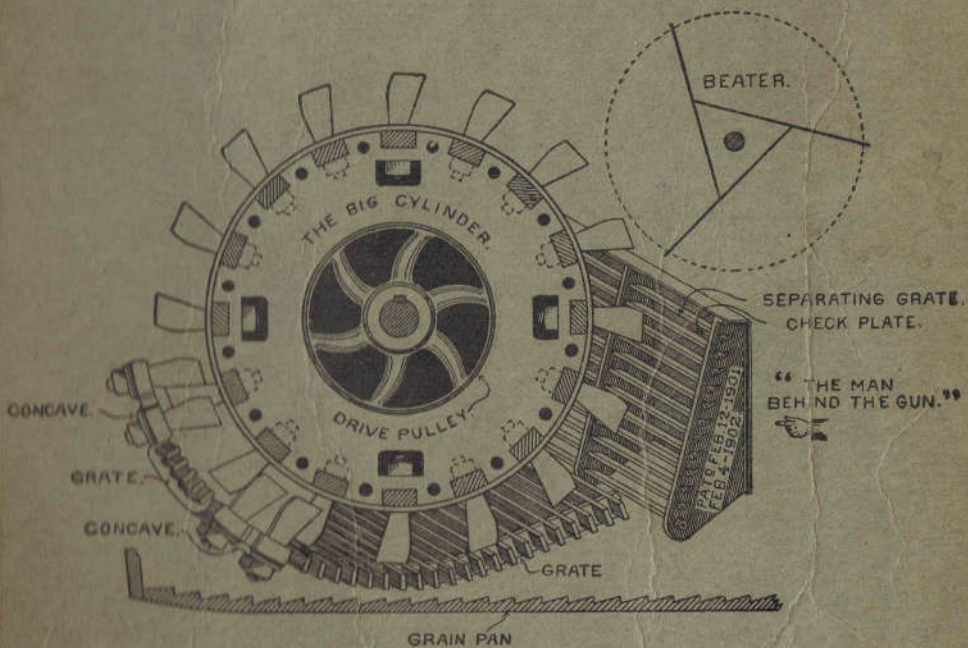


FACTORY

REPAIR PRICE LIST

1924

THE BIG CYLINDER AND "THE MAN BEHIND THE GUN"



Cylinder, Concaves, Grates, and the Patent Separating Grate and Check Plate in the
Nichols-Shepard Red River Special.

Patented in U. S. Feb. 12, 1901, Feb. 4, 1902. Patented in Canada Oct. 29, 1901.

NICHOLS & SHEPARD CO.

Threshing Machinery

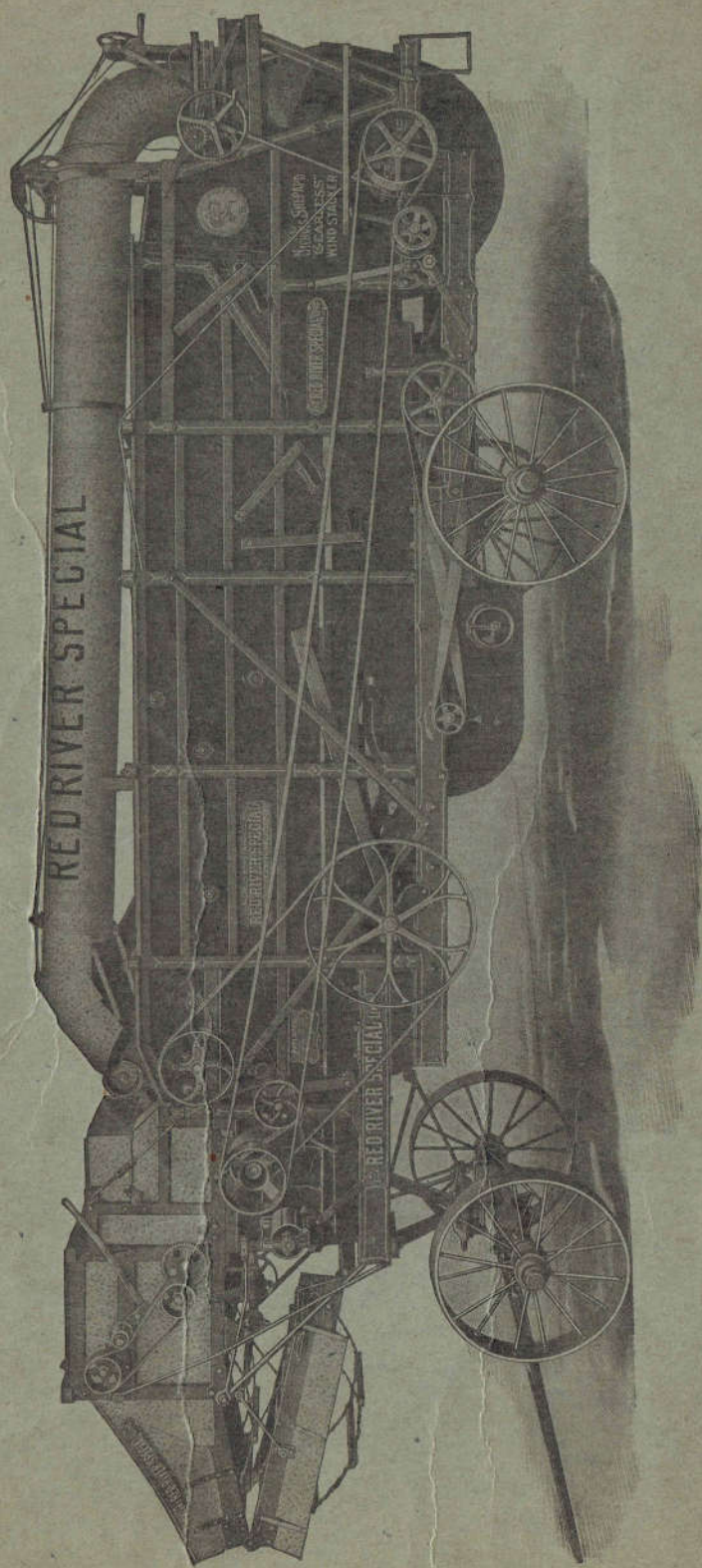
BATTLE CREEK, MICHIGAN, U. S. A.

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This list is at United States prices; 33 1/3 per cent must be added to
find Canadian list.

NICHOLS & SHEPARD CO.

IT SAVES THE FARMER'S THRESH BILL



THE WOOD RED RIVER SPECIAL

Built in Five Sizes, viz.: 22 x 36 Juniors, and 32 x 52, 32 x 56, 36 x 56 and 36 x 60 Regular
Cylinder and Wind Stacker Fan Shafts Equipped with Roller Bearings

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FOR 1924**

OF

NICHOLS-SHEPARD
Threshing Machinery

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BATTLE CREEK, MICHIGAN

NOTICE TO AGENTS AND CUSTOMERS

Teeth, Brass Goods, Sieves, Belting, Independent Pumps and repairs for same, Flue Expanders, Flue Cleaners, Steam Gauges, and any other and all other repairs furnished but not manufactured by this Company must be paid for in cash at time of settlement, whether sold or not or such goods may be returned to us transportation charges prepaid.

Inasmuch as it is very difficult to describe wood parts composing frame of wood threshers we would ask customers ordering such parts to always send cut showing side of separator, feeder, or stacker, with the piece wanted marked on the cut. If this is carefully done and the number of the separator, feeder or stacker given, the correct part will be sent. Wood parts for separator, feeder or stacker frames must be paid for when shipped.

ORDERING REPAIRS

Give correct number on old casting or cipher given in this book for each piece wanted. If you can't do this, give full description of article wanted and your engine, separator, feeder, or wind stacker number, and we will do the best we can to send the part wanted. Parts are sometimes changed and you should give number off from old casting and cipher.

Give your post office and county address and state if you want repairs shipped by freight, parcel post, or express, and to what station.

When ordering repairs by telegraph, use cipher word. Be careful to spell it exactly as printed. Only one of each article mentioned in your telegram will be sent unless otherwise specified.

Prepay your telegrams.

Terms for repairs are cash, and customers will find it to their advantage to send money with order and save return charges on money. When money does not accompany order, repairs will be sent C. O. D., if not too heavy or too far away. This is no reflection on your honesty or ability to pay. We are compelled to adopt this course to avoid the labor and loss in opening thousands of these small accounts.

In sending us old parts of machinery, the freight or express charges must be prepaid. Write your name on each tag, that we may know whom they are from, and write us why the parts are returned to us. Otherwise we cannot accept the goods.

All our engines, separators and attachments are numbered. The words "before 15630" or "after 2213" mean that this casting or part was used before or after this numbered separator or engine. Numbers "12367 to 13319" mean this casting used on machine No. 12367 to and including No. 13318.

Parts that do not specify for Wood or Steel Separators, Feeders, Wind Stackers, Single or Double Engines or give the size are for both kinds and all sizes.

The right hand side of a Separator, Feeder or Wind Stacker is as you stand in front looking towards the cylinder.

Number of my Separator is..... Number of my feeder is.....

Number of my Wind Stacker is..... Number of my Engine is.....

Number of my Horse-Power is..... Number of my Oil-Gas Tractor is.....

PARCEL POST OR FOURTH-CLASS MAIL

Rates of Postage, Classification, Insurance and C. O. D. Features, Wrapping, Etc.

FOURTH-CLASS MATTER EMBRACES that known as domestic parcel post mail, and includes merchandise, farm and factory products, seeds, cuttings, bulbs, roots, scions, and plants, books (including catalogs), miscellaneous printed matter weighing more than 4 pounds, and all other mailable matter not embraced in the first, second, and third classes.

PARCEL POST MATTER may not exceed 84 inches in length and girth combined. In measuring a parcel the greatest distance in straight lines between the ends (but not around the parcel) is taken at its length, while the distance around the parcel at its thickest part is taken as its girth. For example—a parcel 35 inches long, 10 inches wide and 5 inches high measures 65 inches in length and girth combined.

WEIGHT IN POUNDS	First Up to 50 Miles	Second 50 to 150 Miles	Third 150 to 300 Miles	Fourth .00 to 600 Miles	Fifth 600 to 1000 Miles	Sixth 1000 to 1400 Miles	Seventh 1400 to 1800 Miles	Eighth Over 1800 Miles
1	.05	.05	.06	.07	.08	.09	.11	.12
2	.06	.06	.08	.11	.14	.17	.21	.24
3	.07	.07	.10	.15	.20	.25	.31	.36
4	.08	.08	.12	.19	.26	.33	.41	.48
5	.09	.09	.14	.23	.32	.41	.51	.60
6	.10	.10	.16	.27	.38	.49	.61	.72
7	.11	.11	.18	.31	.44	.57	.71	.84
8	.12	.12	.20	.35	.50	.65	.81	.96
9	.13	.13	.22	.39	.56	.73	.91	1.08
10	.14	.14	.24	.43	.62	.81	1.01	1.20
11	.15	.15	.26	.47	.68	.89	1.11	1.32
12	.16	.16	.28	.51	.74	.97	1.21	1.44
13	.17	.17	.30	.55	.80	1.05	1.31	1.56
14	.18	.18	.32	.59	.86	1.13	1.41	1.68
15	.19	.19	.34	.63	.92	1.21	1.51	1.80
16	.20	.20	.36	.67	.98	1.29	1.61	1.92
17	.21	.21	.38	.71	1.04	1.37	1.71	2.04
18	.22	.22	.40	.75	1.10	1.45	1.81	2.16
19	.23	.23	.42	.79	1.16	1.53	1.91	2.28
20	.24	.24	.44	.83	1.22	1.61	2.01	2.40
21	.25	.25	.46	.87	1.28	1.69	2.11	2.52
22	.26	.26	.48	.91	1.34	1.77	2.21	2.64
23	.27	.27	.50	.95	1.40	1.85	2.31	2.76
24	.28	.28	.52	.99	1.46	1.93	2.41	2.88
25	.29	.29	.54	1.03	1.52	2.01	2.51	3.00
26	.30	.30	.56	1.07	1.58	2.09	2.61	3.12
27	.31	.31	.58	1.11	1.64	2.17	2.71	3.24
28	.32	.32	.60	1.15	1.70	2.25	2.81	3.36
29	.33	.33	.62	1.19	1.76	2.33	2.91	3.48
30	.34	.34	.64	1.23	1.82	2.41	3.01	3.60
31	.35	.35	.66	1.27	1.88	2.49	3.11	3.72
32	.36	.36	.68	1.31	1.94	2.57	3.21	3.84
33	.37	.37	.70	1.35	2.00	2.65	3.31	3.96
34	.38	.38	.72	1.39	2.06	2.73	3.41	4.08
35	.39	.39	.74	1.43	2.12	2.81	3.51	4.20
36	.40	.40	.76	1.47	2.18	2.89	3.61	4.32
37	.41	.41	.78	1.51	2.24	2.97	3.71	4.44
38	.42	.42	.80	1.55	2.30	3.05	3.81	4.56
39	.43	.43	.82	1.59	2.36	3.13	3.91	4.68
40	.44	.44	.84	1.63	2.42	3.21	4.01	4.80
41	.45	.45	.86	1.67	2.48	3.29	4.11	4.92
42	.46	.46	.88	1.71	2.54	3.37	4.21	5.04
43	.47	.47	.90	1.75	2.60	3.45	4.31	5.16
44	.48	.48	.92	1.79	2.66	3.53	4.41	5.28
45	.49	.49	.94	1.83	2.72	3.61	4.51	5.40
46	.50	.50	.96	1.87	2.78	3.69	4.61	5.52
47	.51	.51	.98	1.91	2.84	3.77	4.71	5.64
48	.52	.52	1.00	1.95	2.90	3.85	4.81	5.76
49	.53	.53	1.02	1.99	2.96	3.93	4.91	5.88
50	.54	.54	1.04	2.03	3.02	4.01	5.01	6.00
51	.55	.55	1.06					
52	.56	.56	1.08					
53	.57	.57	1.10					
54	.58	.58	1.12					
55	.59	.59	1.14					
56	.60	.60	1.16					
57	.61	.61	1.18					
58	.62	.62	1.20					
59	.63	.63	1.22					
60	.64	.64	1.24					
61	.65	.65	1.26					
62	.66	.66	1.28					
63	.67	.67	1.30					
64	.68	.68	1.32					
65	.69	.69	1.34					
66	.70	.70	1.36					
67	.71	.71	1.38					
68	.72	.72	1.40					
69	.73	.73	1.42					
70	.74	.74	1.44					

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<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Affectional	2104.....	Escutcheon, L. H., 4th or 5th shaker, 36" Junior, 18425 to 19429, 40", 46" Wood, 18425 to 33366, 52", 56", 60", 64" Wood, 9099 to 33064.....	75
Afterimage	2164.....	Eccentric to raise concaves, after 2204.....	25
Agglutinant	2190.....	Hanger hub on separator for end shake shoe, Wood Separator, 10735 to 33366.....	50
Agnification	2239.....	Pitman strap for shaker crank shaft, inside, 52", 56", 60", 64" Wood 14093 to 33064, outside 10734 to 33064, inside 36" Junior 11471 to 33064 outside 40" Junior Wood 28131 to 33064, outside 46" Wood 28039 to 33366, 40" 28041 to 33064, 36", 40" Junior Steel, 36" Junior Wood after 28105.....	75
Agnition	2240.....	Pitman strap for shaker crank shaft, outside, 36" Junior Wood 22373 to 28106, outside 46" Wood 22373 to 28039, 40" 10735 to 28041, 40" Jr. 22373 to 28131.....	75
Agonize	2259.....	Worm wheel for concave adjuster shaft, 36", 40" Junior Wood Separator, 17522 to 33064.....	75
Agouta	2266.....	Washer to cylinder box fork, 28", 30", 32", 36", 40", 44" cylinders, after 10734.....	25
Agraffe	2267.....	Cover to oil cup to cylinder box, 28", 30", 32", 36", 40", 44" cylinder, 10735 to 31110 and part 1921.....	20
Agrise	2294.....	Holder for check grate, R. H., on post, Wood Separators, 56", 60", 64" 10735 to 24402, 46", 52", 11471 to 24402, 40", 19429 to 24402, 36" Junior, 19429 to 26927, 40" Junior, 19429 to 25229.....	50
Agrom	2295.....	Holder for check grate, L. H., on post Separator, 56", 60", 64" Separator 10735 to 24402, 46", 52", 11471 to 24402, 40", 19429 to 24402, 36", Jr., 19429 to 26927, 40" Jr., 19429 to 25229.....	50
Airling	2339.....	Side plate to inside cylinder post, 28", 30", 32", 36", 40", 44" cylinder, Wood Separators, 10735 to 33366.....	75
Ajoupa	2347.....	Cylinder head center, 24" bore, 32", 36", 40", 44" cylinders, after 11470, 28", 30" cylinders, after 12366.....	7 00
Akazga	2352.....	Hub for front hanger on grain pan, Wood Separators, 14171 to 33366.....	1 00
Alun	2398.....	Cylinder head outside. Give separator number when ordering this casting.....	10 00
Alban	2403.....	Hub to top of front and rear hanger to shaker carrier, 36", 40" Junior Separator, after 16743, 1st, 2nd, 3rd and last shaker 36" 46" Jr. Steel after 33365, 1, 2, 3, 4, and last shaker 52", 56", 60" Steel Sepr., after 33365.....	50
Albene	2412.....	Worm wheel to concave adjuster, 28", 30", 32", 36", 40", 44", cylinder, 22", 28" Junior, after 11470.....	75
Alblion	2426.....	Hub for hanger to grain pan on cylinder post, Wood Separators, 11471 to 33366.....	75
Alcoholism	2459.....	Noddle pin for pitman to grain pan, Wood Separators, 11471 to 28464.....	2 00
Alga	2513.....	Rub iron on last shaker and post, after 12366.....	20
Alkalize	2580.....	Belt reel bracket, 40", 46", 52", 56", 60", 64", 13319 to 23320, 36", 40" Jr. Wood Sepr. 13319 to 33064, 46", Jr. Steel 33064 to 33366.....	2 00
Allochroic	2651.....	Plate on rear end shaker carrier, R. H., 52", 56", 60", 64", after 16036.....	2 00
Allochroite	2652.....	Plate on rear end shaker carrier, L. H., 52", 56", 60", 64", after 16036.....	2 00
Alloclasite	2654.....	Hub on top of front and rear hangers to shaker carrier, 40", 46", 52", 56", 60", 64" Separator, after 16036.....	75
Allodgement	2658.....	Hub on front 2d shaker, 16037 to 19419, first shaker after 19428.....	75
Allodial	2659.....	Hub 1, 2, 3 shakers, Wood Separator 19429 to 33366, 1, 2, 3 shakers 36", 40", 46", Jr. Steel 25679 to 33366, 1, 2, 3, 4 shakers 46", 52", 56", 60", 64" Steel Sepr. 19429 to 33366.....	75
Allogamy	2663.....	Hub on front 2, 3, 4 shakers, after 16036, 5th shaker, 16037 to 19429.....	75
Alopecurus	2743.....	Plate for rear shaker carrier, R.H., 36", 40", 46" Junior, after 17521.....	2 00
Alorcic	2744.....	Plate for rear shaker carrier, L. H., 36", 40", 46" Junior, after 17521.....	2 00
Alterity	2786.....	Hub on first shaker, R. H., 52", 56", 60", 64", 14596 to 19429.....	1 00
Altern	2787.....	Hub on first shaker, L. H., 52", 56", 60", 64", 14596 to 19429.....	1 00
Amarantite	2861.....	Belt guide roller, 36", 40", 46", 52", 56", 60", 64", 14596 to 20681.....	75
Amarantus	2862.....	Belt guide bracket, 46" Junior Steel 33064 to 33366, 40", 46", 52", 56", 60", 64" Separators, 14596 to 33366.....	2 50
Amarine	2863.....	Belt guide yoke, 40", 46", 52", 56", 60", 64", 14596 to 20681.....	2 50
Amaritude	2864.....	Belt guide cap to yoke, 40", 46", 52", 56", 60", 64", 14596 to 20681.....	75
Amaurosis	2873.....	Hub on last shaker for pitman, 36", 40", 46" Jr. 25679 to 33366, 46", 52", 56", 60", 64", 16037 to 33366.....	75
Amianth	2971.....	Belt reel, all Separators, after 16037.....	3 50
Amicocide	2974.....	Arm for fan, 40", after 25955, 46" after 26039, 52", 56", 60", 64" Separators, after 16036.....	2 00
Ammeter	2990.....	Adjustable plate for belt tightener, R. H., 40", 46", 52", 56", 60", 64" Separators, after 16036.....	1 75

SEPARATOR REPAIRS—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Ammite	2991.....	Belt tightener bracket, R. H., 40", 46", 52", 56", 60", 64" Wood Separators, 16037 to 33366.....	1 50
Ammo	2992.....	Plate for end shaker carrier, R.H., 40", 46" Separator, 16037 to 33366.....	2 00
Ammonia	2993.....	Plate for end shaker carrier, L. H., 40", 46" Separators, 16037 to 33366.....	2 00
Anabata	3097.....	Holder for handle to grain pan chaffer, 16744 to 34416.....	50
Anantherous	3162.....	Holder for foot board on sill, 36", 40" Junior Wood 17522 to 33064..	1 00
Anaphora	3168.....	Washer for cylinder box fork, 22", 28" Junior cylinder, after 17521.....	15
Anatomist	3199.....	Hub on arm to 1, 2, 3 shaker, 40", 46", 52", 56", 60", 64" Wood and Steel Sepr. 19429 to 33366, 36", 40", 46" Jr. Wood and Steel Sepr., 25679 to 33366.....	75
Ancient	3217.....	Belt guide bracket, 36", 40" Junior Wood Sepr., 17522 to 33064.....	2 00
Ancile	3218.....	Belt guide cap, 36" Separator, 17522 to 20681.....	50
Ancora	3223.....	T Wrench for Rice, Pea and Bean Cylinder pulleys, after 18424....	50
Andesite	3232.....	Belt guide bracket, 40" Separator, 19429 to 20681.....	2 00
Angelus	3275.....	Belt guide yoke, 36", 40", Jr. 40", 46", 52", 56", 60", 64", Wood and Steel, after 22097, 46" Jr. Steel Sepr., 33064 to 33366.....	2 50
Anglesite	3282.....	Cap belt guide, part year 1914 and after 23320.....	1 00
Anglet	3283.....	Roller cap to belt guide, part year 1914 and after 23320.....	50
Anguish	3304.....	Bracket for belt reel 40", 46", 52", 56", 60", 64" Wood Separator, 23320 to 33366.....	1 50
Anima	3325.....	Bracket for belt tightener, R. H., Separator, 46", 52", 56", 60", 64", 23612 to 24402, 40", 23330 to 24402.....	1 50
Animal	3326.....	Handle for belt tightener, R. H., 46", 52", 56", 60", 64", 23612 to 24402, 40", 23330 to 24402, 36" Junior after 29696, 40" Jr. Separator after 24401, 46" Jr. Steel 33064 to 33366.....	1 50
Animalcular	3327.....	Handle for shaker belt tightener, L. H., 40", 46", 52", 56", 60", 64", Separator, 23612 to 24402.....	1 00
Animaleule	3328.....	Bracket for shaker belt tightener, L. H., 23612 to 24402.....	75
Animalistic	3334.....	Dog for shaker belt tightener, L. H., 52", 56", 60", 64", 23612 to 24402.....	15
Animating	3342.....	Belt tightener bracket, R. H., 40" Junior Separator, 23330 to 24402.....	1 50
Annabergite	3368.....	Belt tightener bracket, L.H., 40", Junior Wood, 24402 to 33064, 36", Jr. Wood, 28000 to 33064.....	1 00
Annealing	3372.....	Hub for hanger to grain pan on cylinder post, R. H., 36", 40" Junior Wood Separator, 24402 to 33064.....	1 50
Annectent	3374.....	Belt tightener bracket, R.H., 36" Junior after 29696, 40", Jr. 24402 to 33064, 46" Jr. Steel 33064 to 33366.....	2 00
Anniversary	3389.....	Fan arm, 36" Junior, after 25899, 40", 46" Junior Separator, after 25935.....	1 50
Annona	3393.....	Cylinder head, 28" Junior, 25936 to 33366, 22" Junior, 25900 to 33366.....	5 50
Annonce	3394.....	Cylinder ring, 2" bore, 28" Junior, after 25935, 22" Junior, after 25899.....	4 00
Anogen	3432.....	Noddle Pin, Wood Separator, 28464 to 30685.....	2 00
Anonad	3448.....	Noddle Pin, all wood separators, 30685 to 33366.....	2 00
Ansa	3462.....	Cylinder roller bearing fork, 22", 28" Jr. Sepr., 33064 to 33366.....	2 00
Anserine	3463.....	Cylinder roller bearing collar, 22", 28" Junior Separator, after 33063.....	50
Apropos	3725.....	Holder for handle for grain pan chaffer, Steel Sepr., after 34415.....	50
Antecede	3477.....	Cylinder roller bearing fork, 30" Cylinder, after 33063.....	2 00
Aquate	3746.....	Belt guide bracket, 52", 56", 60" Steel Sepr., after 33365.....	2 50
Aquatic	3747.....	Belt reel bracket, 36", 46" Jr. Steel after 33365.....	2 00
Aqueity	3750.....	Hub on center, 1, 2, 3 shaker, 36", 46" Jr. Steel after 33365, 1, 2, 3, 4 shaker, 52", 56", 60" Steel after 33365.....	75
Aquiform	3752.....	Belt guide yoke, 36", 46" Jr. steel, after 33365.....	2 50
Aquila	3753.....	Belt guide bracket, 36", 46" Jr. Steel after 33365.....	2 50
Aquilon	3755.....	Hub on last shaker for front hanger, R. H. 36", 46" Jr. Steel, 52", 56", 60" Steel after 33365.....	75
Aquitarous	3756.....	Hub on last shaker for front hanger, L. H. 36", 46" Jr. Steel, 52", 56", 60", Steel after 33365.....	75
Aquiver	3758.....	Cylinder side bracket, 52", 56", 60" Steel after 33365.....	5 00
Aquometer	3759.....	Cylinder head, 36", 46" Jr. Steel after 33365.....	5 50
Aquose	3760.....	Cylinder head, 52", 56", 60" Steel after 33365.....	10 00
Arabesque	3762.....	Hub on last shaker for hanger, 36", 46" Jr. Steel after 33365, 52", 56", 60" Steel, after 34315.....	75
Arabican	3766.....	Fork to cylinder box 36", 46" Jr. Steel, after 33365.....	2 00
Arability	3768.....	Corner brace to cylinder back post, L. H. 52" Steel Sepr., after 33365.....	2 00
Arabin	3769.....	Corner brace to cylinder back post, R. H. 52" Steel Sepr., after 33365.....	2 00
Aragonite	3784.....	Rub iron on Separator post, 36", 46" Junior Steel, after 33063.....	20
Aramaic	3789.....	Hub on side board Wind Stacker for hanger to last shaker, 36", 46" Junior Steel, after 33063.....	50
Arbitrage	3802.....	Corner brace to cylinder back post, R.H., 60" Steel, after 33063, 56" Steel, after 33365.....	2 00
Arbital	3803.....	Corner brace to cylinder back post, L.H., 60" Steel after 33063, 56" Steel, after 33365.....	2 00

SEPARATOR REPAIRS—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Arbitrament	3804	Corner brace to cylinder back post, R.H., 52", 56" Steel, 33064 to 33366	2 00
Arbitrary	3805	Corner brace to cylinder back post, L.H., 52", 56", Steel, 33064 to 33366	2 00
Arbitrative	3806	Lever for upper wind board, 36", 40", 46" Junior Steel Separator, after 33063	25
Arbitrator	3807	Holder for upper wind board, 36", 40", 46" Junior Steel Separator, after 33063	25
Archaic	3831	Noddle pin, 36", 40", 46" Junior Steel Separator, after 24401	2 00
Archon	3857	Noddle pin, 40", 46", 52", 56", 60", 64" Steel Separators, after 26039	2 00
Arcograph	3862	Hub on frame for hanger to shoe, front, 36", 40", 46" Junior Steel Separator, after 24401	50
Arctalia	3863	Hub on frame for hanger to shoe, rear, 36", 40", 46" Junior Steel Separator, 24402 to 34416	50
Arcubus	3874	Belt tightener bracket, L. H., Steel Separators, after 24401	1 00
Areality	3887	Cylinder side bracket, 40", 46", 52", 56", 60", 64" Steel Separator, 24402 to 33366	5 00
Arenilite	3899	Holder for concave adjuster, 40", 46", 52", 56", 60", 64" Steel Separator, after 23321	1 75
Areotic	3907	Hub on separator for hanger to shoe, 40", 46", 52", 56", 60", 64" Steel Separator, after 23329, 36", 40" Jr. Steel 24402 to 27975	50
Ares	3908	Plate on grain pan for pitman, Steel Separator, after 23329	25
Argentan	3927	Belt reel bracket, 40", 46", 52", 56", 60", 64" Steel Separator, after 23329	1 50
Argilloid	3940	Hub on last shaker for front and rear hangers, 36", 40", 46" Jr. Steel 25679 to 33366, 40", 46", 52", 56", 60", 64" Steel, 23322 to 33366, for rear hanger to last shaker 52", 56", 60", Steel, 23322 to 34316	75
Aridas	3962	Belt tightener bracket for shaker, R. H., 40", 46", 52", 56", 60", 64" Steel Separators, after 23329	1 50
Arista	3966	Rub iron on rear post, Steel Sepr., after 23329	50
Avoidless		Adjustable chaffer to grain pan, 36" Wood Sepr., 16744 to 33064	10 50
Dan		Adjustable chaffer to grain pan, 40" Junior Wood Separator, 16744 to 31110	10 50
Dangle		Adjustable chaffer to grain pan, 40" Jr. Wood Sepr., 31110 to 33064	10 50
Avoke		Adjustable chaffer to grain pan, 40" Wood Separator, 16744 to 31110	12 50
Avolat		Adjustable chaffer to grain pan, 46" Wood Separator, 16744 to 33366	12 50
Avoilition		Adjustable chaffer to grain pan, 52" Wood Sepr., 16744 to 33064	13 50
Avouch		Adjustable chaffer to grain pan, 56" Wood Sepr., 16744 to 33064	13 50
Avoucher		Adjustable chaffer to grain pan, 60" Wood Sepr., 16744 to 33064	14 50
Avow		Adjustable chaffer to grain pan, 64" Wood Sepr., 16744 to 33064	14 50
Danae		Adjustable chaffer to grain pan, Steel Separator, 36", 40" Jr., \$10.50, 40", 46", Regular 46" Jr., \$12.50, 52", 56", \$13.50, 60", 64", \$14.50. Give number separator.	
Abet		Adjustable chaffer slat extension. 36" Separator, after 17521, Dambose 40" Junior, after 20680, Augury 40", Augustan 46", Jr. and Regular, Auk 52", Auld 56", Auletic 60", Aulie 64" Separators respectively, after 12366	2 50
		Beater wing, give length	2 00
Abodance		Belt punch	40
Autoptic		Belt Guide, Adjustable, complete, 40", 46", 52", 56", 60", 64" Wood and Steel Sepr., 14596 to 33366, 46" Jr. Steel 33064 to 33366	12 00
Dank		Belt guide adjustable, 52", 56", 60" Steel Sepr. after 33365	12 00
Dannock		Belt guide adjustable, 36", 46" Jr. Steel Sepr., after 33365	12 00
Azulmic		Belt guide, adjustable, complete, 36", 40" Jr. Wood 17522 to 33366	12 00
Autumn		Cylinder-tooth wrench (Pod 2880) for 14, 15, 21, 22 teeth, after 11470	1 50
Autumnal		Cylinder-tooth set, after 11470	1 00
		Fan wing, steel, give size of Separator, 36-40" Jr. 40-46", \$.75, 52", 56", 60", 64"	1 00
		Fan wing, wood, give size of Separator	75
NOTE—Grain pans are not carried in stock at Branch Houses, but must be ordered and built at the Factory. Always give Separator number when ordering.			
Avowable		Grain pan 36"x10½', Jr. \$35.00, chaffer, \$10.50, extension \$2.50, Wood Separator, 17522 to 33064	48 00
Dandify		Grain pan 40"x10½', Jr. \$35.00, chaffer \$10.50, slat extension \$2.50, Wood Separator, 20680 to 33064	48 00
Azarin		Grain pan, 40"x14', \$40.00, chaffer \$12.50, extension \$2.50, Wood Separator, 18371 to 19428	55 00
Azarole		Grain pan, 40"x14', \$40.00, chaffer \$12.50, extension \$2.50, Wood Separator, 19428 to 29697	55 00
Aware		Grain pan 46"x14', \$45.00, chaffer \$12.50, extension \$2.50, Wood Separator, 17173 to 19428	60 00

SEPARATOR REPAIRS—Continued.

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Azelait		Grain pan, 46"x14', \$45.00, chaffer \$12.50, extension \$2.50, Wood Separator, 19428 to 33366	60 00
Aweary		Grain pan, 52"x14', \$50.00, chaffer \$13.50, extension \$2.50, Wood Separator, 16037 to 19428	66 00
Azimuth		Grain pan, 52"x14', \$50.00, chaffer \$13.50, extension \$2.50, Wood Separator, 19428 to 33064	66 00
Awful		Grain pan, 56"x14', \$50.00, chaffer, \$13.50, extension \$2.50, Wood Separator, 16056 to 19428	66 00
Azolla		Grain pan, 56"x14', \$50.00, chaffer \$13.50, extension \$2.50, Wood Separator, 19428 to 33064	66 00
Awheel		Grain pan, 60"x14', \$55.00, chaffer \$14.50, extension \$2.50, Wood Separator, 16073 to 19428	72 00
Azorian		Grain pan, 60"x14', \$55.00, chaffer \$14.50, extension \$2.50, Wood Separator, 19428 to 33064	72 00
Awkward		Grain pan, 64"x14', \$55.00, chaffer \$14.50, extension \$2.50, Wood Separator, 16037 to 19428	72.00
Azotate		Grain pan, 64"x14', \$55.00, chaffer \$14.50, extension \$2.50, Wood Separator, 19428 to 29697	72 00
		Hanger arms for grain pan, say if front or rear. Give Sep. No.	75
		Hanger to last shaker, give number Separator	75
		Hanger to shaker carrier, say if front or rear and give Sep. No.	1 00
		Hanger for shaker, say for what shaker and give Separator number	75
Avengeful		Hanger brace, 1/2x1 1/2x36" iron, second and fifth shakers, Separators, 16037 to 19429, third shaker, 36", 40" Jr. Wood Separator, 16037 to 33064, fourth shaker, 40", 46", 52", 56", 60", 64" Separators, 19418 to 33366	75
Abstain		Hard oil, one pound cans	25
Atrocious		Lifting jack, N. & S.	10 00
Abstraction		Oil can, for Separators	50
		Pitman, crank to shaker, no strap, give number of Separator	1 00
		Pitman, crank to grain pan, no strap, give number of Separator	1 00
Avowry		Pitman, end shake shoe to crank shaft, no straps, 1 1/2x1 1/2" holes, 14 1/2" apart, 36", 40" Junior Separators, after 17521	50
Attaghan		Pitman, no strap, 1 1/2" hole, 15 1/2" center to center of holes, end shake shoe to crank shaft, 40", 46", 52", 56", 60", 64", after 10734	50
Attain		Pitman, tailing spout to shake arm, 3/4" holes, 24" apart, 36", 40", 46", 52", 56", 60", 64" Separators, after 10734	50
Avoyer		Pitman, shoe to shake arm, 1/2x1 1/2" holes, 9 1/2" apart, 36", 40" Junior Separators, 17522 to 26927	50
Danaidean		Pitman shoe to shake arm, 3/4"x3/4" hole, 7 1/2" apart, 36", 40" Jr. Wood Sepr., 26927 to 33064	50
Attaint		Pitman, shoe to shake arm, 3/4" holes, 17 1/2" apart, 40", 46", 52", 56", 60", 64" Wood Separators, 10735 to 33366	50
		Shaker, first, give separator number, before 19418	9 00
		Shaker, first, give separator number, after 19418	7 00
		Shaker, say if No. 2-3-4 or 5, give separator number, before 16036	9 00
		Shaker, say if No. 2-3-4 or 5, give separator number, after 16036	7 00
		Shaker, last, give separator number	10 00
		Shaker carrier, no castings, say if right or left hand. Give Sep. No.	2 00
Author		Tool box, give length, Wood Separator	3 00
Danaide		Tool box, Steel Separator, give length	6 00
Adamant		Wrench, monkey	1 25

SEPARATOR BOXES

Abacolidae	H 3	Half box to pitman on end shake shoe, after 10734	50
Abortient	158	Arch cap to center box, Wood Separators, 36", 4447 to 28107, 46", 4447 to 28039, 40", 4447 to 28041, 40" Junior. 4447 to 28131	75
Abrus	F 265	Fan box, lower half, 40", 46" Separators, 11471 to 19429, 36", 40" Junior Separators, 17522 to 25754	50
Absence	F 325	Arch cap to 2210-2468, Wood Separators, 36" Junior, 28106 to 33064, 46", 28039 to 33366, 40", 28041 to 33064, 40" Junior, 28131 to 33064, 52", 56", 60", 64", 5275 to 33064	75
	F 334	Conveyor box, 40", 46", 52", 56", 60", 64" Wood Separator, 52", 56", 60" Steel Separator, after 5274	1 50
Absenter	F 359	Lower half cylinder box, 36" Junior Separator, 5275 to 25900, 40" Junior Separator, 17522 to 25936	2 00
Absentecism	F 360	Cap to cylinder box, 36" Junior Separator, 5275 to 25900, 40" Junior Separator, 17522 to 25936	2 00

SEPARATOR BOXES—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Absinthium	F 468	Box on side of Wood Sepr. for 3rd. 4th shakers, 7851 to 33366, 1-2-3 shaker, 18425 to 33366	50
Afresh	2155	Fan box, lower part, Wood Separators, 36", 40", 46", 25754 to 33366, 60", 64", 9997 to 33064, 56", 10735 to 33064, 52", 11471 to 33064	1 00
Agreement	2278	Front half box to side pitman on shaker crank shaft, 36", 40", 46" Junior Steel, 36" Junior Wood, after 28105, 46" Wood, 28039 to 33366, 40", Wood, 28041 to 33064, 40" Junior Wood, 28131 to 33064, 52", 56", 60", 64" Wood Separators, 10735 to 33064	50
Agestial	2279	Back half box to side pitman on shaker crank shaft, 36", 40", 46" Junior Steel, 36" Junior Wood, after 28105, 46" Wood, 28039 to 33366, 40" Wood, 28041 to 33064, 40" Junior Wood, 28131 to 33064, 52", 56", 60", 64" Wood Separators, 10735 to 33064	50
Akoko	2360	Cap to cylinder box, 32", 36", 40", 44" cylinder, 11471 to 31110 and part 1921	3 00
Akorn	2361	Bottom to cylinder box, 32", 36", 40", 44" cylinder, 11471 to 31110 and part 1921	3 00
Alburnum	2439	Lower half box to center crank shaft, Wood Separators, 36" Junior, 11471 to 28106, 40" Junior, 11471 to 28131, 46", 11471 to 28039, 40", 11471 to 28041	1 00
Alcogel	2456	Box to middle pitman on shaker crank shaft, Wood Separators, 36" Junior, 11471 to 28106, 46", 11471 to 28039, 40", 11471 to 28041, 40" Junior, 11471 to 28131	50
Aldane	2468	Lower half box to center crank shaft, Wood Separators, 36" Junior, 28106 to 33064, 46", 28039 to 33366, 40", 28041 to 33064, 40" Junior, 28131 to 33064, 52", 56", 60", 64", 11471 to 33064	1 00
Alevin	2495	Cap to cylinder box, 28", 30" cylinder, 12367 to 31110 and part 1921	2 50
Alew	2496	Bottom to cylinder box, 28", 30" cylinder, 12367 to 31110 and part 1921	2 50
Alkermes	2589	Front or back half box middle pitman, 52", 56", 60", 64" Wood Separators, 14093 to 33064, 40" Junior Wood, 28131 to 33064, 36", 40", 46" Junior Steel, 36", Junior Wood, after 28105, 46" Wood, 28039 to 33366, 40" Wood, 28041 to 33064	50
Allochroous	2653	Box on rear hanger to shaker shaft and shaker carrier, 52", 56", 60", 64" Separators, after 16036	75
Alloco	2655	Box on side board for hanger, 2d, 5th shakers, 16036 to 18425, 40", 46", 52", 56", 60", 64", 16037 to 19429	75
Allocution	2656	Box for front hanger to shaker and shaker carrier, all Separators after 16036	75
Allodiary	2660	Upper half fan box, 36", 40", Junior Separator, 17522 to 25754, 40", 46" Separators, 11471 to 19429	75
Allodality	2661	Upper half fan box, Wood Separators, 40" Junior, 25755 to 31110, 40", 46", 25754 to 33064, 36", Jr. 25754 to 33064, 52", 56", 60", 64", 11471 to 33064	1 00
Aloud	2746	Box on rear hanger to shaker shaft and shaker carrier 36", 46" Jr. 40", 46" Separators, after 16036	75
Amidulin	2981	Beater box bottom, Wood Separators, 36" Junior, 25900 to 33064, 40" Junior, 25936 to 33064, 40", 25956 to 33064, 46", 26040 to 33366, 52", 56", 60", 64", 16037 to 33064	1 00
Analogue	3146	Conveyor box, 36", 40" Junior Wood Sepr, 17522 to 33064	1 25
Anarthrous	3183	Box bracket shoe, 3348 with 3349 take place.	
Anas	3184	Box bracket shoe, 3348 with 3349 take place.	
Anasarca	3185	Box bracket cap for No. 3183-4	75
Anatomy	3202	Elevator slide box, after Separator 18424	25
Andantino	3229	Box on post front hanger to shaker carrier, 40", 46", 52", 56", 60", 64", Wood Separators, 19429 to 33366	75
Anecdoteage	3242	Box on side board rear hanger to shaker carrier, 40", 46", 52", 56", 60", 64" Wood Separators, 19429 to 33366	50
Anemious	3245	Fan box, top, 40", 46" Separators, 19429 to 25679	75
Anemo	3246	Fan box, bottom, 40", 46" Separators, 19429 to 25679	75
Aneretic	3253	Half box front and back outside shaker pitman, Wood Separators, 36" Junior, 22372 to 28106, 46", 22372 to 28039, 40", 22372 to 28041, 40" Junior, 22372 to 28130	50
Anew	3262	Arch for crank shaft, center, Wood Separators, 40" Junior, 20681 to 31110, 36", 20681 to 33064, 40", 46", 21953 to 33366, 52", 56", 60", 64", 23733 to 33064	2 50
Angarep	3263	Arch for crank shaft, outside, Wood Separator, 40" Junior, 20681 to 28131, 36" Junior, 20681 to 28106, 46", 21953 to 28040, 40", 21953 to 28041	2 50
Animism	3348	Box bottom for shoe crank shaft, Wood Sepr., 24642 to 33366	1 25
Animosity	3349	Box cap for shoe crank shaft, Wood Sepr., 24642 to 33366	75
Annulet	3414	Cylinder box bottom, Wood Separators, 22", 28" Junior, 25900 to 31110 and part 1921	2 00

SEPARATOR BOXES—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Annulism.	3415	Cylinder box cap, Wood Separators, 22", 28" Junior, 25900 to 31110 and part 1921	2 00
Anorthic.	3456	Arch for crank shaft, Wood Sepr's., center, 40" Jr., 31110 to 33064	2 50
Anorthoclase.	3458	Upper half fan box, Wood Sepr's., 40" Jr., 31110 to 33064	1 00
Anosmatic.	3460	Cylinder roller bearing box shell without outer race, 22", 28" Junior, after 33063	4 00
Anosmia.	3461	Cylinder roller bearing cap 22", 28" Junior, after 33063	1 00
Aquataint.	3748	Box for beater shaft, 52", 56", 60", Steel Sepr., after 33365	1 50
Antares.	3475	Cylinder roller bearing box shell without outer race, 30" Cylinder, after 33063	4 00
Antebellum.	3476	Cylinder roller bearing cap, 30" Cylinder, after 33063	1 00
Arabicize.	3767	Beater box bottom with box for hanger to 1st shaker and box for front hanger to shaker carrier 36", 46" Jr. Steel after 33365	3 00
Aracuan.	3781	Conveyor box, 36", 46" Junior Steel, after 33063	1 50
Arad.	3782	Fan box lower cap, 36", 46" Junior Steel, after 33063	75
Araneida.	3792	Fan box cap, lower part, 52", 56", 60" Steel Separator, after 33063	1 00
Araneous.	3793	Fan box cap, upper part, on sill, 52", 56", 60" Steel Separator, after 33063	1 00
Arapaima.	3795	Cap to shoe shake bracket box, 36", 46" Junior Steel Separator, after 33063	75
Araucanian.	3796	Bracket box for shoe crank shaft, 36", 46" Junior Steel Separator, after 33063	1 50
Araucaria.	3797	Box on side plate for 2d, 3rd shakers, 36", 46" Junior Steel Separator, after 33063	75
Arawak.	3798	Beater box bottom with box for hanger to 1st shaker and box for front hanger to shaker carrier, 46" Junior Steel Separator, 33064 to 33366	3 00
Arbaccio.	3799	Cap to crank shaft arch, center, 36", 46", Jr. Steel, after 33063	1 00
Arbalest.	3800	Cap to crank shaft arch, outside, 36", 46" Jr. Steel, after 33063	1 00
Arbitrer.	3808	Arch for crank shaft, R. H., 36", 46", Jr. Steel Sepr., after 33063	3 00
Arbitress.	3809	Arch for crank shaft, L. H., 36", 46", Jr. Steel Sepr., after 33063	3 00
Arborescent.	3814	Box on side plate for front hanger to shaker carrier, L. H., 46", 52", 56", 60" Steel Separator, 31226 to 33116	75
Arborical.	3815	Bottom to beater box, 52", 56", 60" Steel Sepr., 31226 to 33366	1 00
Arbustum.	3822	Box on side plate for front hanger to shaker carrier, R. H., 46", 52", 56", 60" Steel Separator, 31226 to 33116	75
Arbutus.	3825	Cylinder roller bearing cap, 32", 36", 40", 44" Cylinder, after 33063	1 25
Arc.	3826	Cylinder roller bearing box shell without outer race, 32", 36", 40", 44" Cylinder, after 33063	5 00
Arching.	3847	Shoe crank box cap, 36", 40" Jr. Steel Sepr., 24402 to 33064	75
Archipelago.	3848	Shoe crank bracket box, 36", 40" Jr. Steel Sepr., 24402 to 33064	1 25
Arcuation.	3871	Fan box, upper part, on sill, 36", 40", 46" Junior Steel Separator, after 31109	1 00
Areason.	3888	Bracket box, shoe crank shaft, 40", 46", 52", 56", 60", 64" Steel Separators, after 24401	1 50
Arefact.	3889	Cap to shoe crank shaft, 40", 46", 52", 56", 60", 64" Steel Separators, after 24401	75
Areology.	3904	Box on plate for hangers to shaker carrier front, 40", 46", 52", 56", 60", 64" Steel Separators, 24402 to 31226, and after 33115, Rear, after 24401	75
Areometer.	3905	Box on plate for 2, 3, 4, 5th shaker, 40", 46", 52", 56", 60", 64" Steel Separators, after 23329	75
Argas.	3921	Arch cap to crank shaft, outside, 52", 56", 60", 64" Steel Separators, after 23329	1 00
Argean.	3922	Arch for crank shaft, 52", 56", 60", 64" Steel Separators, after 23329	3 00
Armiger.	3991	Cap to beater box, 40" Regular Steel Separator, after 25955, 36", 40", 46" Junior, 46", 52", 56", 60", 64" Steel Separators, after 23321	75
Arml.	3992	Bottom to beater box, 40" Regular Steel Separator, 25956 to 27975, 36", 40" Jr., 46", 52", 56", 60", 64" Steel Separators, 23322, to 31226	1 00
Armill.	3993	Cap to fan box bottom, Steel Separator, 40" Regular, 25956 to 31110, 46", 25679 to 31110, 52", 56", 60", 64", 23322 to 31110	75
Armillary.	3994	Fan box bottom, Steel Separator, 40" Regular, 25956 to 31110, 46", 25679 to 31110, 52", 56", 60", 64", 23322 to 31110	1 00

SEPARATOR SHAFTS

Austerity.	Belt tightener shaft for self feeder, 1½x6½"	1 00
Austral.	Belt tightener pin for self-feeder, ½x5½"	50
Dang.	Belt tightener shaft for shaker, 1½x7", with collar No. 3817 and plug, after 9099	1 50
Adapter.	Beater shaft, 1½x60", 36" Separators, 8315 to 25900	4 00
Damiana.	Beater shaft, 1½x65", 36" Junior, after 25899	6 00

SEPARATOR SHAFTS—Continued

Cipher	Number	Price
Atticism	Beater shaft, 1¼x68", 40" Junior and 40" Regular Separators, 8315 to 25936	4 00
Damianite	Beater shaft, 1½x68", 40" Junior and Regular, after 25935	6 00
Damier	Beater shaft, 1½x74", 46" Jr. and Regular, after 26039	6 00
Atticse	Beater shaft, 1¼x74", 46" Separators, 11471 to 26040	4 50
Attinge	Beater shaft, 1¼x80", 52" Separators, after 11470	6 00
Attitude	Beater shaft, 1¼x84", 56" Separators, after 11470	6 00
Attle	Beater shaft, 1¼x88", 60" Separators, after 11470	6 00
Attelent	Beater shaft, 1¼x92", 64" Separators, after 11470	6 00
Award	Cylinder shaft belt, 22x36", 1¼x59", 17522 to 25900	8 00
Dammara	Cylinder shaft belt, 2x59", 22x36", 25900 to 33366	8 50
Danseuse	Cylinder shaft belt, 1½x59", 22x36" after 33365	8 50
Dacoit	Cylinder shaft belt, 28x40", Junior 1¼x63", 17522 to 25936	8 00
Damourite	Cylinder shaft belt, 2x63", 28x40" Junior, after 25935	8 50
Danish	Cylinder shaft belt, 28x46", Junior 2x70", 33064 to 33366	10 00
Dansy	Cylinder shaft belt, 28x46" Jr., 1½x70", after 33365	10 00
Aume	Cylinder shaft belt, 28x40", 2¼x65", 12367 to 33366	11 00
Audience	Cylinder shaft belt, 30x46", 2¼x68", 12367 to 33366	11 00
Dabber	Cylinder shaft belt, 30x52", 2¼x77¼", 12367 to 33366	13 00
Dantonist	Cylinder shaft belt, 30x52", 2¼x77¼", after 33365	13 00
Audient	Cylinder shaft belt, 32x52", 2¼x77¼", 11471 to 33366	13 00
Dabbing	Cylinder shaft belt, 32x56", 2¼x81", 11471 to 33366	13 00
Dant	Cylinder shaft belt, 32x56", 2¼x81½", after 33365	14 00
Audit	Cylinder shaft belt, 36x56", 2¼x81", 11471 to 33366	13 00
Dabble	Cylinder shaft belt, 36x60", 2¼x85", 11471 to 33366	14 00
Dantesque	Cylinder shaft belt, 36x60", 2¼x85", after 33365	14 00
Audition	Cylinder shaft belt, 40x60", 2¼x85", 11471 to 33366	14 00
Auditive	Cylinder shaft belt, 44x64", 2¼x89", 11471 to 33366	15 00
NOTE: Shoulder for outside heads on cylinder shafts is 2.215 for regular separators 11471 to 33064 and 2 7/32", 33064 to 33366.		
Allay	Elevator shaft top, ¾x11½", 36", 40" Jr. Wood Sepr., 7850 to 33064	50
Allegation	Elevator shaft, top, ¾x12½", 46" Jr. Steel, after 33365	50
Alliant	Elevator shaft top, ¾x15½", 40", 46", 52" Separators, 14596 to 20681, 56", 60", 64", 7851 to 20681	50
Dad	Elevator shaft top, ¾x14", 40", 46", 52", 56", 60", 64" Wood Separators, 20681 to 33366	50
Dampy	Elevator top shaft ¾x13", 40", 46", 52", 56", 60", 64" Steel Separator, after 25678	50
Daddle	Elevator shaft bottom, ¾x9¼", 36", 40", 46", 52", 56", 60", 64" Wood Separators, 20681 to 33366	50
Damsel	Elevator bottom shaft, ¾x8¼", 36", 40", 46", 52", 56", 60", 64" Steel Separators, after 23329	50
Azulmin	Fan shaft, 1½x56", 36" Separator, 17522 to 25900	4 00
Damp	Fan shaft, 1½x56", 36" Junior Separator, after 25899	5 00
Adviseful	Fan shaft, 1½x60", 40" Regular, 16037 to 25956, 40" Junior Separator 16037 to 25936	5 00
Dampen	Fan shaft, 1½x61", 40" Junior, after 25935, 40" Regular, after 25955	5 00
Avocate	Fan shaft, 1½x66", 46" Separator, 16037 to 26040	5 00
Damper	Fan shaft, 1½x66¾", 46" Junior or Regular, after 26039	5 00
Avocation	Fan shaft, 1½x72¾", 52" Separator, after 16036	6 00
Avocated	Fan shaft, 1½x76¾", 56" Separator, after 16098	6 00
Avocato	Fan shaft, 1½x80¾", 60" Separator, after 16036	6 00
Avocet	Fan shaft, 1½x84¾", 64" Separator, after 16036	6 00
Awarder	Shaker crank shaft, 3 cranks, 1½x60", 36" Jr. Separator, 17522 to 28106	12 00
Dap	Shaker crank shaft, 3 cranks, 1½x62", 36" Jr. Steel, after 33365	13 00
Danaite	Shaker crank shaft, 3 cranks, 1½x60", 36" Jr. Wood, 28105 to 33064	13 00
Daddock	Shaker crank shaft, 3 cranks, 1¼x68", 40" Junior, 19429 to 25936	12 00
Dampish	Shaker crank shaft, 4 cranks, 1½x64", 40" Junior, 25936 to 28131	13 00
Dance	Shaker crank shaft, 4 cranks, 1½x64", 40" Jr., after 28130	14 00
Danite	Shaker crank shaft, 4 cranks, 1½x72½", 46" Junior Steel, after 31109	14 00
Aura	Shaker crank shaft, 4 cranks, 1½x68", 40", 12367 to 28041	13 00
Dancer	Shaker crank shaft, 4 cranks, 1½x68", 40", 28041 to 33064	14 00
Attrat	Shaker crank shaft, 4 cranks, 1½x74", 46" Separator, 11471 to 28039	13 00
Danalite	Shaker crank shaft, 4 cranks, 1½x74", 46", 28039 to 33366	14 00
Attrite	Shaker crank shaft, 4 cranks, 1½x80¼", 52" Separator, after 11470	14 00
Attune	Shaker crank shaft, 4 cranks, 1½x84¼", 56" Separator, after 10734	14 00
Attwain	Shaker crank shaft, 4 cranks, 1½x88¼", 60" Separator, after 10734	14 00
Atween	Shaker crank shaft, 4 cranks, 1½x92¼", 64" Separator, 10735 to 31110	14 00
Abase	Shoe crank shaft, 1¼x48", 36" Separator, after 10734	8 00
Abash	Shoe crank shaft, 1¼x52", 40" Jr. and Regular Separator, after 10734	8 00

SEPARATOR SHAFTS—Continued

Cipher	Number		Price
Atwist		Shoe crank shaft, $1\frac{1}{2}$ x58", 46" Junior or Regular Separator, after 11470	8 00
Abate		Shoe crank shaft, $1\frac{1}{2}$ x64", 52" Separator, after 10734	8 00
Abba		Shoe crank shaft, $1\frac{1}{2}$ x68", 56" Separator, after 10734	8 00
Abness		Shoe crank shaft, $1\frac{1}{2}$ x72", 60" Separator, after 10734	8 00
Abbey		Shoe crank shaft, $1\frac{1}{2}$ x76", 64" Separator, after 10734	8 00
Aforehand		Shaft to 3rd shaker, $1\frac{1}{2}$ x43 $\frac{1}{2}$ ", 36" Separator, after 17521	4 00
Aubain		Shaft to 4th or 5th shaker, $1\frac{1}{2}$ x47 $\frac{1}{2}$ ", 40" Separator, after 11470	4 00
Auburn		Shaft to 4th or 5th shaker, $1\frac{1}{2}$ x53 $\frac{1}{2}$ ", 46" Junior or Regular Separator, after 11470	4 00
Auriga		Shaft to 4th or 5th shaker, $1\frac{1}{2}$ x59 $\frac{1}{2}$ ", 52" Separator, after 12366	5 00
Auction		Shaft to 4th or 5th shaker, $1\frac{1}{2}$ x63 $\frac{1}{2}$ ", 56" Separator, after 10734	5 00
Astart		Shaft to 4th or 5th shaker, $1\frac{1}{2}$ x67 $\frac{1}{2}$ ", 60" Separator, after 9098	5 00
Asterisk		Shaft to 4th of 5th shaker, $1\frac{1}{2}$ x71 $\frac{1}{2}$ ", 64" Separator, after 9098	5 00

SEPARATOR TRUCKS

Abrahamitical	F 198	Holder for Sepr. brake arm, Wood Sepr., 11471 to 33366	1 00
Abrahamidae	F 199	Shoe for Sepr. brake, Wood Separators, 3744 to 33366, 36", 46" Jr. Steel after 25678	1 00
Abrotanoid	R 239	Thimble skein, R. H., $3\frac{1}{2}$ x10", water tank and horsepowers, since the year 1898, 36" Jr. Separators, 17522 to 25900, 40" Jr. Separator, 20681 to 25936	3 00
Abruptness	L 242	Thimble skein, L. H., $3\frac{1}{2}$ x10", water tank and horsepowers, since the year 1898, 36" Jr. Separators, 17522 to 25900, 40" Junior Separators, 20681 to 25936	3 00
Abrupted	R 243	Thimble skein, R. H., $4\frac{1}{2}$ x12", 40", 12367 to 25680, 46" Separators, 12367 to 23323, 52" Separators, 11471 to 16037	3 00
Abruptly	L 244	Thimble skein, L. H., $4\frac{1}{2}$ x12", 40", 12367 to 25680, 46" Separators, 12367 to 23323, 52" Separator, 11471 to 16037	3 00
Aerophone	2087	Half axle sand plate, 40" Junior Wood Separators, 20681 to 33064, 36" Junior Wood, 28000 to 33064	3 00
Aface	2089	Axle half sand plate, 56", 60", 64" Wood Separators, 9099 to 33064 52" Wood Separator, 10735 to 33064, 40", 46" Steel Separators, 23330 to 26051	3 00
Agalma	2169	Ratchet for brake on all Wood Separators, 10735 to 33366	75
Akebia	2355	Clamp to end steel bolster, 40", 46", 52", 56", 60", 64" Wood Separators, 11471 to 33366, 36" Jr. Wood, 28000 to 33064	75
Alatyan	2397	Sand plate for front bolster, 52", 56", 60", 64" Wood Separators, 40" 46", 52", 56", 60", 64" Steel Separators, after 11470	8 00
Albuminous	2437	Sand plate, front bolster, 40" Junior Separators, after 20680, 36" 46" Junior, after 27999	5 00
Alicant	2535	Sand plate, front bolster, 40", 46" Wood Separators, 12367 to 33366	5 50
Alichel	2536	Axle half sand plate, 40", 46" Wood Separators, 12367 to 33366	3 00
Alkanet	2583	Turnbuckle sill, end on bolster jack, Wood Sepr., 13319 to 33366	75
Allodium	2662	Turnbuckle, axle end Wood Separator, 11471 to 33366	75
Allograph	2664	Bolster jack, with No. 2583-2662 complete, Wood Separator, 14093 to 33366	2 50
Alloidea	2665	Cap nut to steel axle, 60", 64" Separators, after 14092, 56" after 14729, 52" Separators, after 16036, 40", 46", after 23321	1 00
Allopathist	2671	Truss holder end of saddle, Wood Separators, 60", 64", 14093-33064, 56", 14730 to 33064, 52", 16037 to 33064, 40", 46", 23322 to 33366	2 50
Amid	2976	Axle bracket, rear, Wood Separators, 40", 46", 23322 to 33366, 52", 56", 60", 64", 16037 to 33064	4 50
Analogium	3141	Sand plate ball, 36" Separators, 17522 to 28000	4 00
Analogize	3142	Sand plate, half to axle, 36" Separators, 17522 to 28000	2 50
Analyst	3149	Clamp to end steel bolster, 36" Wood Separator, 17522 to 28000	50
Annulata	3411	Axle bracket, rear, 40" Jr. Wood Separator, 25936 to 33064, 36", Junior Wood Separator, 25900 to 33064	3 00
Annulate	3412	Axle truss holder end of saddle 40" Junior Wood Separator, 25936 to 33064, 36" Junior Wood Separator, 25900 to 33064	1 00
Annulation	3413	Axle cap nut, 40", 46" Junior, after 25935, 36" Junior, after 25899	75
Aqueous	3751	Axle rear bracket, 52", 56", 60" Steel Sepr., after 33365	7 00
Arabian	3763	Axle bracket, 36", 46" Steel Sepr., after 33365	6 00
Archeo	3835	Axle rear bracket, 40", 46", 52", 56", 60", 64" Steel Separator, 26577 to 33366	7 00
Archetto	3838	Axle half sand plate, 36", 40", 46" Junior Steel Separator, after 24401	2 00
Archetype	3839	Front axle channel spreader, center, 36", 40", 46" Jr. Steel Sepr., after 24401	50
Archeus	3840	Front axle channel spreader, ends, 36", 40", 46" Jr. Steel Sepr., after 24401	50

SEPARATOR TRUCKS—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Archimedean	3846	Axle bracket, rear, 36", 40", 46" Junior Steel Separator, 24402 to 33366	6 00
Ardentness	3880	Sand plate half, 40", 46" Steel Separators, after 26050, 52", 56", 60" 64" Steel Separator, after 25678.	3 00
Argemone	3925	Front axle channel spreader, center, 40", 46", 52", 56", 60", 64" Steel Sepr., after 23329.	50
Argent	3926	Front axle channel spreader, ends, 40", 46", 52", 56", 60", 64" Steel Sepr., after 23329.	50
		Axle, front or rear, wood, without skeins, to 48" Separator inclusive, \$4.00, 52" and above, give length and number of Separator.	5 00
		Axle, front or rear, wood, with skeins, to 48" Separator inclusive \$10.00, 52" and above give length and number of Separator.	11 00
Bestir		Bolster steel to front axle, from sand plate to side sill, 36", \$3.00, Ease 40" Junior., \$3.00, Bedlam 40" \$4.00, Bedraggle 46", \$4.00, Beetle 52" \$4.00, Befall 56" \$4.00, Befitting 60" \$5.00, Befoul 64" Separators \$5.00, after 11470	
Benefactor		Brake wood shoe block, no casting	50
Backward		Neck yoke	1 50
Benefit		Thumb screw to oil wheels, $\frac{3}{8}$ " pipe thread, after 11470.	15
Banneret		Tongue, jointed, 33" draw irons, 36", 40" Junior Separator and water tank trucks.	12 00
Baneberry		Tongue, steel, jointed, 33" draw irons, 52" Separators before 18425, 36", 40", 44", 46", 48" after 1950, T \$15.00, pole \$3.00, complete.	18 00
Ballot		Tongue, steel, jointed, 49" draw irons, 52" Separator, after 18426, 56", 60", 64" Separators, after 1950, T \$15.00, pole \$3.00, complete	18 00
Beggar		Wheel, steel, 3 $\frac{1}{2}$ x10" bore, 32x6" tire, horsepower and water tanks, after year 1905, 22x36", Junior Separator, 16744 to 25900, 28x40" Junior Separator, 20681 to 25935.	18 00
Begrease		Wheel, steel, front or rear, 4 $\frac{1}{2}$ x12" bore, 38x6" tire, 40", 46" Separators, 12367 to 23322.	20 00
Edit		Wheel, steel, front or rear, 2 $\frac{1}{4}$ x8 $\frac{3}{8}$ " bore, 32x6" tire, 40", 46" Junior, after 25935, 36" Junior, after 25899.	18 00
Earth		Wheel, steel, front or rear, 2 $\frac{3}{4}$ x12" bore, 38x6" tire, 40", 46" Separators, after 23321.	20 00
Benevolent		Wheel, steel, front or rear, 2 $\frac{3}{4}$ x12" bore, 38x10" tire, 56" Separator, after 15324, 60", 64" Separator, after 14092.	30 00
Bengal		Wheel, steel, front or rear, 2 $\frac{3}{4}$ x12" bore, 38x8" tire, 52" Separator, after 16036.	25 00
Baggage		Whiffletrees, complete.	3 50
Elapse		Wood saddle to front steel axle, 36", 40" Junior, 40", 46", \$2.50, 52", 56", 60", 64". Give Separator Number.	3 00

BELTS

Facer		Beater belt, 5' 10" x 4 $\frac{1}{2}$ " cylinder to beater, 36" Junior, after 29696, 40", Junior Separator, after 23611.	5 25
Causeful		Conveyor belt, 4' 9" x 2", straight, 36", 40", 46", after 17521.	1 45
Causey		Conveyor belt, 4' 11" x 2", crossed, 36", 40", 46" Junior, after 17521	1 50
Caudate		Conveyor belt, 5' 3" x 3", crossed, 52", 56", 60", 64" Separators, after 16036	3 15
Caudex		Conveyor belt, 5' 1" x 3", straight, 52", 56", 60", 64" Separators, after 16036	3 05
Cedry		Elevator belt, 8' 2" x 2", 36", 40" Junior Hand Feed Separators, 17522 to 26758.	2 45
Faciate		Elevator belt, 6' 7" x 2", 36", 40", Junior, after 16743.	2 00
Factionous		Elevator belt, 6' 3" x 2", 46" Jr. Steel Sepr., after 33063.	1 90
Causable		Elevator belt, 6' 10" x 2 $\frac{1}{2}$ ", 40", 46" Separators, after 17521, 52", 56", 60", 64" Separators, after 16036.	3 10
Caustical		Fan belt, 13' 8" x 4", crossed 36", 46" Jr. Wood, 17522 to 33064.	10 90
Facsmile		Fan belt, 13' x 4", 36", 46" Jr. Steel, after 31109.	10 40
Cavy		Fan belt, 18' x 4", 40", 46" Separators, 17522 to 33066.	14 40
Caustic		Fan belt, 17' 5" x 4", 46" Separator, 33065 to 33366.	13 95
Caudle		Fan belt, 18' 3" x 4 $\frac{1}{2}$ ", 52" Wood Sepr., 16037 to 33064.	16 40
Casuist		Fan belt, 17' 9" x 4 $\frac{1}{2}$ ", 52" Steel Separator, after 33064.	16 00
Cauf		Fan belt, 18' 3" x 5", 56", 60", 64" Wood Sepr., 16037 to 33064.	18 25
Cabinet		Fan belt, 17' 9" x 5", 56", 60" Steel Separators, after 33064.	17 75
Clipping		Governor belt, 1 $\frac{1}{2}$ " x 12' 4", 10, 13-H. single engines, after 8071.	3 10
Clips		Governor belt, 1 $\frac{1}{2}$ " x 13' 10", 16-H. single engines, after 8071.	3 45
Facile		Governor belt, 1 $\frac{1}{2}$ " x 13' 10", 20-H. S., after 8071.	3 45
Facilitate		Governor belt, 1 $\frac{1}{2}$ " x 14' 4", 25-H. S., after 8071.	3 60
Clipt		Governor belt, 1 $\frac{1}{2}$ " x 15' 6", 30-H. single engines, after 8071.	3 85
Clitch		Governor belt, 1 $\frac{1}{2}$ " x 11' 4", 16, 20, 25-H. double engines, after 9610.	2 80
Clite		Governor belt, 1 $\frac{1}{2}$ " x 12' 5", 30, 35-H. double engines, after 10433.	3 10

BELTS—Continued

<i>Cipher</i>	<i>Number</i>	<i>Price</i>
Cautel	Raddle stacker belt, 22' 10"x3", beater to stacker, 36", 40", 46" Junior Separators, after 17521	13 70
Facie	Self-feeder drive belt, 16'x4", 22", 28" Junior Universal, 22097 to 33366	12 80
Factor	Feeder drive belt, Universal, 15'10"x4", 22", 28" Jr. after 33365	12 65
Cedilla	Self-feeder drive belt, Universal, 16'10"x4", 28", 30" Feeders, 14093 to 31110	13 50
Cask	Self-feeder drive belt, Universal, 16' 10"x4½", 32", 36", 40", 44", after 14092	15 15
Caulis	Self-feeder pan belt, Universal feeders, 6' 2"x2½" feeders, 701 to 4483	2 80
Fable	Self-feeding pan belt, Universal, 7' 9"x2½", after feeder 4482	3 50
Cauma	Self-feeding change speed belt, Universal feeders, 9' 2"x2½", Separators, 16744 to 20681	4 15
Faba	Self-feeder belt drives raddle, 5' 9"x4", after 20680	4 60
Capouch	Shaker beater belt, 18'4"x5", 52", 56", 60", 64" Wood Sepr., 10735 to 33064	18 25
Factored	Shaker beater belt, 18'7"x5", 52", 56", 60" Steel Sepr. after 33365	18 50
Cavate	Shaker beater belt, 17'x4½", 40", 46" Separators, 17522 to 23322	15 30
Caution	Shaker beater belt, 15'6"x4½", 36", 40" Wood Sepr., 17522 to 33064	14 00
Fact	Shaker beater belt, 15'x4½", 36", 46" Jr. Steel, after 31109	13 50
Facially	Shoe shake belt, 13' 3"x2½", 52", 56", 60", 64" Wood Separators, 22662 to 33064	6 00
Faction	Shoe shake belt, 11' 10"x2½", 52", 56", 60", 64" Steel Separators, 22097 to 33064	5 30
Cadence	Shoe shake belt, 12' 11"x2½", 52", 56", 60" Steel Separators, after 33063	5 80
Cautery	Shoe shake belt, 10' 9"x2", 40" Junior, 16744 to 31110, 36" Junior Wood Separator, 17522 to 33064	3 25
Factabling	Shoe shake belt, 11'9"x2", 40" Junior Wood Sepr., 31110 to 33064	3 55
Canto	Shoe shake belt, 11'11"x2", 36", 46" Jr. Steel Sepr, after 33063	3 60
Fabian	Shoe shake belt, 12'10"x2", 52", 56", 60", 64" Separators, 10735 to 23322 40", 46" Wood Sepr., 10735 to 33064	3 85
Facetious	Self-feeder 14' or 20' extension V belt 19" Separator, 16744 to 25679	14 25
Facient	Self-feeder 14' or 20' extension V belt, 17' 4", after Separator 25678	13 00
Fabricant	Wind Stacker belt, gearless, 30'x4", 36" Jr. Wood, 16744 to 33064	18 30
Factorial	Wind Stacker belt, gearless, 29'4"x4", 36" Jr. Steel Sepr., after 33063	17 90
Capivi	Wind Stacker belt, gearless, 30'x4½", 40" Jr. Wood, 16744 to 33064	20 40
Caperclaw	Wind Stacker belt, gearless, 30'x4½", 46" Jr. Steel Stackers, 25495 to 26638	20 40
Capon	Wind Stacker belt, gearless, 29'6"x4½", 46" Jr. Steel, after 26637	20 00
Fabricate	Wind Stacker belt, gearless, 36' 10"x4½", 40", 46" Wood, 14592 to 31110	25 15
Fabrile	Wind Stacker belt, gearless, 37'x5", 52" Wood Sepr., 14593 to 33064	28 10
Facient	Wind Stacker belt, gearless, 37' 4"x5", 52" Steel Separator, after 23329	28 40
Fabulist	Wind Stacker belt, gearless, 37' 2"x5", 56", 60", 64" Stackers on Wood Separators, 14593 to 33064	28 25
Facies	Wind Stacker belt, gearless, 37' 6"x5", 56", 60" Steel Separators, after 23329	28 50
Cashew	Lace leather string	10

TEETH

Caliber	No. 1 Cylinder bar tooth, without nut, 24", 28", 30", 32" cylinder, 10735 to 11471, all cylinders before 10735	12
Calico	No. 2 Cylinder ear tooth, without nut, 24", 28", 30", 32" cylinder, 10735 to 11471, all cylinders before 10735	12
Calliper	No. 3 Cylinder head tooth, without nut, 24", 28", 30", 32" cylinder, 10735 to 11471, all cylinders before 10735	12
Callph	No. 4 Concave tooth, without nut, 2614 to 13319, 22" concaves, 17522 to 25754	12
Caprice	No. 14 Cylinder bar tooth, without nut, 36", 40", 44" cylinder, 10735 to 11471, 22", 28" Junior cylinders, after 17521	15
Capricorn	No. 15 cylinder ear tooth, without nut, 22", 28" Junior, after 17521	15
Carat	No. 21 Cylinder bar tooth, without nut, 28", 30", 32", 36", 40", 44" cylinders, after 11470	16
Caravan	No. 22 Cylinder ear tooth, without nut, 28", 30", 32", 36", 40", 44" cylinders, after 11470	16
Caravel	No. 23 Cylinder head tooth, without nut, 11471 to 13319	16
Cascade	No. 24 Concave tooth, ¾" shoulder, without nut, 28" Junior, 28", 30", 32", 36", 40", 44" cylinders, after 13318, 22" Junior after 25753	16

TEETH—Continued

Cipher	Number		Price
Casebate		No. 26 Concave corrugated tooth, for clover, tough grain, without nut, 28" Jr., 28", 30", 32", 36", 40", 44" cylinders, after 13318, 22" Jr., after 25753.	16
Captation		Lock washer for cylinder tooth, $\frac{1}{8}$ ", for No. 21, 22, 23, 24, 26, teeth, after 11470	02
Casque		Lock washer for teeth No. 1, 2, 3, 4, 5, 12, 13, 14, 15, 16, $\frac{9}{16}$ " hole	02
Calk		Nut $1\frac{1}{2} \times \frac{3}{8}$ " for No. 1, 2, 3, 4-5-12-13 cylinder tooth, before 10735, concave teeth, before 13319	03
Caprine		Nut $1\frac{1}{2} \times \frac{9}{16}$ " for No. 14, 15, 16 cylinder teeth	03
Caraway		Nut $1\frac{1}{2} \times \frac{3}{8}$ " for No. 21, 22, 23, 24, 26 cylinder teeth	03
Caviar		Full set teeth, 22" cylinder 12 bars, has 36 No. 14, 21 No. 15, with nuts and washers, after 17521	11 40
Gizzard		Full set teeth, 28" cylinder, Junior, 12 bars, has 51 No. 14, 21 No. 15 teeth, with nuts and washers	14 40
Cassia		Full set teeth, 28" cylinder 16 bars, has 68 No. 21, 36 No. 22, total 104, with nuts and washers, after 13318	21 84
Cassock		Full set teeth, 30" cylinder 16 bars, has 64 No. 21, 48 No. 22, total 112, with nuts and washers, after 13318	23 52
Caste		Full set teeth, 32" cylinder 16 bars, has 72 No. 21, 48 No. 22, total 120, with nuts and washers, after 13318	25 20
Castellan		Full set teeth, 36" cylinder 16 bars, has 88 No. 21, 48 No. 22, total 136, with nuts and washers, after 13318	28 56
Caster		Full set teeth, 40" cylinder 16 bars, has 100 No. 21, 48 No. 22, total 148, with nuts and washers, after 13318	31 08
Castigate		Full set teeth, 44" cylinder 16 bars, has 116 No. 21, 48 No. 22, total 164, with nuts and washers, after 13318	34 44

CONCAVES AND GRATES

Agrestian	2280	Check grate side, R. H., 36", 40", 44" cylinder, after 10734, 24", 28" 30", 32" cylinder, after 11470	1 50
Agria	2281	Check grate center, 36", 40", 44" cylinder, after 10734, 24", 28", 30", 32" cylinder, after 11470	1 00
Agricole	2282	Check grate side, L. H., 36", 40", 44" cylinder, after 10734, 24", 28" 30", 32" cylinder, after 11470	1 50
Aid	2323	Feed board rest, 36" cylinder, after 10734	3 00
Aiglet	2324	Feed board rest, 40" cylinder, after 10734	3 25
Aiguere	2326	Feed board rest, 32" cylinder, after 10734	2 75
Aiver	2345	Feed board rest, 30" cylinder, after 11470	2 50
Albedo	2410	Concave holder, R. H., 28", 30", 32", 36", 40", 44" cylinder, after 11470	4 00
Albeit	2411	Concave holder, L. H., 28", 30", 32", 36", 40", 44" cylinder, after 11470	4 00
Alberrite	2415	Feed board rest, 28" cylinder, after 12366, 28" Junior, 17522 to 26912	2 00
Allamort	2600	Concave, 28" cylinder, after 13318	5 00
Allanite	2601	Concave, 30" cylinder, after 13318	5 50
Allant	2602	Concave, 32" cylinder, after 13318	6 00
Allayment	2603	Concave, 36" cylinder, after 13318	6 50
Allecret	2604	Concave, 40" cylinder, after 13318	7 00
Allect	2605	Concave, 44" cylinder, after 13318	8 00
Analog	3138	Check grate side, R. H., 22", 28" Junior cylinder, after 17521	50
Analogical	3139	Check grate side, L. H., 22", 28" Junior cylinder, after 17521	50
Analogism	3140	Check grate center, 22", 28" Junior cylinder, after 17521	50
Analogizing	3143	Concave, 22" cylinders (for No. 4 teeth), 17522 to 25754	4 00
Analogon	3144	Concave holder, L. H., 22", 28" Junior cylinder, 17522 to 26912	1 25
Analogous	3145	Concave holder, R. H., 22", 28" Junior cylinder, 17522 to 26912	1 25
Anamesite	3153	Feed board rest, 22" cylinder, 17522 to 26912	1 25
Anatron	3206	Clover concave for three rows, 22" cylinder, after 17521	5 00
Andra	3234	Concave, 28" Junior cylinder, after 18424	5 00
Anent	3251	Clover concave, for 3 rows No. 26 teeth, 28" Junior after 17521	6 00
Anguine	3302	Concave holder, R. H., 22-28" Jr., after 26911	2 00
Anguiped	3303	Concave holder, L. H., 22-28" Jr., after 26911	2 00
Animant	3339	Concave, 22" cylinder, after 25753, (for No. 24 teeth)	4 00
Anode	3427	Feed board rest, 22" Junior cylinder, after 26911	1 75
Anodic	3428	Feed board rest, 28" Junior cylinder, after 26911	2 00
Arbuscular	3820	Holder for check grate, R. H., 46" Jr. 31226 to 33366, 52", 56", 60" Steel Separator, after 31225	75
Arbuscule	3821	Holder for check grate, L. H., 46" Jr. 31226 to 33366, 52", 56", 60" Steel Separator, after 31225	75
Arduously	3885	Holder for check grate, R. H., Steel Separator, 24402 to 31226	75
Arduousness	3886	Holder for check grate, L. H., Steel Separator, 24402 to 31226	75
Cavil		5" grate, wrought iron, $\frac{1}{2}$ " ends notched, 22" cylinder, Garter 28" Junior cylinder, 17522 to 26757	1 50
Girdle		5" grate, wrought iron, 1" ends straight, 22" cylinder, Girl 28" Junior Wood or Steel, after 26756	1 50

CONCAVES AND GRATES—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Capitular	5"	grate, wrought iron, 1" straight ends, 28" cylinder, Carapax 30", Caramel 32", Capstan 36", Capstone, 40", Capsular 44", after 10734	1 50
Gasby	7"	wrought iron grate, straight ends, 22", after 17521	2 00
Gise	7"	wrought iron grate, straight ends, 28" Junior Wood or Steel, after 19428	2 00
Cavicorn	8"	grate, wrought iron, straight ends, 28" cylinder, Carafe 30", Caracal 32", after 11470	2 50
Capsulate	8"	grate, wrought iron, straight ends, 36", Capsule 40", Captain 44", after 10734	2 50
		Check grate or Man Behind Gun, give separator number	10 00

SHOE

Afflict	2128	Side plate to rear end of shoe, after 9996	25
Aggravation	2192	Pitman hub on side of end shake shoe, after 10734	75
Aggregant	2193	Sieve rest front end shake shoe, after 10734	30
Agnition	2240	Pitman strap end shake shoe, all Wood Separators, after 10734	75
Agnize	2241	Hub for hanger end shake shoe, after 10734	50
Agonic	2254	Hub on shoe for pitman to shake spout, 40", 46", 52", 56", 60", 64" Wood Separators, 10735 to 33366, 36", 40", Jr., 10735 to 26927	50
Agonious	2255	Hub on shake spout to shoe for pitman, after 10734	30
Agua	2305	Sieve holder, R. H., after 10734	50
Aguara	2306	Sieve holder, L. H., after 10734	50
Ague	2307	Support for sieve holders, 2305 and 2306, after 10734	25
Agulla	2308	Rake holder, R. H., after 10734	15
Agulse	2309	Rake holder, L. H., after 10734	15
Aguish	2310	Sieve jamb front side shoe, after 10734	25
Alkaline	2578	Holder for shake arm to shoe spout, 36", 40" Junior Wood Separators, 17522 to 29744	1 25
Alkalinity	2579	Shake arm to shoe spout, 13319 to 16037	1 00
Ammoniac	2994	Shake arm for shoe spout, 40", 46", 52", 56", 60", 64" Wood Separators, 16037 to 29744	1 00
Ammonian	2995	Holder for shake arm No. 2994, 16037 to 29744	1 50
Anammonata	3157	Shake arm for shoe, 36", 40" Junior Wood Separators, 17522 to 29744	75
Annum	3419	Hub on shoe for pitman to shake spout, 36", 40" Jr. Wood Separator 26927 to 33064	75
Anomaly	3440	Holder for shake arm Wood Sepr., 29744 to 33366	1 50
Anomean	3441	Shake arm for shoe spout, Wood Sepr., 29744 to 33366	1 25
Argue	3953	Holder for shake arm to tailing spout, Steel Separator, after 23329	1 00
Argument	3954	Hub on shoe hanger and tailing pitman, Steel Separator, after 23329	75
Armenian	3987	Arm to shake tailing spout, Steel Separator, after 23329	75
Enarch		Hanger arm to shoe, 8" center holes, 10735 to 24402	50
Habitant		Hanger arm to shoe, 7 $\frac{3}{8}$ " center holes, 40", 46", 52", 56", 60", 64", Wood Separator, 24401 to 33366	50
Hacket		Hanger arm to shoe, 5 $\frac{1}{2}$ " center holes, 36", 40", 46" Junior Separator, after 24400	50
Habitated		Hanger arm to shoe, 7 $\frac{3}{8}$ " center holes 40", 46", 52", 56", 60" Steel Sepr. 24402 to 29731	50
Habituate		Hanger arm to shoe, 6 $\frac{1}{2}$ " center holes 40", 46", 52", 56", 60" Steel Sepr. after 29730	50
Engle		Pin for shoe shake arm, 1 $\frac{1}{2}$ x2 $\frac{1}{4}$ ", after 10734	50
Empuse		Perforated shoe rake, 36", Empurple 40", Enbibe 46", Junior and Regular, Emulation 52", Emulator 56", Emule 60", Emulge 64" Separators, after 10734	1 50
Avant		Shaft for shoe shake holder, 7 $\frac{1}{8}$ x5", drilled for grease cup, Wood Separators, 16036 to 29744	50
Danger		Shaft for shoe shake holder, 7 $\frac{1}{8}$ x5" (Not drilled for grease cup), all Wood Separators, 29744 to 33366	50
Daniel		Shaft for shoe shake holder, 1x $\frac{3}{4}$ x5", all Steel Separators, after 23329	50
Danicism		Shaft for shoe shake holder, 7 $\frac{1}{8}$ x4", 36", 40" Junior Wood Separator, 17522 to 29744	50
		Shoe with tailing spout, Junior and 46" Separators, \$25.00, 52", 56" 60", 64" Separators, give number of Separator	30 00
Energie		Sieve holder No. 2305-2307 and springs complete. R. H., after 10734	1 00
Energize		Sieve holder, No. 2306-2307 and springs complete. L. H., after 10734	1 00
Enervate		Spring for sieve holder, 1 $\frac{1}{2}$ x1 $\frac{1}{4}$ ", after 10734	15
		Tailing spout, give length and Separator number, Wood Sepr.	4 00
		Tailing spout, give length and Separator number, Steel Sepr.	5 00
Emulous		Wire shoe rake, 36", Emulsic 40", Junior and Regular, Enclave 46", Junior and Regular, Enactive 52", Enactor 56", Enamel 60", Enamor 64", Separators, after 10735	1 50

SIEVES

ADJUSTABLE SIEVES

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Endanger.....	31"	wide x 35½" long, 36" Junior Separator.....	14 00
Hallow.....	35"	wide x 35½" long, 40" Junior, before Separator 31110.....	15 00
Habituation.....	35"	wide x 41½" long, 40" Junior, after Separator 31109.....	15 00
Endear.....	35"	wide x 46" long, 40" Separator.....	16 00
Hadean.....	41"	wide x 41½" long, 46" Junior Separator, after 33063.....	16 00
Endeavor.....	41"	wide x 46" long, 46" Separator.....	17 00
Endive.....	47"	wide x 46" long, 52" Separator.....	18 00
Endless.....	51"	wide x 46" long, 56" Separator.....	19 00
Endmost.....	55"	wide x 46" long, 60" Separator.....	20 00
Endorser.....	59"	wide x 46" long, 64" Separator.....	21 00

Upper Sieve for Grain or Lower Sieve for Oats and Rice, ½x1¼" Hole

Engrail.....	31"	wide x 35" long, 36" Junior Separator.....	6 00
Hab.....	35"	wide x 35½" long, 40" Junior, before Separator 31110.....	6 25
Habitude.....	35"	wide x 41½" long, 40" Junior, after Separator 31109.....	6 25
Empower.....	35"	wide x 46" long, 40" Separator.....	6 25
Hadrome.....	41"	wide x 41½" long, 46" Junior Separator, after 33063.....	6 50
Encostic.....	41"	wide x 46" long, 46" Separator.....	6 75
Emptier.....	47"	wide x 46" long, 52" Separator.....	7 25
Emptiness.....	51"	wide x 46" long, 56" Separator.....	7 50
Emption.....	55"	wide x 46" long, 60" Separator.....	7 75
Empugn.....	59"	wide x 46" long, 64" Separator.....	8 00

No Choke Upper Sieve 2½ x ½" Hole

Engloom.....	31"	wide x 35½" long, 36" Separator Junior.....	7 00
Habitat.....	35"	wide x 35½" long, 40" Junior, before Separator 31110.....	7 50
Habitus.....	35"	wide x 41½" long, 40" Junior, after 31109.....	7 50
Nerve.....	35"	wide x 46" long, 40" Separator.....	8 00
Haffet.....	41"	wide x 41½" long, 46" Junior Separator, after 33063.....	8 00
Enfeeble.....	41"	wide x 46" long, 46" Separator.....	8 50
Enflesh.....	47"	wide x 46" long, 52" Separator.....	9 00
Enfold.....	51"	wide x 46" long, 56" Separator.....	9 50
Enforce.....	55"	wide x 46" long, 60" Separator.....	10 00
Enform.....	59"	wide x 46" long, 64" Separator.....	10 50

Cheat Screen, Steel, ½ x ¼" Hole

Engross.....	31"	wide x 31" long, 36" Separator Junior.....	5 00
Habber.....	35"	wide x 31" long, 40" Junior, before Separator 31110.....	5 25
Ember.....	35"	wide x 37" long, 40" Regular, 40" Junior, after Separator 31109.....	5 25
Exchanger.....	41"	wide x 37" long, 46" Junior and Regular Separators.....	5 75
Emboil.....	47"	wide x 37" long, 52" Separator.....	6 25
Embollic.....	51"	wide x 37" long, 56" Separator.....	6 50
Embolism.....	55"	wide x 37" long, 60" Separator.....	6 75
Embolite.....	59"	wide x 37" long, 64" Separator.....	7 00

Barley, Speltz, Buckwheat, Rice, Bean, Pea, Steel, ¾" Hole

Englut.....	31"	wide x 35½" long, 36" Separator Junior.....	6 00
Hability.....	35"	wide x 35½" long, 40" Junior, before Separator 31110.....	6 25
Habuka.....	35"	wide x 41½" long, 40" Junior, after 31109.....	6 25
Emolliate.....	35"	wide x 46" long, 40" Separator.....	6 25
Haffle.....	41"	wide x 41½" long, 46" Junior Separator, after 33063.....	6 50
Encamp.....	41"	wide x 46" long, 46" Separator.....	6 75
Emongst.....	47"	wide x 46" long, 52" Separator.....	7 25
Emotion.....	51"	wide x 46" long, 56" Separator.....	7 50
Emotive.....	55"	wide x 46" long, 60" Separator.....	7 75
Empair.....	59"	wide x 46" long, 64" Separator.....	8 00

Clover, Alfalfa, Lucern or Rape Seed, Zinc, ½" Hole

Engore.....	31"	wide x 35½" long, 36" Separator Junior.....	8 00
Habble.....	35"	wide x 35½" long, 40" Junior, before Separator 31110.....	8 25
Hackbut.....	35"	wide x 41½" long, 40" Junior, after 31109.....	8 25
Educate.....	35"	wide x 46" long, 40" Separator.....	8 25
Hafiz.....	41"	wide x 41½" long, 46" Junior Separator, after 33063.....	8 50
Encampment.....	41"	wide x 46" long, 46" Separator.....	8 75
Educt.....	47"	wide x 46" long, 52" Separator.....	9 25
Eductor.....	51"	wide x 46" long, 56" Separator.....	9 50
Effable.....	55"	wide x 46" long, 60" Separator.....	9 75
Efface.....	59"	wide x 46" long, 64" Separator.....	10 00

SIEVES—Continued

Dirt Screen for Flax, Kale, Ragweed, Oats, Zinc, 1/12" Hole

(Also used to take Timothy Seed out when threshing wheat)

Cipher	Number	Price
Enhance	31" wide x 31" long, 36" Separator Junior	7 00
Habeck	35" wide x 31" long, 40" Junior, before Separator 31110	7 25
Embark	35" wide x 37" long, 40" Regular, 40" Junior, after Separator 31109	7 25
Encharge	41" wide x 37" long, 46" Junior and Regular Separators	7 75
Embathe	47" wide x 37" long, 52" Separator	8 25
Embeam	51" wide x 37" long, 56" Separator	8 50
Embed	55" wide x 37" long, 60" Separator	8 75
Embedded	59" wide x 37" long, 64" Separator	9 00

Flax, Millet or Upper Sieve, Timothy, Sweet Clover and Clover, Steel, 5/32" Hole

Engorge	31" wide x 35 1/2" long, 36" Junior Separator	6 00
Habena	35" wide x 35 1/2" long, 40" Junior, before Separator 31110	6 25
Hackie	35" wide x 41 1/2" long, 40" Junior, after Separator 31109	6 25
Effusion	35" wide x 46" long, 40" Separator	6 25
Hafter	41" wide x 41 1/2" long, 46" Junior Separator, after 33063	6 50
Encanker	41" wide x 46" long, 46" Separator	6 75
Egotist	47" wide x 46" long, 52" Separator	7 25
Elain	51" wide x 46" long, 56" Separator	7 50
Elace	55" wide x 46" long, 60" Separator	7 75
Eland	59" wide x 46" long, 64" Separator	8 00

Timothy, or Red Top, Zinc, 1/14" Hole

Engrave	31" wide x 35 1/2" long, 36" Junior Separator	8 00
Habendum	35" wide x 35 1/2" long, 40" Junior, before Separator 31110	8 25
Hackling	35" wide x 41 1/2" long, 40" Junior, after Separator 31109	8 25
Eclipse	35" wide x 46" long, 40" Separator	8 25
Hagden	41" wide x 41 1/2" long, 46" Junior Separator, after 33063	8 50
Encare	41" wide x 46" long, 46" Separator	8 75
Economy	47" wide x 46" long, 52" Separator	9 25
Eddish	51" wide x 46" long, 56" Separator	9 50
Eddy	55" wide x 46" long, 60" Separator	9 75
Eddying	59" wide x 46" long, 64" Separator	10 00

Wheat, Rye, Kane, or Kaffir Corn Sieve, Steel, 1/4" Hole

Engrieve	31" wide x 35 1/2" long, 36" Junior Separator	4 00
Habentry	35" wide x 35 1/2" long, 40" Junior, before Separator 31110	4 25
Hackney	35" wide x 41 1/2" long, 40" Junior, after Separator 31109	4 25
Edition	35" wide x 46" long, 40" Separator	4 25
Haggard	41" wide x 41 1/2" long, 46" Junior Separator, after 33063	4 50
Enchant	41" wide x 46" long, 46" Separator	4 50
Eliminating	47" wide x 46" long, 52" Separator	5 00
Ellisor	51" wide x 46" long, 56" Separator	5 25
Ellix	55" wide x 46" long, 60" Separator	5 50
Ellixir	59" wide x 46" long, 64" Separator	5 75

Bean and Pea screen, 1 3/8 x 1" mesh (Give size of Separator) Price same as Cheat Screen

Clover and Alfalfa screen, 1 3/8" hole (Give size of Separator) Price same as Dirt Screen

Cockel screen, steel, 7/8" hole (Give size of Separator) Price same as Cheat Screen

SIEVES—Continued

SIEVES TO USE FOR DIFFERENT GRAINS

For	Upper Sieve	Lower Sieve	Screen
Alfalfa	Adjustable or $\frac{5}{32}$ " Steel	$\frac{1}{12}$ " Zinc	$\frac{1}{8}$ "
Beans	$\frac{1}{2}$ x $1\frac{1}{4}$ "	Adjustable or $\frac{3}{8}$ "	$\frac{3}{8}$ x 1 "
Barley	$\frac{1}{2}$ x $1\frac{1}{4}$ "	Adjustable or $\frac{3}{8}$ "	$\frac{1}{2}$ x $\frac{1}{14}$ "
Buckwheat	$\frac{1}{2}$ x $1\frac{1}{4}$ "	Adjustable or $\frac{3}{8}$ "	$\frac{1}{2}$ x $\frac{1}{14}$ "
Clover	Adjustable or $\frac{5}{32}$ "	$\frac{1}{12}$ "	$\frac{1}{8}$ "
Cane	$\frac{1}{2}$ x $1\frac{1}{4}$ "	Adjustable or $\frac{1}{4}$ "	$\frac{1}{12}$ "
Flax	Adjustable	$\frac{5}{32}$ "	$\frac{1}{8}$ "
Hungarian	Adjustable	$\frac{5}{32}$ "	$\frac{1}{2}$ x $\frac{1}{14}$ "
Kafir Corn	$\frac{1}{2}$ x $1\frac{1}{4}$ "	Adjustable or $\frac{1}{4}$ "	$\frac{1}{2}$ x $\frac{1}{14}$ "
Lucern	Adjustable or $\frac{1}{2}$ x $1\frac{1}{4}$ "	$\frac{1}{12}$ "	$\frac{1}{8}$ "
Millet	Adjustable	$\frac{5}{32}$ "	$\frac{1}{12}$ "
Oats	$\frac{1}{2}$ x $1\frac{1}{4}$ "	Adjustable or $\frac{1}{2}$ x $1\frac{1}{4}$ "	$\frac{1}{2}$ x $\frac{1}{14}$ "
Orchard Grass	Adjustable	$\frac{1}{2}$ x $\frac{3}{32}$ "	$\frac{1}{12}$ "
Peas	$\frac{1}{2}$ x $1\frac{1}{4}$ "	Adjustable or $\frac{3}{8}$ "	$\frac{3}{8}$ x 1 "
Rice	No Choke	Adjustable or $\frac{3}{8}$ "	$\frac{1}{2}$ x $\frac{1}{14}$ "
Rye	$\frac{1}{2}$ x $1\frac{1}{4}$ "	Adjustable or $\frac{1}{4}$ "	$\frac{1}{2}$ x $\frac{1}{14}$ "
Red Top	Adjustable or $\frac{5}{32}$ "	$\frac{1}{14}$"	.....
Sweet Clover	Adjustable	$\frac{5}{32}$"	.....
Speltz	$\frac{1}{2}$ x $1\frac{1}{4}$ "	Adjustable or $\frac{3}{8}$ "	$\frac{1}{2}$ x $\frac{1}{14}$ "
Timothy	$\frac{1}{2}$ x $1\frac{1}{4}$ "	$\frac{1}{14}$"	.....
Wheat	Adjustable or $\frac{5}{32}$ "	Adjustable or $\frac{1}{4}$ "	$\frac{1}{2}$ x $\frac{1}{14}$ "

ELEVATOR

Cipher	Number		Price
Aggregate	2194	Elevator bracket to rear Separator post, 10735 to 23322	1 00
Amorphy	3022	Sprocket, 9 tooth, tailing auger, 40", 18425 to 31110, 46" Wood Separ. 17522 to 33366, 52", 56", 60", 64" Separators, after 16418, 46" Jr. Steel, after 33365	75
Amort	3023	Sprocket, 11 tooth, elevator to drive auger, 40", 18425 to 31110, 46" Wood Separator, 17522 to 33365, 52", 56", 60", 64" Separators, after 16418, 46" Jr. Steel, after 33366	75
Amortize	3024	Elevator auger bracket, L. H., Wood Separators, 40", 18425 to 31110 46", 17522 to 33366, 52", 56", 60", 64", 16418 to 33064	1 25
Amount	3025	Elevator auger bracket, R. H., Wood Separators, 40", 18425 to 31110, 46", 17522 to 33366, 52", 56", 60", 64" 16418 to 33064	1 00
Ampelo	3028	Elevator brace at top, 52", 56", 60", 64" Separators, 16418 to 20681, 46", 17521 to 20681, 40", 18425 to 20681	1 00
Anatomizing	3201	Elevator flange, upper, Separators, 18425 to 19429	1 00
Anatopism	3203	Sprocket for elevator raddle, upper 11 sprockets, after Sept. 18424	75
Anatreptic	3204	Sprocket for elevator raddle, lower 12 sprockets, after Sept. 18424	75
Andalusite	3227	Elevator flange, lower end elevator, after Separator 19428	75
Andean	3230	Corner iron to support top elevator, 40", 46", 52", 56", 60", 64" Separators, 19428	25
Anenterous	3252	Elevator Brace, top, Wood Separators, 36", 40" Junior, 24402 to 33064, 40", 46", 52", 56", 60", 64", 20681 to 33366	1 50
Animate	3341	Flight for tailing auger, 46" Jr., 40", 46", 52", 56", 60", 64" Separators, after 23329	50
Apterous	3733	Elevator bracket on rear post, 36", 46" Jr. Steel Separ., after 34152	1 00
Arachis	3776	Elevator auger bracket, R. H., 46" Jr. Steel, after 33365	1 00
Arachnida	3777	Elevator auger bracket, L. H., 46" Jr. Steel, after 33365	1 00
Arango	3794	Elevator, upper, bracket, 36", 46" Jr. Steel Separ., after 33063	1 00
Arboresce	3813	Elevator brace, top, 46", 52", 56", 60" Steel Separator, after 31245	1 00
Arbrier	3818	Bracket for elevator auger, R. H., 46", 52", 56", 60" Steel Separator, after 31225	1 00
Arbuscle	3819	Bracket for elevator auger, L. H., 46", 52", 56", 60" Steel Separator, after 31225	1 00
Arest	3909	Elevator brace, top, 40", 46", 52", 56", 60", 64" Steel Separators, 23322 to 31246	1 25
Ibex		Elevator, Wood, 5 $\frac{1}{2}$ "x13'10", without raddle and spout, 36", 40" Jr. Separator, with hand feed or N. & S. Jr. Feeder, 20681 to 24402	20 00
Identical		Elevator, Wood, 5 $\frac{3}{4}$ "x12'8", without raddle and spout, 36", 40" Junior Separator, with Universal Feeder, 22097 to 33064, Hand Feed Separators, 24402 to 26757	20 00
Indian		Elevator, Wood, 5 $\frac{1}{2}$ "x15 $\frac{1}{2}$ ', without sprocket chain raddle, 40", 46", 52", 56", 60", 64" Separators, 20681 to 33366	20 00

ELEVATOR—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Enlink		Tailing spout to elevator. 38" long, 36", 40", 46" Junior Separators, with hand feed Separator, 18425 to 24402, and after 26756.....	2 00
Idioey		Tailing spout to elevator, 30" long, 36", 40", 46" Junior with Universal Feeder, after 23329, Hand Feed Separators, 24402 to 26757.....	2 00
Enlighten		Tailing spout to auger, 22" long, 40", 46", 52", 56", 60", 64" Separators, after 17368.....	2 00
Ignite		Tailing auger 42" with spout, to elevator, 46" Jr. Steel, after 33365	14 00
Indie		Tailing auger, 43", with spout, to elevator, 28x46", 30x52" Separators, after 20680.....	14 00
Indican		Tailing auger, 46", with spout, to elevator, 32x52", 36x56", 40x60", 44x64" Separators, after 20680.....	14 00
Indicate		Tailing auger 48", with spout, to elevator, 32x56", 36x60", 40x64" Separators, after 20680.....	14 00
Indication		Tailing auger steel flight and shaft, 43", 46", 49", or 51" long, Separators after 20680.....	4 50
		Sprocket chain No. 45, steel, for elevator raddle, per link.....	03
		Sprocket chain No. 45K1, steel, for elevator raddle, per link.....	06

PULLEYS

Abaddon	F 9.....	29" crank pulley, L. H., 1 $\frac{3}{8}$ " bore, Wood Separators, 36" Junior, 5275 to 28106, 46" Wood, 5275 to 28039, 40", 5275 to 28041, 40" Junior 5275 to 28131.....	9 00
Aberdian	P 57.....	6" cylinder pulley. 1 $\frac{1}{2}$ " bore, drives Universal feeder, 36" Junior Separator, 17522 to 25900, 40" Junior Separator, 17522 to 25936..	4 00
Above deck	F 176X.....	33" crank pulley, 1 $\frac{1}{2}$ " bore, L. H., 52", 56", 60", 64" Separators, 6205 to 23733.....	10 00
Absentation ...	F 338.....	6" lower stacker flange pulley, Wood Separators, L. H., 1" bore, 40", 46", 14597 to 33366, and 52", 56", 60", 64", 5275 to 33064.....	2 00
Absinthites	F 415.....	7 $\frac{1}{2}$ " drive pulley, 8" face, 1 $\frac{1}{2}$ " bore, 22" Junior cylinder, 17522 to 25900, 28" Junior cylinder, 17522 to 25936.....	8 00
Absinthic	F 453.....	33" crank pulley, R. H., 56", 60", 64" Separators, after 7852, 52" Separators, after 8314.....	10 00
Absinthin	F 460.....	9 $\frac{1}{2}$ " drive pulley, 8" face, 2 $\frac{3}{8}$ " bore, 28", 30", 9" face,.....	9 00
		32", 36", 40", 44" cylinder, after 11470.....	10 00
Absorber	F 602.....	6 $\frac{1}{2}$ " drive pulley, 7" face, 1 $\frac{1}{2}$ " bore, 36" Junior Separator, 17522 to 25900, 40" Junior Separator, 17522 to 25936.....	7 50
Absorbition	F 603.....	8 $\frac{1}{2}$ " drive pulley, 7" face, 1 $\frac{1}{2}$ " bore, 36" Junior Separator, 17522 to 25900, 40" Junior Separator, 17522 to 25936.....	8 50
Absorbefacient ..	F 604.....	9 $\frac{1}{2}$ " drive pulley, 7" face, 1 $\frac{1}{2}$ " bore, 36" Junior Separator, 17522 to 25900, 40" Junior Separator, 17522 to 25936.....	9 00
Accipiter	1270.....	8" conveyor pulley, 36", 40", 46", Junior and Regular, after 3083..	1 50
Advertise	2065.....	29" crank pulley, R. H., 40", 44", 46", 48" Separators, 11471 to 27975	9 00
Advolution	2077.....	12" fan pulley, gearless stacker, 36", 40", 46" Junior, after 14093, 40" Junior Rice Separator, after 23329.....	4 00
Agiotage	2207.....	9 $\frac{1}{2}$ " belt tightener pulley, 52", 56", 60", 64" Separators, after 16743, all Separators and N. & S. and Universal feeders, after Separator 17521.....	2 50
Agley	2220.....	12" drive pulley, 9" face, 2 $\frac{3}{8}$ " bore, 56", 60", 64" Separators, after 10734, 52" Separator, after 11470.....	13 00
Agrammatist	2269.....	12" shoe pulley, 52", 56", 60", 64" Separators, 20681 to 22097, 36", 40", 46", Junior and Regular, after 16743.....	2 50
Airily	2338.....	10 $\frac{1}{2}$ " drive pulley, 1 $\frac{1}{2}$ " bore, 22" Junior cylinder, 18425 to 25900, 28" Junior cylinder, 8" face, 18425 to 25936.....	10 00
Akala	2351.....	9x9" pea and bean pulley, 1 $\frac{1}{2}$ " bore, 36" Junior Separator, 17522 to 25900, 40" Junior Separator, 17522 to 25936.....	7 50
Alagai	2374.....	14" cylinder drive pulley, 9" face, 2 $\frac{3}{8}$ " bore, 32", 36", 40", 44" cylinder, after 10734.....	15 00
Alaise	2374.....	14" cylinder drive pulley, 8" face, 2 $\frac{3}{8}$ " bore, 28", 30" cylinder, after 12366.....	14 00
Albescent	2417.....	8 $\frac{1}{2}$ " fan pulley, 1 $\frac{1}{2}$ " bore, 52", 56", 60", 64" Separators, after 11470..	4 00
Albospine	2418.....	7 $\frac{1}{2}$ " beater pulley, drives raddle stacker, Wood Separators, 36" Jr., 25900 to 33064, 40" Jr., 25936 to 33064, 40", 25956 to 33064, 46", 26040 to 33366, 52", 56", 60", 64", 11471 to 33064.....	3 00
Alburnitas	2438.....	13" beater pulley, 46" Separator, 11471 to 26040, 40" Separator, 11471 to 25956, 40" Junior Separator, 11471 to 25936, 36" Junior Separator, 11471 to 25900.....	4 00
Alco	2454.....	5x4" double fan pulley, 36" Junior, 17522 to 25900, 40" Junior, 17522 to 25936, 40", 46", 11471 to 26040.....	2 50
Aleyonite	2466.....	8 $\frac{1}{2}$ x9 $\frac{1}{2}$ " rice double cylinder pulley, 28", 30" cylinder, after 12366, 32", 36", 40", 44" cylinder, after 11471.....	9 00

PULLEYS—Continued

Cipher	Number		Price
Alecize	2480	15" cylinder drive pulley, 9" face, 2 $\frac{3}{8}$ " bore, 32", 36", 40", 44" cylinders, after 10734	16 00
Alectrurous	2480	15" cylinder drive pulley, 8" face, 2 $\frac{3}{8}$ " bore, 28", 30" cylinders, after Separator 12366	15 00
Alemble	2485	12" drive pulley, 8" face, 2 $\frac{3}{8}$ " bore, 28", 30" cylinders, after 12366	12 00
Aleze	2501	10" elevator pulley, after 12366	2 00
Aliment	2550	12x6 $\frac{1}{2}$ " double cylinder pulley, drives wind stacker, 40", 46" Separators, Utah, after 18424	11 00
Alkyl	2595	11 $\frac{1}{2}$ " drive pulley, 8" face, 2 $\frac{3}{8}$ " bore, 28", 30" cylinder, after 12366	11 00
All	2596	11 $\frac{1}{2}$ " drive pulley, 9" face, 32", 36", 40", 44" cylinder, after 11470	12 00
Almirah	2716	6" pulley on cutter shaft, Universal feeder, 478 to 4482	2 00
Almonry	2718	29" governor pulley, Universal feeder, after 477	11 00
Almost	2719	16" friction governor pulley, Universal feeder, after 477	4 00
Aloe	2726	9" cylinder pulley to drive Regular Universal feeder, after No. 477	5 00
Alostonia	2775	15" beater pulley, 52", 56", 60", 64" Separators, after 14092	4 00
Alvine	2836	10" fan pulley, 6" face, 1 $\frac{1}{2}$ " bore, 40", 46", 52", 56", 60", 64", wind stacker, 5261 to part year 1914, 36", 40" Junior for rice, peas and beans, after 22096	5 00
Amabile	2839	13x8 $\frac{1}{2}$ " rice cylinder pulley, 40", 46", 52", 56", 60", 64", drives wind stacker, after Separator 14595	11 00
Amaranthin	2860	7" belt guide pulley, 40", 46", 52", 56", 60", 64" Seprs., 14596 to 20681	4 00
Amay	2876	Fan pulley, 36", 40", 46", Junior and Regular Separators, after 25753, 52", 56", 60", 64" Separators, after 16036	1 25
Amazing	2878	Conveyor pulley, 8" diameter, 3 $\frac{1}{2}$ " face, 52", 56", 60", 64", after 16036	1 75
Amban	2888	8" pulley on cutter shaft, Universal feeder, 478 to 2354	1 75
Ambari	2889	8" pulley on feeding pan, Universal feeder, 478 to 4482	1 75
Amercement	2960	Belt tightener pulley wind stacker, 40", 46", 52", 56", 60", 64", 6611 to July 1st. 1915	3 00
Amimia	2982	10 $\frac{1}{2}$ " cylinder drive pulley, 8" face, 40", 46" Separators, 16037 to 33366	10 00
Amine	2983	10 $\frac{1}{2}$ " cylinder drive pulley, 9" face, 52", 56", 60", 64" Separators, after 16036	11 00
Amioid	2984	5 $\frac{1}{2}$ x6" double cylinder pulley, 40", 46" Separators, 16037 to 33366	6 00
Amitotic	2986	6 $\frac{1}{2}$ x6 $\frac{1}{2}$ " double cylinder pulley, 2 $\frac{3}{8}$ " bore, 52", 56", 60", 64" Separators, after 16036	6 00
Amity	2986 X	6 $\frac{1}{2}$ x6 $\frac{1}{2}$ " double cylinder pea and bean pulley, 1 $\frac{1}{2}$ " bore, 36" Junior Separator, 16037 to 25900, 40" Junior Separator, 16037 to 25754	6 00
Ammonic	2997	9 $\frac{1}{2}$ x5 $\frac{1}{2}$ " cylinder pulley, drives wind stacker 40", 46" Separators, 16037 to part year 1914	11 00
Ammonical	2998	9 $\frac{1}{2}$ x6 $\frac{1}{2}$ " cylinder pulley, drives wind stacker, 52", 56", 60", 64" Separators, 16037 to part year 1914	11 00
Amolish	3010	10 $\frac{1}{2}$ x5 $\frac{1}{2}$ " cylinder pulley, fast speed, drives wind stacker, 40", 46" Canada, Montana, Washington, 16037 to part year 1914	11 00
Amomum	3011	12x6 $\frac{1}{2}$ " cylinder pulley, fast speed, drives wind stacker, 52", 56", 60" Canada, Montana, Washington, 16037 to part year 1914	11 00
Ampade	3026	13" cylinder drive pulley, 8" face, 2 $\frac{3}{8}$ " bore, 28", 30" cylinders, after 11470	13 00
Ampac	3026	13" cylinder drive pulley, 9" face, 2 $\frac{3}{8}$ " bore, 32", 36", 40", 44" cylinder, after 11470	14 00
Amparo	3027	7" beater pulley to drive elevator with auger spout, 52", 56", 60", 64" Separators, 16037 to 20681	2 50
Amphipodous	3045	5x4" double fan pulley, 3 $\frac{1}{2}$ " face, 52", 56", 60", 64", 16744 to part year 1914, 40", 46" Separator without weigher, after 25678	2 50
Amuck	3068	13" pulley for rotary knives, Universal feeder, after 477	3 50
Amula	3069	V pulley, drives feeder extension on Universal feeder, after 477	1 75
Amylin	3084	6 $\frac{1}{2}$ " fast speed pulley gear, Universal feeder, 478 to 2354	2 25
Amylo	3085	8" slow speed pulley gear, Universal feeder, 478 to 2354	2 50
Analytic	3150	12x12" pea and bean double cylinder pulley, 40", 46", 52", 56", 60", 64" Separators, after 12366	9 00
Analyze	3151	18", pea and bean cylinder pulleys, 40", 46", 52", 56", 60", 64" Separators, after 12366	7 00
Anamese	3152	12" pea, bean and rice cylinder pulley, raddle stacker, 40", 46", 52", 56", 60", 64" Separators, after 12366	5 00
Andesine	3231	15" cylinder pulley, drives self-feeder on bean and pea machines, 40", 46", 52", 56", 60", 64", after Separators 12366	6 00
Aneth	3256	7 $\frac{1}{2}$ " crank pulley, drives raddle, Universal feeder, after 2352	2 50
Anethene	3257	7" gear pulley, Universal feeders, 2353 to 5728, 28" Jr., Universal feeder, after 11414	3 00
Anethol	3258	4" belt tightener pulley, No. 3449 takes place	
Angel	3265	6" beater pulley, drives elevator, 40", 20681 to 25956, 46", 20681 to 26040	2 00
Angelic	3266	6" beater pulley, drives elevator, 52", 56", 60", 64" Steel Separators, 23330 to 26040, 52", 56", 60", 64" Wood Sepr., 20681 to 33064	2 50

PULLEYS—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Angelophone	3273	Belt guide pulley, 46" Jr. Steel Sepr., 33064 to 33366, 36", 40" Jr. Wood 40", 46", 52", 56", 60", 64" Wood and Steel, after 22097	3 00
Anglice	3287	6x4 1/2" double fan pulley, no weigher, 52", 56", 60", 64", after 22661	3 00
Anglicism	3288	6" fan pulley, drives shoe, with weigher, 52", 56", 60", 64", after 22661	1 50
Anglicize	3289	14" shoe shake pulley, 52", 56", 60", 64" Separators after 22661	2 50
Anglify	3291	13x6 1/2" double cylinder pulley drives wind stacker, 52" after 23321, 56", 60", 64" Separators, after 22096	11 00
Angling	3292	14" fan pulley, wind stackers, 40", 46", 52", after July 1st, 1914, 56", 60", 64" Sepr., after 22096	4 00
Anglish	3293	8" rotary knife pulley, drives feed pan, Univ. feeder, after 4482	2 00
Anglo	3294	10" feeding pan pulley, Universal feeder, after 4483	2 50
Anicut	3320	10" cylinder pulley, drives 36" Junior wind stacker, Separator 23322 to 25900, 40" Junior Separator 23322 to 25935	8 00
Anigh	3321	10x4 1/2" cylinder pulley, drives 40" Junior wind stacker, 23322 to 25935, 36" Junior wind stacker 23322 to 25900	10 00
Animalism	3332	33" crank pulley, L. H., 52", 56", 60", 64" Separator after 23732	10 00
Animalizing	3337	Belt tightener pulley wind stacker, 3457 takes place	
Animally	3338	"V" pulley, No. 3376 takes place	
Annate	3369	29" Crank pulley 1 1/2" bore R. H. 46" Jr. Steel, after 33365	9 00
Annect	3373	13" cylinder drive pulley, 8" face, 1 1/8" bore, 22" Junior cylinder 24402 to 25900, 28" Junior cylinder, 24402 to 25936	13 00
Annelata	3375	6" gear pulley, Universal feeder, fast speed, 28" Jr., 5727 to 11415, 22", 30", 32", 36", 40", 44", after 5726	3 00
Annelida	3376	22" V pulley, feeder extension, after Separator 24401	5 00
Annelism	3377	12" cylinder drive pulley, 36" Junior Wood Separator, 24402 to 25900, 40" Junior Wood Separator, 24402 to 25936	12 00
Annexive	3382	13" beater pulley, 40" Separator, after 25955, 40" Jr. Separator, after 25935, 36" 46", Jr. Separator. after 25899. 46" Separator 26040 to 33366	4 00
Annihilate	3383	6" beater pulley, drives elevator, 36" Jr. Wood Sepr., 25900 to 33064, 40", 46", Jr. Wood Separator, after 25935	2 50
Annihilating	3384	6" beater pulley, drives elevator, 40" Wood, 25956 to 33366, 46" Wood 26040 to 33366, 40", 46" Steel, before 26589	2 50
Annihilation	3385	9 1/2" fan pulley, 36" Jr. Separator, after 25899, 40", 46" Jr. Sepr., after 25935	4 00
Annihilator	3386	8" fan pulley, 40" Separator, 25956 to 33366, 46" Separator 26040 to 33366	4 00
Annist	3387	4x5 1/2" double fan pulley, 36" Jr., 25900 to 34153, 40", 46", Jr., 25936 to 34153	2 50
Annite	3388	5" fan pulley, 40" Separator 25956 to 33366, 46" Separator, 26040 to 33366, 36", 46", Jr. Steel, after 34152	1 50
Annotate	3395	4 1/2x5 1/2" double cylinder pulley, 28" Jr. cylinder after 25935, 22" Jr. cylinder, after 25899	5 00
Annotation	3396	4 1/2" cylinder pulley, drives beater, Separator with raddle stacker, 22" Jr., after 29696, 28" Jr., after 25935	3 50
Annotine	3397	6 1/2" cylinder pulley, drives feeder, 28" Jr., after 25935, 22" Jr. after 25899	4 00
Announce	3398	10" cylinder pulley, drives wind stacker, 22" Jr., 25900 to 29697	8 00
Announcing	3399	10x4 1/2" cylinder pulley, drives wind stacker, 22" Jr. after 29696 28" Jr. after 25935	10 00
Announcement	3400	6 1/2" cylinder drive pulley, 28" Jr., after 25935, 22" Jr., after 25899	7 50
Annoy	3401	7 1/2" cylinder drive pulley, 28" Jr., after 25935, 22" Jr., after 25899	8 00
Annoyance	3402	8 1/2" cylinder drive pulley, 28" Jr., after 25935, 22" Jr., after 25899	8 50
Annual	3403	9 1/2" cylinder drive pulley, 28" Jr., after 25935, 22" Jr., after 25899	9 00
Annuary	3404	10 1/2" cylinder drive pulley, 28" Jr., after 25935, 22" Jr., after 25899	10 00
Annuent	3405	12" cylinder drive pulley, 28" Jr., after 25935, 22" Jr., after 25899	12 00
Annuitant	3406	13" cylinder drive pulley, 28" Jr., after 25935, 22" Jr., after 25899	13 00
Annuity	3407	6 1/2x6 1/2" cylinder double pulley for rice, 28" Junior, after 25935, 22" Junior, after 25899	6 00
Annular	3408	9" cylinder pulley, drives beater, 28" Jr., or drives feeder 28" Jr., for peas, beans and peanuts, after 25935, 22" Jr., after 25899	5 00
Annularia	3409	9x9" cylinder pulley for peas, beans and peanuts, 28" Junior, after 25935, 22" Junior, after 25899	7 50
Annulary	3410	13" cylinder pulley drives wind stacker for peas, beans and peanuts, 22" Junior, after 25899	6 00
Annulosa	3417	6 1/2x10" double cylinder pulley, drives wind stacker for rice, 22" Jr., after 29696, 28" Jr., after 25678	9 00
Anodyne	3430	29" crank pulley, L. H., Wood Separators, 36" Junior, 28106 to 33064, 46", 28039 to 33366, 40", 28041 to 33064, 40" Junior, 28131 to 33064, 36", 46" Jr. Steel, after 33063	9 00
Anoetic	3431	29" crank pulley, R. H., 40", 46" Wood, 28040 to 33366	9 00

PULLEYS—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Anonym	3449.....	4" Belt tightener pulley for feeder raddle belt, after feeder 11184.....	1 50
Anorn	3455.....	14" Wind stacker fan pulley, 2077 takes place.....	
Anorthite	3457.....	7" Belt tightener pulley for Wind Stacker, after 23581.....	3 00
Aquilin	3754.....	Belt guide pulley, 36", 46" Jr. Steel, after 33365.....	3 00
Archology	3856.....	6" beater pulley, drives elevator, Steel Separator, after 26039.....	1 75
Glaring	6½" Rockwood cyl. drive pulley, 8" face, 1½" bore, 22" Jr. after 25899, 28" Jr., after 25935.....		8 00
Glary	7½" Rockwood cyl. drive pulley, 8" face, 1½" bore, 22" Jr., after 25899, 28" Jr., after 25935.....		8 50
Glave	8½" Rockwood cyl. drive pulley, 8" face, 1½" bore, 22" Jr., after 25899, 28" Jr., after 25935.....		9 00
Glaze	9½" Rockwood cyl. drive pulley, 8" face, 1½" bore, 22" Jr., after 25899, 28" Jr., after 25935.....		9 50
Glazier	10½" Rockwood cyl. drive pulley, 8" face, 1½" bore, 22" Jr., after 25899, 28" Jr., after 25935.....		10 50
Glazing	11½" Rockwood cyl. drive pulley, 8" face, 1½" bore, 22" Jr., after 25899, 28" Jr., after 25935.....		11 50
Glean	12½" Rockwood cyl. drive pulley, 8" face, 1½" bore, 22" Jr., after 25899, 28" Jr., after 25935.....		12 50
Gleaning	10½" Rockwood cyl. drive pulley, 9" face, 2¾" bore, 30", 32", 36", 40" cylinders, after 11470.....		11 50
Glebe	11½" Rockwood cyl. drive pulley, 9" face, 2¾" bore, 30", 32", 36", 40" cylinders, after 11470.....		12 50
Glee	12½" Rockwood cyl. drive pulley, 9" face, 2¾" bore, 30", 32", 36", 40" cylinders, after 11470.....		14 00
Gleede	13½" Rockwood cyl. drive pulley, 9" face, 2¾" bore, 30", 32", 36", 40" cylinders, after 11470.....		15 50
Glen	14½" Rockwood cyl. drive pulley, 9" face, 2¾" bore, 30", 32", 36", 40" cylinders, after 11470.....		16 50
Glew	15½" Rockwood cyl. drive pulley, 9" face, 2¾" bore, 30", 32", 36", 40" cylinders, after 11470.....		17 50

RADDLES

Hall	18' stacker raddle, 36" Separator.....	27 00
Hallstone	18' stacker raddle 40", Hem 46", Hairspring 52", Halyeon 56", Halibut 60", Hall 64" Seprs., after Sepr. 1900.....	36 00
Handsaw	24' stacker raddle, 36" Separator.....	36 00
Handsome	24' stacker raddle 40", Hemal 46", Hang 52", Hanger 56", Hangdog 60", Hank 64" Separators, after 1900.....	48 00
Herbless	Raddle for elevator, 5¾" wide x 13'10" long, sprocket chain and block, 36" 40" Junior Separator, N. & S. feeder, or hand feed, 18425 to 24402 hand feed Separator, after 26756.....	13 00
Jabber	Raddle for elevator, 5¾" x 12'8" sprocket chain and block, 36", 40", Jr. Separator, after 22096.....	13 00
Herborist	Raddle for elevator, sprocket chain and block, 7½" wide x 15½' long, 40", 46", 52", 56", 60", 64" Separators, 18425 to 20681.....	13 00
Hack	Raddle for elevator, 5½" wide x 15½' long, sprocket chain and block, 40", 46", 52", 56", 60", 64" Separators, after 20680.....	13 00
Jacker	Raddle for elevator, 5½" wide x 12' long, sprocket chain and block, 46" Jr. Steel Sepr., after 33365.....	13 00
Henchboy	Self-feeder raddle, N. & S., 20'8", 28", Henchman 30", Hend 32", Henharm 36", Hepatic 40", with lugs feeders, 3371 to 5518.....	30 00
Heraldry	Self-feeder raddle, N. & S., 20'8" x 28", Herb 30", Herbage 32", Herbal 36", Herbalism 40", Herbarly 44", with slats, 5519 to 6588.....	30 00
Heptade	Raddle (2 strap) for feeder extension, 14'x28", 30", 32", 36", 40" wide, give width, 1914 and previous.....	20 00
Jackal	Raddle for feeder extension, sprocket chain, 20'x22", 28", 30", 32", 36", 40", give width, since 1914.....	30 00
Jackare	Raddle for feeder extension, sprocket chain, 14'x22", 28", 30", 32", 36", 40", 44" wide, give width, since year 1914.....	21 00
Herbid	Self-feeder raddle, N. & S., 9'10"x22", with slats, 5519 to 6092.....	16 00
Herborize	Self-feeder raddle, Junior feeder, 13'x22", with slats, 6092 to 6552.....	20 00
Laird	Universal feeder, raddle sprocket chain, 22" Jr., Jacinth 28" Jr., Lagopous 28", Lagotie 30", Lagre 32", Laic 36", Laird 40", Lair 44" feeders, after 477.....	15 00

WIND STACKER

Abactinally	K 5.....	Worm wheel to windlass, after 643.....	1 00
Abiden	K 90.....	Rachet to telescoping wind stacker, after 130.....	50
Ablepsia	K 121.....	Upper sprocket clutch pinion, wind stackers, after 130.....	75
Ablins	K 122.....	Lower sprocket pinion to oscillate wind stackers, after 130.....	75
Abluent	K 123.....	Lower spur clutch pinion to oscillate wind stackers, after 130.....	75

WIND STACKER—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Ab'lutionary.....	K 124.....	Upper spur pinion to oscillate wind stackers, after 131.....	75
Abreger.....	K 223.....	Spool for windlass, after 643.....	1 00
Abregge.....	K 224.....	Screw wheel to windlass, after 643.....	1 00
Abricot.....	K 228.....	Holder for windlass gear, after 643.....	75
Abrid.....	K 229.....	Ratchet wheel windlass, after 867.....	50
Adurion.....	2039.....	Dog for wind stacker telescoping spool, after 835.....	15
Advocation.....	2075.....	Bevel wheel miter, Seburn stacker, 868 to 1249 and 2078 to 3959.....	3 50
Alluded.....	2696.....	Dog to ratchet spool to wind stacker hood, after 201.....	15
Alphabetism.....	2757.....	Sheave holder on chute to wind stacker with rollers, after 3854.....	1 25
Altincar.....	2800.....	Fan head, with wings, 56", 60", Wood and Steel Stackers, after 4999, 64" Steel Stackers after 18247.....	11 00
Altiscope.....	2801.....	Master wheel, 40", 46", 52", 56", 60", 64", 5000 to 7860, and after 11342.....	8 00
Altisonant.....	2802.....	Upper track for master wheel, 40", 46", 52", 56", 60", 64", 5000 to 7860, and after 11342.....	3 50
Altissimo.....	2803.....	Lower track for master wheel, 40", 46", 52", 56", 60", 64", 5000 to 7860, and after 11342.....	3 00
Altitonant.....	2804.....	Chute yoke, 40", 46", 52", 56", 60", 64", 5000 to 7860, and after 11342.....	6 00
Altitude.....	2805.....	Bracket on master wheel for chute yoke, 40", 46", 52", 56", 60", 64", 5000 to 7860, and after 11342.....	3 00
Altrices.....	2808.....	Cap to inside main box, Wood and Steel Stackers, 5000 to 23581 and part 1921.....	1 50
Altruism.....	2809.....	Worm on fan shaft, after 4999.....	1 50
Altruize.....	2810.....	Worm on master wheel, after 4999.....	1 50
Alum.....	2813.....	Upper box to upright shaft, Steel Stackers, after 4999, 3478 takes place Wood Stackers.....	75
Aluminic.....	2815.....	Worm on upper end upright shaft (No. 2996 takes place).....	
Aluminite.....	2817.....	Screw wheel to oscillator shaft, 3485 takes place.....	
Aluminium.....	2818.....	Bracket on master wheel for windlass, 40", 46", 52", 56", 60", 64", after 4999.....	1 25
Aluminize.....	2819.....	Trip circle, 40", 46", 52", 56", 60", 64", after 4999.....	2 00
Aluminum.....	2822.....	Spool on chute yoke for hood cord, after 4999.....	1 00
Alumish.....	2823.....	Spool on chute yoke for telescoping, 40", 46", 52", 56", 60", 64", after 4999.....	1 25
Alumna.....	2824.....	Sheave on chute yoke, 5000 to 7860, and after 11342.....	40
Alumniate.....	2826.....	Hand wheel (No. 3116 takes place).....	
Alumnus.....	2827.....	Hand wheel for windlass, after 4999.....	1 50
Alure.....	2830.....	Handle with screw to lower box, 5000 to 25800.....	25
Alusia.....	2831.....	Double box to inside oscillator shaft, 40", 46", 52", 56", 60", 64", 5261 to 25800, 36", 40" Jr. Steel, 5261 to 25800.....	1 25
Alutation.....	2832.....	Fan head, with wings, 52", after 4999.....	11 00
Alveated.....	2833.....	Fan Head, with wings, 40", 46", Regular, after 4999.....	10 00
Alveolus.....	2834.....	Fan head, with wings, 64" Wood Stackers, after 4999, 64" Steel Stackers, 5000 to 18248.....	11 00
Amability.....	2840.....	Stand for trip fork, after 5260.....	1 25
Amacratie.....	2841.....	Double box to outside oscillator box, 5261 to 7860, and after 11342.....	1 50
Amadavat.....	2842.....	Lower box to upright shaft, after 5260.....	75
Amadou.....	2843.....	Holder for lower end upright shaft, (No. 2999 takes place).....	
Amative.....	2869.....	Lower part main box, wood stacker, 36", 40", 46", 5946 to 23582, 52", 5946 to 23812, 56", 5946 to 23859, 60", 5946 to 23739.....	8 00
Amativeness.....	2870.....	Cap to outside main box, Wood and Steel Stackers, 5946 to 23581 and part 1921.....	1 25
Ammoniate.....	2996.....	Worm for upper end upright shaft, after 6610.....	1 50
Ammonite.....	2999.....	Holder for lower upright shaft box, after 6610.....	50
Ammonium.....	3000.....	Trip fork, after 6610.....	2 00
Ammunition.....	3001.....	Clutch, after 6610.....	50
Amnemonic.....	3002.....	Plate to sill, 40", 46", 52", 56", 60", 64", after 6610.....	2 00
Amnesia.....	3003.....	Clutch slide, after 6610.....	50
Amphitype.....	3048.....	Ball for master wheel track.....	05
Amputator.....	3064.....	Belt tightener bracket with shaft to sill, 40", 46", 52", 56", 60", 64" wood stackers, after 7252.....	2 25
Amputation.....	3065.....	Belt tightener handle with pin and collar, 40", 46", 52", 56", 60", 64" stackers, after 7252.....	3 00
Ampyx.....	3066.....	Belt tightener bracket to brace, 46" Jr. Steel, 40", 46", 52", 56", 60", 64" Wood and Steel stackers, after 7252.....	1 00
Amshaspand.....	3067.....	Belt tightener dog, 46" Jr. Steel, 40", 46", 52", 56", 60", 64" Wood and Steel stackers, after 7252.....	15
Anabas.....	3096.....	Sheave on end chute, after 10500.....	25
Anacoluthia.....	3110.....	Chute yoke, 40", 46", 52", 56", 60", 64", 10500 to 11344.....	7 00
Anacosta.....	3113.....	Master wheel, 40", 46", 52", 56", 60", 64", 10500 to 11344.....	10 00
Anacreontic.....	3114.....	Snake rim to master wheel, 40", 46", 52", 56", 60", 64", 10500 to 11344.....	4 00

WIND STACKER—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Anacrotism	3115	Roller to master wheel, 40", 46", 52", 56", 60", 64", 10500 to 11344, 36", 11343 to 13460	75
Anactusis	3116	Hand wheel to telescoping and oscillator, after 10500	2 00
Anastate	3188	Snake rim to master wheel, 36", 11343 to 13460	3 00
Anastatic	3189	Bracket for chute yoke, 36", 40", 46" Jr., after 11343	2 50
Anastomosis	3190	Chute yoke, 36", 40", 46" Jr. after 11343	5 00
Anburing	3208	Fan head, with wings, 36", 40", 46" Jr., after 11342	9 00
Anchor	3212	Holder for upper end upright shaft, wood stacker, after 11479	75
Andalusian	3226	Spool to telescope, 36", 40", 46" Jr. Wood and Steel Stacker, after 12370	1 00
Angelic	3268	Upper track, 36", 40" Jr. Wood, after 13459, 46" Jr. Steel, after 25494	2 50
Angelicate	3269	Lower track, 36", 40" Jr. Wood, after 13459, 46" Jr. Steel, after 25494	2 00
Angelico	3270	Master wheel, 36", 40" Jr. Wood, after 13459, 46" Jr. Steel after 25494	5 00
Angelin	3271	Trip circle, 36", 40" Jr. Wood, after 13459, 46" Jr. Steel, after 25494	1 50
Angulus	3309	Worm wheel, lower end upright shaft, after 15887	1 00
Anomalo	3438	Main box cap outside, Wood and Steel Stackers, part 1921	1 25
Anomalous	3439	Main box cap inside, Wood and Steel Stackers, part 1921	1 50
Anophyta	3451	Fan double box shell for roller bearing, Steel Stacker after 25494	13 00
Anopla	3452	Fan double box shell for roller bearing, Wood Stacker after 25494	12 00
Anoplura	3453	Fan box cap for roller bearing, after 25494	1 25
Anormal	3454	Fan shaft collar for roller bearing, after 25494	50
Anteceding	3478	Upper box for upright shaft, Wood Wind Stacker, after 4999	75
Antechurch	3485	Screw wheel on oscillator shaft, after 4999	1 00
Aptitude	3734	Belt tightener bracket, 46" Jr. Steel, after 25494	2 25
Aquosity	3761	Box for oscillator shaft, 46" Jr. Steel after 25494, 52", 56", 60" Steel Stacker, after 25799	1 25
Arbored	3811	Main box lower part, Steel Stacker, part year 1921	8 00
Argo	3944	Holder for upright shaft, Steel Wind Stackers, after 15887	50
Ariel	3964	Belt tightener bracket, Steel Wind Stacker, after 15887, Wood Stacker, after 25497	2 25
Armied	3990	Main box lower, steel wind stacker 46" Jr., 15888 to 23582 and part 1921	8 00
Kindly		Belt tightener, complete, for fan belt. Give size Sepr. and say if Wood or Steel	12 00
Kingfish		Chute, 12" complete, 36", 40", 46" Junior gearless, after 11478	50 00
Kilter		Chute complete, 40", 46", 52", 56", 60", 64", 15" gearless, after 4999	60 00
Kink		Chute 1st section with elbow 3', 12" gearless	7 00
Kinked		Chute 2nd section inside band, and grooved 8' long, 12" gearless	11 00
Kinker		Chute 3rd section to outside telescoping with sheave and grooved band for head 8' long, 12" gearless	11 00
Kingly		Chute 1st section with elbow 4' long, 15" gearless	8 50
Kingston		Chute 2nd section inside band and grooved 8' long, 15" gearless	13 00
Kinic		Chute 3rd section outside telescoping with sheaves and grooved band 8' long, 15" gearless	13 00
Kingcraft		Boot between wood drum and deck, 36" Jr., 11343 to 22160	3 00
Kinsman		Boot between wood drum and deck, 36" Jr., 22160 to 22182	3 00
Kintar		Boot between steel drum and deck, 36" Jr., after 23581	8 00
Kinship		Boot between wood drum and deck, 40" Jr., 11343 to 22160	3 00
Kintal		Boot between wood drum and deck, 40" Jr., 22160 to 22182	3 00
Kintledge		Boot between steel drum and deck, 40" Jr., after 23581	8 00
Kimbo		Boot between wood drum and deck, 40-46" Sepr., 5000 to 23582	4 00
Kiotome		Boot between steel drum and deck, 46", after 23581	8 00
Kingcup		Boot between wood drum and deck, 52" Sepr., 5000 to 23812	4 00
Kioway		Boot between steel drum and deck, 52" Sepr., after 23811	8 00
Kingdom		Boot between wood drum and deck, 56", Sepr., 5000 to 23859	4 00
Kip		Boot between steel drum and deck, 56" Sepr., after 23858	8 00
Kirk		Boot between wood drum and deck, 60" Sepr., 5000 to 23739	4 00
Kippage		Boot between steel drum and deck, 60" Sepr., after 23738	8 00
Kingfisher		Boot between wood drum and deck, 64" Sepr., 5000 to 23582	4 00
Kirked		Boot between steel drum and deck, 46" Junior Steel, after 25494	8 00
		Boot between steel drum and deck, Steel Sepr. (Give Sepr. Number)	8 00
Kin		Chute elbow to chute, 15" gearless, 40", 46", 52", 56", 60", 64" stackers, after 4999	3 00
Kingless		Chute elbow to chute, 12" gearless, 36", 40", 46" Junior stacker, after 11342	2 50
Kimmel		Chute elbow to master wheel, 15" gearless, 40", 46", 52", 56", 60", 64" stackers gearless, after 4999	4 00
Kinghood		Chute elbow to master wheel, 12" gearless 36", 40", 46" Junior, after 11342	3 25
Kale		Clamp for $\frac{1}{4}$ " and $\frac{3}{8}$ " cable with bolt, all wind stackers	25

These Boots are for Wood Wind Stackers

WIND STACKERS—Continued

Cipher	Number		Price
Kindness		Door to chute, back of fan, gearless. (Give size.)	75
Kiln		Hood, \$3.00: Head \$2.50: 2 springs, \$2.00: gearless, 15", 40", 46", 52", 56", 60", 64" stackers, complete, after 5000	7 50
Kingling		Hood, \$3.00: Head, \$2.00: 2 springs, \$2.00: gearless, 12", 36", 40", 46" Junior stacker, complete, after 11342	7 00
Keep		Rope on hood, 24' long, 1/4" cord to hood, after 1248	75
Kiddle		Rope to revolving hood, 50'x1/4", after 1248	1 50
Authorism		Shaft to fan, gearless stacker, 1 1/2"x25" after 4999	2 50
Authoress		Shaft, upper, to oscillate gear 3/8"x43", 40", 46", 52", 56", 60", 64" gearless stacker, after 4999	1 50
Azoic		Shaft, upper oscillate gear, 7/8"x39", 36", 40", 46" Junior, after 11342	1 50
Authorial		Shaft, lower, to oscillate worm, 3/8"x46", 40", 46", 52", 56", 60", 64" gearless stacker, after 4999	1 75
Kinless		Shaft, lower oscillate worm, 7/8"x41", 36", 40", 46" Junior, after 11342	1 75
Awl		Shaft telescoping spool, 7/8"x13 1/2", gearless, 36", 40", 46" Junior after 8000	75
Avile		Shaft, upright, 3/8"x42", 40", 46", 52", 56", 60", 64" Wood Stackers, gearless, 6611 to 25800	1 75
Autograph		Shaft, upright, 7/8"x43", Regular Steel Stackers, after 22159	1 75
Kintar		Shaft, upright, 7/8"x40 1/2", 36", 40", 46" Jr., Wood Stackers, 22160 to 25800	1 75
Kino		Shaft, upright, 1 1/8"x37 1/2", 36" 40" Junior gearless, 11343 to 22160	1 75
Kirle		Shaft, upright, 7/8"x43" 36", 40", 46" Jr. Steel Stacker, 25798 to 26638	1 75
Kirn		Shaft, upright, 7/8"x45", 36", 46" Jr. Steel Stacker, after 26637	1 75
Incubus		Sprocket chain, No. 45, malleable, per link	03
Imbitter		Sprocket chain, No. 32, malleable, per link	03
Indiaman		Sprocket chain, No. 32, steel, per link	03
Keyboard		Spring to trip fork, compression, 3 1/2"x1/2", No. 12, after 644	15
Keystone		Spring to hood, coil, 8 1/2"x1", No. 13, after 644	1 00
Kingbird		Wing for fan, 13" long, 36" gearless, after 11342	1 00
Kinky		Wing for fan, 13" long, 40", 46" Junior gearless, after 12371	1 00
Kind		Wing for fan, 15" long, 40", 46" gearless, after 4999	1 00
Kindle		Wing for fan, 17" long, 52" gearless, after 4999	1 00
Kindless		Wing for fan, 19" long, 56", 60" gearless Wood Stacker, 5000 to 25495, 64" Steel Stacker, after 18247	1 00
Kindling		Wing for fan, 21" long, 64" gearless Wood Stacker, 5000 to 22160, 64" Steel Stacker, 4999 to 18248	1 00
Kick		Wire rope, 1/2"x30', telescope chute, after 643	2 70
Kid		Wire rope, 3/4"x8', windlass to chute, after 643	1 20

GRAIN REGISTER

Zack		"Smith" grain register for 1/2 bushel measures	6 00
Zonar		Slide grain measure, with two sliding 1/2-bushel boxes	6 00
Lacewing		Smith tally, complete	3 00
Lack		Sliding grain measurer with three sliding 1-bushel boxes	9 00
Lacquer		Smith coil spring, 2 1/8"x3 1/2", No. 11	25
Lacrosse		Smith long flat spring, 6 1/2"x 1/2"x 3/8"x 5/8", No. 9	35
Lactation		Smith short flat spring, 5x1 3/8"x 3/8"x 3/8", No. 10	35

N. & S. SELF-FEEDERS

Adventurous	2058	Flange box for lower raddle box, N. & S. and Junior self-feeders, 386 to 6588	50
Alepine	2489	Flange box upper end raddle shaft, R. H., N. & S. 2322 to 5519	2 50
Alexia	2497	Gear sprocket, 18 sprockets, N. & S., 2322 to 3371, Jr., 5519 to 6588	2 00
Allagite	2597	Cutter box, N. & S., R. H., 2897 to 6588	1 00
Allah	2598	Cutter box, N. & S., L. H., 2897 to 6588	1 00
Allegoric	2610	Washer between feeder knives, 2 7/8" bore, N. & S., 2897 to 6588	25
Alphabetic	2756	Spur wheel, 60 cogs, 7/8" bore, after 3748	2 50
Alteration	2781	Sprocket gear, fast speed, N. & S., 3749 to 6588	2 50
Alterative	2782	Sprocket gear, slow speed, 32", 36", 40", 44" N. & S., 3749 to 6588	2 50
Althorn	2797	Sprocket gear, drives revolving forks, N. & S., 3371 to 5519	2 00
Amniota	3006	Belt tightener bracket, N. & S., after 4628	2 00
Amniotate	3007	Belt tightener fork, N. & S., after 4628	2 00
Amniotic	3008	Belt tightener ratchet, N. & S., after 4628	1 00
Amole	3009	Belt tightener dog, N. & S., after 4628	25
Amorphous	3021	Sprocket gear, slow speed, N. & S., 28", 30", 5081 to 6588	2 00
Amulet	3070	Lower retarder fork, N. & S., after 5080	40
Anabamous	3094	Spur wheel, intermediate, lower retarder, N. & S., 5081 to 5519	1 00
Analay	3128	Spur pinion, 12 cogs, raddle shaft, N. & S., 5518 to 6588	50
Analect	3130	Sprocket gear, 28 cogs, drives upper retarder, N. & S., 5519 to 6588	2 00
Analemma	3131	Flange box, upper, R. H., N. & S., 5518 to 6588	2 50
Anaplastic	3170	Washer between knives, Junior, after 5518	25

N. & S. SELF-FEEDERS—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Manlike		Belt tightener, complete, 28", 30", 32", 36", 40", 44", 5081 to 6552	7 75
Margarine		Interlocking knife, 11" long, 22" feeder, after 5518	1 00
Masker		Interlocking back half to knife, 5½" diameter, 22" feeder, after 5518	25
Mallet		Interlocking knife, 14" long, 28", 30", 32", 36", 40", 44" feeder, 2933 to 6552	1 00
Malice		Interlocking back half to knife, 7", 28", 30", 32", 36", 40", 44" feeder, 2933 to 6552	25
Mastic		Retarder steel fork, 22", 28" Junior	50
Azale		Shaft with flange collar for cutter knives, 1½x52", 22" feeder, 5519 to 6092	5 50
Azalein		Shaft with flange collar for cutter knives, 41x1¼", 22" feeder, 6092 to 6552	5 50
Aurum		Shaft with flange collar for cutter knives, 51" long, 28" feeder, Avens 53" long, 30" feeder, Aventine 55" long, 32" feeder, Aventure 59" long, 36" feeder, Avenue 63" long, 40" feeder, Average 67" long, 44" feeder, 2897 to 6552	5 50
Australian		Shaft for upper end of raddles with drum, 42" long, 28" feeder, Avercorn 44" long, 30" feeder, Averment 45" long, 32" feeder, Avernian 50" long, 36" feeder, Averse 54" long, 40" feeder, Aversion 56" long, 44" feeder, before 5519	4 00
Azia		Shaft for upper end of raddles with drum, 36" long, 22" feeder, 5519 to 6552	4 00
Awning		Shaft for upper end of raddles with drum, 42" long, 28" feeder, Awry 44" long, 30" feeder, Ax 46" long, 32" feeder, Axiform 50" long, 36" feeder, Axiom 54" long, 40" feeder, Axiometer 58" long, 44" feeder, 5519 to 6552	4 00
Azo		Shaft for lower end of raddles, 28" long, 22" feeder, 5519 to 6552	1 50
Axis		Shaft for lower ends of raddles, 33" long, 28" feeder, Axle 35" long, 30" feeder, Axman 37" long, 32" feeder, Axoid 41" long, 36" feeder, Axon 45" long, 40" feeder, Axophyte 49" long, 44" feeder, 3371 to 6552	1 50
Austerity		Shaft for belt tightener, 1½x6½", N. & S., 1395 to 6552	1 00
Austral		Shaft or pin for belt tightener, ½x5¼", N. & S., 1395 to 6552	50
Mallow		Slat fastener staple and washer for raddle, 1395 to 5519	05
Incubus		Sprocket chain, No. 45, malleable, per link, before 5518	03
Mash		Sprocket chain, No. 45, steel, per link, after 5518	03
Maim		Spring for belt tightener, 1½x4", No. 6, N. & S., 174 to 6552	15
Majesty		Spring for feed board, 1½x2¼", No. 14, 475 to 6552	10
Mallemoke		Spring for governor, 2½" long, ¾" diameter, No. 8, 2322 to 5519	15
Masher		Spring for governor, 2½" long, ¾" diameter, No. 10, 5519 to 6552	15

UNIVERSAL SELF-FEEDER

Abeona	A 73	Sprocket wheel, upper raddle shaft, after 477	1 50
Abridgedly	K 232	Spur wheel on upper raddle shaft, 478 to 2354	2 50
Alkoranish	2593	Socket for legs, after 477	1 00
Alluviation	2705	Box for crank cutter shaft, wood feeders, 478 to 6641, steel feeders, 4834 to 6616	1 50
Alluvion	2706	Holder for cutter box, wood feeders, 478 to 6641	1 50
Almain	2709	Box for lower raddle shaft, Wood Feeder, 4834 to 10216	25
Almamater	2710	Adjustable slide for lower raddle box, wood feeder, 4834 to 10216	75
Almighty	2714	Sprocket on upper raddle shaft, say if with key seat or set screw, after 477	75
Almique	2715	Sprocket on lower raddle shaft, 1909-1914 and part 1915	75
Almucantar	2720	Governor ball, after 477	75
Almug	2721	Governor shoe (3261 takes place)	
Almura	2722	Governor arm, after 477	1 00
Alnage	2723	Holder for top of division board, 32", 36", 40", 44" Wood Feeder, 478 to 13170	50
Aloring	2745	Turn buckle, after 477	75
Alternant	2788	Hanger arm to knife bar, Universal feeder, 478 to 4834	75
Amateur	2867	Holder for rod to hang knives, 478 to 4834	25
Amber	2896	Hub for gear pulley, with collar, after 2500	1 75
Amniota	3006	Belt tightener bracket, 30", 32", 36", 40", 44" Wood 478-13407 All Steel Feeders, after 478	2 00
Amniotate	3007	Belt tightener fork, after 477	2 00
Amniotic	3008	Belt tightener ratchet, after 477	1 00
Amole	3009	Belt tightener dog, after 477	25
Amulet	3070	Retarder fork, 478 to 4114	40
Amuletie	3071	Bracket for leg, right hand, wood feeder, 478 to 13265	1 25
Amuse	3072	Bracket for leg, left hand, wood feeder, 478 to 13265	1 25
Amusing	3073	Box for upper end of raddle shaft, 478 to 2501	75

UNIVERSAL SELF-FEEDER—Continued

Cipher	Number		Price
Amusement	3074	Box for rotary cutter shaft, wood feeder, R. H., 22", 28", 30", 478 to 13265, 32", 36", 40", 44", 478 to 13169.	1 25
Amusive	3075	Box for rotary cutter shaft, wood feeder, L. H., 22", 28", 30", 478 to 13265, 32", 36", 40", 44", 478 to 13169.	1 25
Amutter	3076	Box for retarder, 478 to 2501.	75
Amytic	3077	Box for feeding pan shaft, 478 to 4874.	1 00
Amyelous	3078	Cap nut to rotary knife shaft, after 477.	1 00
Amygdala	3079	Cap washer to rotary knife shaft, after 477.	1 00
Amygdalus	3081	Hub for idle sprocket under raddle, 478 to 4834.	75
Amylose	3087	Handle to tightener pulley speed gear with pin, 478 to 2353.	1 75
Amylum	3088	Hub for handle to speed gear. 478 to 2353.	75
Amyrin	3089	Hub for handle to tightener pulley, wood feeder, 478 to 11185.	75
Anacampsis	3101	Washer for end rotary knives, after 477.	10
Anaelisis	3109	Washer between rotary knives, after 700.	50
Anadiplosis	3118	Shield to rotary knife shaft, 701 to 2354.	20
Anatoid	3195	Collar for cutter crank shaft, 1 3/8 x 1 1/2", after 700.	25
Ancillary	3219	Hinge, upper, R. H., wood feeder, 5056 to 13265.	50
Ancipital	3220	Hinge, upper, L. H., wood feeder, 5056 to 13265.	50
Ancistroid	3221	Hinge, lower, R. H., wood feeder, 5056 to 13265.	50
Ancon	3222	Hinge, lower, L. H., wood feeder, 5056 to 13265.	50
Aneroid	3254	Hinge to universal feeder, 2501 to 5056.	75
Anesis	3255	Handle to belt tightener, with collar, 2353 to 10216.	2 00
Aneuch	3260	Spur wheel on upper raddle shaft, after 2352.	2 00
Aneurism	3261	Governor shoe (takes place No. 2721), after 2499.	50
Angelical	3267	Circle to cylinder, wood feeder, 2501 to 4874, steel feeders, after 2500.	25
Anglican	3285	Holder for retarder comb, 4114 to 4874.	50
Anglicanism	3286	Handle to speed gear (with pin will take place 3086), 1816 to 2354.	2 50
Anglomania	3296	Circle over cylinder, 22", 28" Jr., wood feeder, 3722 to 8643, 22", 28" Jr. Steel Feeder, after 3721.	20
Angulometry	3306	Belt tightener bracket for Universal Junior Wood feeder, after 3721.	1 50
Angulometer	3308	Holder for rods to hang knives, after 4833.	50
Anguoid	3310	Box to cutter shaft, some on feeders built in 1918, 1919, after 9825.	1 50
Angust	3311	Cap to No. 3310.	1 00
Anharmonic	3312	Circle to cylinder, 28", 30", 32", 36", 40", 44" Wood feeder, 4874 to 13265.	50
Anhelation	3313	Box for feeding pan shaft, wood feeder, 4874 to 13265.	1 50
Anhima	3314	Holder for retarder comb, wood feeder, 4874 to 10467.	50
Anhinga	3315	Box for lower retarder, wood feeder, 4874 to 10467, 30" Wood feeder, 13170 to 13265.	75
Anhydride	3317	Collar for hanger rod, 1 x 1 3/8", after 4873.	25
Animalist	3333	Sprocket on lower raddle shaft, 8 teeth, part 1915 and after 5727.	75
Animastic	3340	Holder for feeder extension on wood Universal Feeder, steel sides, after feeder No. 4883.	75
Annodated	3390	Cap to crank cutter shaft, after 6615.	1 00
Annoisence	3391	Lower half box to cutter shaft, R. H., wood feeder, 6641 to 13265.	2 00
Annomination	3392	Lower half box to cutter shaft, L. H., wood feeder, 6641 to 13265.	2 00
Anodan	3429	Circle over cylinder, 22", 28" Junior Wood Feeder, 8643 to 13169.	25
Anomite	3443	Adjustable retarder box R. H., Wood Feeder 10467 to 13265.	1 25
Anomo	3444	Adjustable retarder box L. H., Wood Feeder 10467 to 13265.	1 25
Anomural	3446	Holder for slide box to raddle box, wood feeder, 10216 to 13265.	75
Anon	3447	Slide box for lower raddle shaft, all Feeders, after 10215.	25
Arabic	3764	Holder on front cylinder post for stay rod, R. H., 30", 32", 36", Steel Feeders, after 13408.	75
Arabical	3765	Holder on front cylinder post for stay rod, L. H., 30", 32", 36", Steel Feeders, after 13408.	75
Aramaism	3790	Holder for retarder comb, L. H., Steel Feeders, 13172 to 13409, (Not on feeders 13171 to 13207 Inc., 13209-11-15-13383, 13346, 13361, 13363 to 13369 Inc.)	50
Aramean	3791	Holder for retarder comb, R. H., Steel Feeders, 13171 to 13409, (Not on feeders 13171 to 13207 Inc., 13209-11-15-13383, 13346, 13361, 13363, to 13369 Inc.)	50
Arbute	3823	Box for retarder shaft and holder for retarder comb, L. H., 32", 36", 40", Steel Feeder, 10524 to 13171, all Steel Feeders, after 13408, (On feeders 13171 to 13207 Inc., 13209-11-15-13383, 13346, 13361, 13363 to 13369 Inc.)	1 50
Arbutin	3824	Box for retarder shaft and holder for retarder comb, R. H., 32", 36", 40", Steel Feeders, 10524 to 13171, all Steel Feeders after 13408, (On feeders 13171 to 13207 Inc., 13209-11-15-13383, 13346, 13361, 13363 to 13369 Inc.)	1 50
Archontia	3858	Box bracket, crank cutter shaft, R. H., steel feeder, after 6615.	2 50
Archozoic	3859	Box bracket, crank cutter shaft, L. H., steel feeder, after 6615.	3 00
Arcifera	3860	Holder for slide box to lower raddle box, R. H., Steel Feeder, after 10215.	75

<i>Cipher</i>	<i>Number</i>	UNIVERSAL SELF-FEEDER—Continued	<i>Price</i>
Arciform	3861	Holder for slide box to lower raddle box, L. H., Steel Feeder, after 10215	75
Arcus	3876	Hinge for steel feeder, outside, after 5725	50
Ardash	3877	Hinge for steel feeder, inside, after 5725	50
Ardennit	3878	Adjustable slide for lower raddle box, steel feeder, R. H., 5726 to 10216	75
Ardently	3879	Adjustable slide for lower raddle box, steel feeder, L. H., 5726 to 10216	75
Argh	3936	Belt tightener bracket for raddle belt, Steel Feeders, after 4833	1 00
Argil	3937	Hub for feed pan, Steel Feeders, after 4833	50
Argillite	3938	Holder for division board, 32", 36", 40", 44" steel feeder, after 4833	75
Argin	3942	Box for feeding pan crank, steel feeder, after 4833	1 50
Argoan	3945	Hub for leg on steel feeder, after 4833	1 25
Argol	3946	Holder for retarder comb, steel feeder. 4834 to 10524	50
Argolet	3947	Retarder box, steel feeder, 4834 to 10524, 13171 to 13409, (Not on Feeders 13346, 13363, 13365, 13369, 13364, 13366, 13361, 13367, 13368)	75
Argolic	3948	Box for rotary cutter shaft, L. H., steel feeder, after 4833	1 25
Argon	3949	Box for rotary cutter shaft, R. H., steel feeder, after 4833	1 25
Argonaut	3950	Upper raddle shaft box, steel feeder, after 4833	50
Masterly		Division board, wood 68" long, 3721 to 5055	2 50
Mat		Division board, 8' long, steel, 5055 to 13169	4 00
Mately		Division board, 9' long, steel, after 13168	4 00
		Feeding pan, 22" Jr., give feeder number	3 00
		Feeding pan, 28" Jr., 28", 30", 32", 36", 40", 44", give feeder number	4 00
Maltworm		Governor spring, 3½x½", No. 12, after 477	15
Magnet		Governor wood shoe, with 2 bolt holes for shoe No. 3261, feeders, after 2499	15
Mastery		Guard to rotary knives, V, L, straight or straight for brace, give design and width and if Wood or Steel Feeder	75
Marcor		Hanger arm to feeding pan, 7" center to center of holes, after 477	50
Mastlin		Hanger arm to sickle plate, after 4833	75
Margarine		Knife for rotary cutter shaft, 11" long, after 477	1 00
Mason		Knife back washer, 5½" diameter, after 477	25
Margaron		Pitman for feeding pan, 9½" center to center of holes, after 477	75
Mastic		Retarder steel fork, after 4114	50
Marginate		Sickle bar with seven knives, R. H., 478 to 4834	2 00
Margot		Sickle bar with seven knives, L. H., 478 to 4834	2 00
Mastodon		Sickle plate with seven knives, 36x6", 4834 to 5772	3 00
Mataco		Sickle plate with seven knives, 36x8" (Matako takes place)	
Matako		Sickle plate with six knives, 36x8", after 6179	3 00
Manbote		Sickle knife, after 477, each	15
Magnate		Shaft crank for cutter bar, 48", 22" cylinder, \$12.00, Manchet 55" 28" Junior, regular and 30" cylinder, \$14.00, Manciple 62", 36" cylinder, Mancus 65", 40" cylinder, feeders after No. 477	16 00
Mancipate		Shaft crank for cutter bar, 3 cranks, 58" 32", after 7723	16 00
Match		Shaft crank for cutter bar, 3 cranks, 58" 32", after 7723	14 00
Matafunda		Shaft crank for feeding pan, 32" 22" Junior, Mand 38" 28" Junior and regular cylinder, Mandamus 40" 30" cylinder, Mandarin 42" 32" cylinder, Mandate 46" 36" cylinder, Mandator 50" 40" cylinder, feeders after No. 477	7 00
Matcher		Shaft upper raddle, 35", 22" Junior Matchless 40½", 28" Junior and Regular Matchlock 42½", 30" Feeder, Matchy 45", 32" Feeder, Matchmaker 49½", 36" Feeder, Mate 53", 40" Feeder, after 5727	2 00
Marl		Shaft lower raddle 31½" 28" Junior and Regular cylinder, Madam 26½" 22" Junior cylinder, Marled 34" 30" cylinder, Marline 36" 32" cylinder, Marly 40½" 36" cylinder, Marlite, 44½" 40" cylinder, feeders after No. 477	1 50
Mastix		Shaft retarder, 6" nut end, 39" 28" Junior and Regular cylinder, Madder 33½" 22" Junior cylinder, Mastitis 41½" 30" cylinder, Masticura 43½" 32" cylinder, Mastiff 47½" 36" cylinder, Masting 52" 40" cylinder, after 2354	3 00
Marsh		Shaft rotary knives 46" 28" Junior and Regular cylinder, Magazine, 40" 22" Junior cylinder, Marshall 50" 30" cylinder, Marshy 52" 32" cylinder, Mart 56" 36" cylinder, Martagon, 60" 40" cylinder, feeder after No. 477	6 00
Manful		Sprocket chain, No. 55-A-2-R, for slat, steel, after 477	08
Manger		Sprocket chain, No. 55-A-2-L, for slat, steel, after 477	08
Masked		Sprocket chain, No. 55, between raddle slats, steel	04
Martel		Slat, with steel link, give length, say if wood or steel	50
Mast		Iron bar with box for sickle, 34x4", 28", 30", 32", 36", 40", 44" feeders 1501 to 4834	1 50
Martly		Wood box to crank cutter shaft, 478 to 9826, (Some feeders built in 1918-1910 with iron box)	50
Marvel		Wood box cap to sickle wood box to hanger, 477 to 4834	25

FEEDER EXTENSION

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Aller	2620	Holder on feeder for extension, 60 to 467	50
Almighty	2714	Sprocket wheel on upper raddle shaft with key seat, after 697	75
Alpinin	2767	Box, upper raddle shaft, Wood Extension, after 95	50
Amor	3014	Ratchet box, wood extension, 167 to 698	50
Amoraim	3015	Dog for ratchet box, wood extension, 167 to 698	10
Amygdalus	3081	Hub for idle sprockets, wood extension, after 698	75
Animalist	3333	Sprocket on lower raddle and idler, after 698	75
Anomural	3446	Holder for slide box to lower raddle box, Wood Extension, after 1110	75
Anon	3447	Slide box for lower raddle shaft, Wood and Steel Extension, after 1110	25
Arcifera	3860	Holder for slide box to lower raddle box, R. H., Steel Extension, after 1110	75
Arciform	3861	Holder for slide box to lower raddle box, L. H., Steel Extension, after 1110	75
Arcuature	3872	Box, upper raddle shaft, L. H., steel extension, after 830	1 00
Arcubalist	3873	Box, upper raddle shaft, R. H., steel extension, after 830	1 00
Ardennit	3878	Adjustable slide for lower raddle box, R. H., steel extension, 831 to 1111	75
Ardently	3879	Adjustable slide for lower raddle box, L. H., steel extension, 831 to 1111	75
Mangy		Axle, 1x41 $\frac{1}{4}$ " 46 $\frac{1}{2}$ ", 48 $\frac{1}{2}$ ", 50 $\frac{1}{2}$ ", 54 $\frac{1}{2}$ ", 58 $\frac{1}{2}$ " or 62 $\frac{1}{2}$ " long, give length	2 50
Manifold		Shaft, upper, 1x36", 42", 44", 46", 50", 54", or 58" long, give length	2 50
Manitou		Shaft, lower, $\frac{7}{8}$ x28", 34", 36", 38", 42", 46" or 50" long, give length	2 00
Malm		Wheel, 3x32", after No. 1	4 00

SIDE GEAR

Aaronical	V	Coupling ring to tumbling rods, 22", 28" Junior cylinder, after 17521	75
Abarticulation	29	Bevel wheel for driving cylinder, 22" cylinder, after 17521	4 50
Abaisse	30 S	Cylinder pinion, 15 cogs, 1 $\frac{1}{2}$ " bore, 22" Junior after 17521	2 00
Abatised	36 S	Cylinder pinion, 15 cogs, 24", 28", 30", 32" cylinder, after 11470	2 00
Abbacchiato	44	Spring coupling fork, 22" cylinder, after 17521	1 25
Abbatial	46	Spring coupling hub, 22" cylinder, after 17521	1 25
Abbatis	47	Clutch 35c, spring 15c, R. H., 22" cylinder, after 17521	50
Abbotship	50	Coupling fork, 22" cylinder, after 17521	1 00
Abidance	90	Safety coupling fork for tumbling rods, 24", 28", 30", 32" cylinder after 11470	1 25
Adeep	1870	Bevel wheel, 24", 28", 30", 32" cylinder, after 11470	6 00
Alderney	2472	Double box for bevel side gear, 24", 28", 30", 32" cylinder, after 11470	3 00
Anangular	3160	Double box for side gear, 36,40" Jr., Separators, after 17521	2 50
Mainland		Shaft to bevel side gear, 24 $\frac{1}{2}$ " long, 32" cylinder, after 8314, 24", 28", 30", 32" cylinders, after 11470	2 50
Masquerade		Shaft to bevel side gear, 22" cylinder, after Separator 17521	2 50
Nigritic		Safety ring, V 22x36", Separator, after 17521	75
Neck		Safety coupling, half ring, 32" cylinders, after 8314, 24", 28", 30", 32" cylinders, after 11470	25
Nectar		Safety coupling wrought iron band, 32" cylinder, after 8314, 24", 28", 30", 32" cylinders, after 11470	25
Massacre		Spring for clutch No. 47 or 324	15
Massive		Spring for clutch No. 1884 or 1911	15

Note.—The speed of Horse-Power can be changed to match Side Gear. The speed of Side Gear cannot be changed.

HORSE-POWER

Abidance	90	Safety coupling fork for tumbling rods, all powers	1 25
Abidal	90 and 90	Safety coupling complete for tumbling rods, all powers	3 25
Abilitation	100	Sleeve coupling fork, next to power, all powers	1 50
Ability	100 and 90	Sleeve coupling, complete, next to power, all powers	3 50
Absinthial	F 392	Wrench for axle nut, H. P., since year 1880	75
Absolution	520	Lower sand plate, since year 1869	3 00
Absolatory	550	Equalizer pulley, all powers	75
Absterse	753 Steel	Spur pinion, 14 cogs, 105 speed, after 1	4 00
Abstersion	755	Spur pinion, 17 cogs, 87 speed, after 1	3 00
Abstractedly	791 Steel	Spur pinion, 13 cogs, 114 speed, S. S. P. and N. & S., after 1	4 00
Abstractionist	792 Steel	Spur pinion, 12 cogs, 123 speed, S. S. P. and N. & S., after 1	4 00
Accomplisht	1343	Holder for equalizer pulley and stay rod, after 7679	1 50
Accumbency	1467	Spur wheel, 2 $\frac{3}{8}$ " bore, after 7879	30 00
Accumber	1469	Shoe for brake wheel No. 1477, after 8854	1 00
Accumulating	1472	End stand for roller, No. 1473, rear end, after 7879	1 50
Accumulation	1473	Roller inside master wheel, both ends, 7880 to 9014	1 50
Acephalous	1532	Cap to main shaft box, rear end, after 8291	2 00
Achroma	1619 Steel	Master pinion, 11 cogs, 2 $\frac{3}{8}$ " bore, large cogs, after 8663	8 00
Achronism	1621	Roller on end of main shaft, under master wheel, after 8663	1 50
Achyous	1623	Lever stand, after 8663	3 00
Acoprous	1683	Roller for stand No. 1680, after 8664	2 00
Acranla	1711	Side roller to master wheel, after 8664	2 00

HORSE POWER—Continued

Cipher	Number		Price
Acrasia	1712	Side stand for roller No. 1711, 8664 to 9255, and after 9503.	2 25
Acrology	1739	Master wheel (large cogs), 8, 10, 12, 14-horsepower, after 8663.	75 00
Activital	1764	Friction pinion stand, after 8886.	6 00
Activity	1765	Upper friction pinion, 10 teeth, after 8886.	4 00
Adhort	1900 Steel	Spur pinion, 15 cogs, 87 speed, after No. 1.	5 00
Adiabatic	1901 Steel	Spur pinion, 16 cogs, 90 speed, after No. 1.	5 00
Afflictively	2130	Girt to horsepower frame, after 9254.	11 00
Affluent	2133	Lower roller stand under master wheel, after 9254.	7 00
Afflux	2134	Cap to box on arch bed plate, after 9254.	3 00
Afforage	2135	Support for cover, after 9254.	1 00
Afforce	2136	Hanger for line shaft, after 9254.	9 00
Afforcement	2137	Side stand for roller, after 9254.	4 50
Afterings	2165	Cap to center main box, after 9254.	1 50
Alchemist	2449 Steel	Spur pinion, 18 cogs, 80 speed, after 9384.	5 00
Alchemy	2450 Steel	Spur pinion, 19 cogs, 75 speed, after 9384.	5 00
Nightshade		Axle, front, without skeins, 72" long, after 7879.	4 00
Nigrine		Axle, rear, without skeins, 72" long, after 7879.	4 00
Nag		Brace for staking down \$2.00, rod \$2.00, casting 50c, complete.	4 50
Nail		Block for tumbling rod that horses travel over.	75
Nap		Clevis pin or bolt, $\frac{1}{2}$ x3 $\frac{1}{2}$ "	10
Naptha		Equalizer rod, 13 feet long, for 8 horsepower	1 00
Napkin		Equalizer rod, 11'2" long, for 10 horsepower	1 00
Narcotic		Equalizer rod, 9'5" long, for 12 horsepower	1 00
Nation		Equalizer rod, 7'6" long, for 14 horsepower	1 00
Native		Equalizer chain, with clevis	2 00
Nebula		Stay rod with chain, 8, 10; 12, 14 horsepower, after 7678	3 00
Neck		Safety coupling half ring, after 1	25
Nectar		Safety coupling wrought band, after 1	25
Nectary		Shaft, main, 2 $\frac{1}{2}$ x71 $\frac{1}{2}$ ", after 7709	13 00
Nightpiece		Shaft line 27 $\frac{1}{2}$ " long, round end, for brake wheel, after 7879	3 50
Nightmare		Shaft for upper friction pinion, 2 $\frac{1}{2}$ x10 $\frac{1}{2}$ ", after 8854.	2 00
Neptune		Shaft for lower roller, 2x10", after 8291.	2 00
Navy		Sweep, 3 $\frac{1}{2}$ x3 $\frac{1}{2}$ x2 $\frac{1}{2}$ "x3 $\frac{1}{2}$ "x14", after 1	3 00
Nerve		Tumbling rod solid, 6' long, next to power, after 1	3 00
Nervine		Tumbling rod, solid, 11' long, for horses to travel over, after 1	5 00
Nest		Tumbling rod, hollow, 11' long, after 1	5 00
Nightrail		Wheel, front or rear, 32x6" face.	18 00

ENGINE REPAIRS

Abscission	296	Set screw wrench, $\frac{3}{8}$ " and $\frac{1}{2}$ " jaws, set screws, oil cups, etc., on engines	20
Abscond	299	Gib wrench, $\frac{1}{2}$ " and $\frac{3}{4}$ " jaws, for set screws, eccentric straps, counter-shaft box	25
Abusefulness	1012	Pillow block 2 $\frac{1}{2}$ " main shaft, 13-H., 4692 to 6614, 8, 10-H. steel guides, 1263 to 7475	6 00
Abusiblyness	1013	Cap to block, No. 1012	3 00
Acarida	1095	Piston head, 8", with rod, 15, 16-H. steel guides, 3782 to 7475, 18-H., 5245 to 5791	10 00
Acaudal	1132	Rear cylinder head, 15, 16, 17-H., after 4691, 18-H., 5562 to 5791	4 00
Acead	1137	Cover to steam chest, 8, 10, 13-H., after 2570	5 00
Aecolle	1308	Gib on countershaft, 15-H., 4192 to 5562, 16, 17-H., 3447 to 5561, 8, 10, 12, 13-H., 3447 to 6107, 8-H., 3782 to 7028	3 00
Accomplishing	1340	Stud nut wrench for 1 $\frac{1}{2}$ " and 1 $\frac{3}{8}$ " nut to boiler bolts, pump and jamb nuts after 3781	75
Acholia	1611	Socket wrench, 1 $\frac{1}{8}$ " and 1 $\frac{1}{4}$ " fusible plug, after 4691	50
Acidimeter	1631	Rear cylinder head, 13-H. single, after 4691	4 00
Armorial	4000	Lower smoke stack top, 16-H., after 13215, 20, 25, 30, 35-H., after 6106	4 00
Aroint	4006	Gib to countershaft box, 16-H. C. B., 6107 to 8578, 18, 20-H. S. B., 6107 to 8072	4 00
Aroth	4009	Lug to side support, for fire brick, strawburners, after 6106	50
Arride	4025	Gib for countershaft bracket, 10, 13-H., after 6234	2 00
Asinea	4180	Governor idle pulley, single, 6665 to 9611, 13-H. S., and all double, after 10021	1 50
Asinine	4181	Bracket for governor idle pulley, 10, 13-H. S., after 6613, 16, 18, 20-H. S., 6665 to 9611, 16-H. D., after 13236, 25-H. S., after 13215	2 00
Askingly	4188	Rear cylinder head, 9 $\frac{1}{2}$ ", 25-H. single, after 6613	5 00
Aslake	4191	Rear cylinder head, 8 $\frac{1}{2}$ ", 20-H. single, after 6106	4 50
Asor	4202	Cylinder stuffing box, 18, 20, 25-H. single, after 7027, 30, 35-H. double, 9611 to 11840	2 00
Aspalathus	4203	Cylinder stuffing box gland, 18, 20, 25-H. single, after 7027, 30, 35-H. double, 9611 to 11840	1 00

<i>Cipher</i>	<i>Number</i>	ENGINE REPAIRS—Continued	<i>Price</i>
Asparagi.....	4204.....	Cylinder stuffing box nut, 18, 20, 25-H. single, after 7027.....	1 50
Asparagus.....	4206.....	Pump arm, 16, 18, 20-H. S., after 7027, 25-H. S., 7475 to 8071.....	2 00
Asparkle.....	4207.....	Crosshead with shoes, 18, 20, 25-H. S., 7028 to 8976.....	9 50
Aspartate.....	4208.....	Crosshead shoe, 18, 20, 25-H. S., after 7027, 30, 35-H. D., 9611 to 11840	1 50
Aspergillum.....	4212.....	Cap to main box, 18, 20-H. single, after 7027.....	5 00
Aspergillus.....	4213.....	Pump cylinder, $\frac{3}{4}$ " bore, 16, 18, 20, 25-H., 7028 to 8072.....	4 00
Asperne.....	4214.....	Pump stuffing box nut, 16, 18, 20-H. S., after 7027, 25-H., 7028 to 7475	1 00
Asperous.....	4215.....	Pump stuffing box gland, 16, 18, 20-H. S., after 7027, 25-H., 7028 to 7475	75
Asperse.....	4216.....	Cover for main box, single engines, after 7027.....	25
Asprawl.....	4254.....	Cap to main box, 25, 30-H. single, after 7027.....	5 00
Assassinate.....	4263.....	Cylinder stuffing box gland, 10, 13, 16-H. S., after 7028, cylinder and pump, 25-H. D., after 9610.....	1 00
Assaying.....	4264.....	Cylinder stuffing box nut, 10, 13, 16-H. single, after 7027.....	1 50
Asselze.....	4265.....	Crosshead with shoes, 10, 13, 16-H., Corliss guide, 7028 to 8976.....	9 50
Assem.....	4266.....	Crosshead shoe, 10, 13, 16-H. S., 18, 20, 25-H. D., after 7027.....	1 50
Assemble.....	4268.....	Cap to main box, 16-H. single, after 7027.....	5 00
Assembler.....	4269.....	Pump arm, 10, 13-H. single, after 7027.....	2 00
Assentient.....	4275.....	Pump stuffing box nut, 10, 13-H., after 7027.....	1 00
Assentingly.....	4276.....	Pump stuffing box gland, 10, 13-H., after 7027.....	75
Assimilative.....	4307.....	Spanner wrench for stuffing box nut, single engines, after 7474.....	25
Astac.....	4332.....	Socket Wrench, $1\frac{1}{2}$ " jaws, main box, all engines, after 7027.....	75
Astigmatic.....	4343.....	Crank wheel, 16-H. single, 7201 to 12582.....	20 00
Astonisher.....	4353.....	Lower half top to smoke stack, 10, 13-H., after 7474.....	3 00
Astonishing.....	4354.....	Upper half top for screen to smoke stack, 10, 13-H., after 7474.....	2 50
Astriction.....	4367.....	Lower half top to smoke stack, 16, 18-H., 7475 to 13216.....	4 00
Astrictive.....	4368.....	Upper half top to smoke stack, 16, 18, 20, 25, 30, 35-H., after 7474.....	4 00
Astroid.....	4375.....	Piston head, with rod, $7\frac{3}{8}$ ", 13-H., after 7027.....	10 00
Astrolabe.....	4376.....	Piston head, with rod, 8", 16-H. single, after 7027.....	10 00
Astrologer.....	4377.....	Piston head, with rod, 8", 20-H. single, after 7027.....	10 00
Astrologic.....	4378.....	Piston head, with rod, $9\frac{1}{4}$ ", 25-H. single, after 7027.....	12 00
Atelier.....	4423.....	Pump arm, 25-H. single, after 8071, 30-H. single, after 7027.....	2 00
Atelite.....	4424.....	Rear heater head, 16, 18, 20, 25, 30-H. single, with 1" to $\frac{3}{4}$ " bushing, after 7474.....	1 50
Athletical.....	4449.....	Pump gland, 16, 18, 20-H. D., after 10021, 25, 30-H. S., after 7474.....	1 00
Athletics.....	4450.....	Pump nut, 25, 30-H. single, after 7474.....	1 00
Atrabiliar.....	4486.....	Pump cylinder, 10, 13-H. single, after 8071.....	4 00
Atrabiliary.....	4487.....	Pump cylinder, 16, 18, 20-H. single, after 8071.....	4 00
Atracheate.....	4489.....	Socket wrench for plug in smoke box, 20, 25, 30, 35-H., 7028 to 9826	2 00
Atrochous.....	4499.....	Step plate to traction engine, 16-H. D., 9611 to 12337, 18, 20-H. D., 8976 to 12947, 25, 30, 35-H. D., 8578 to 12529, single, after 5244.....	2 00
Attendancy.....	4524.....	Collar for intermediate wheel, 25, 30, 35-H. D., 8072 to 12529, 25, 30-H. S., after 8071.....	1 25
Attentat.....	4525.....	Side support for fire brick, 20-H. S. B., 8072 to 10022 and after 10433, 25, 30-H. S. B., after 8313.....	8 00
Attentively.....	4527.....	Crank wheel, 25-H. single, 7028 to 12726.....	25 00
Aubergine.....	4570.....	Wedge for wrist pin box, $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{7}{8}$ ", 10, 13-H. single, after 7027.....	50
Aubin.....	4571.....	Wedge for wrist pin box, $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", 16-H. single, 7028 to 14029.....	50
Auctary.....	4572.....	Wedge for wrist pin box, $2\frac{1}{2} \times 1\frac{1}{2} \times 2\frac{1}{2}$ ", 18, 20, 25-H. single, 7028 to 14064.....	50
Auctive.....	4573.....	Wedge for wrist pin box, $2\frac{1}{2} \times 1\frac{1}{2} \times 2\frac{1}{2}$ ", 30-H. single, after 7027.....	50
Auctor.....	4574.....	Wedge for crosshead box, $2 \times 1\frac{1}{2} \times 1\frac{3}{8}$ ", 10, 13, 16-H. single, 7028 to 14029, 18, 20, 25-H. D., after 7027.....	50
Auctorial.....	4575.....	Wedge for crosshead box, $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", 18, 20, 25-H. single, 7028 to 14064, 30, 35-H. double, 7028 to 11840.....	50
Aucuba.....	4576.....	Wedge for crosshead box, $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", 30-H. single, after 7027.....	50
Audibility.....	4581.....	Nut on end countershaft, $5\frac{3}{8} \times 1\frac{1}{4}$ ", 15, 16, 18, 20-H. S., 4692 to 8578, 25, 30-H., 6614 to 8072, 8, 10, 13-H. after 8577.....	1 25
Audiencer.....	4582.....	Nut on end countershaft, $5 \times 1\frac{1}{2}$ ", 16-H. single, 4692 to 9611.....	1 25
Audile.....	4583.....	Nut on end countershaft, $5\frac{1}{2} \times 2\frac{1}{2}$ ", 16-H., 9611 to 12194, 18-H., after 8577, 20-H., 8578 to 9249, 25, 30-H., 8072 to 9249.....	1 25
Augustly.....	4602.....	Rear cylinder head, 18-H. D., 8578 to 9249, 20-H. D., 8578 to 11732.....	4 00
Augustal.....	4604.....	Cylinder stuffing box gland, 16, 18, 20-H. double, after 8577.....	1 00
Augustalis.....	4605.....	Cylinder stuffing box nut, 16, 18, 20-H. double, after 8577.....	1 50
Aula.....	4607.....	Steam chest cover, 18-H. D., 8578 to 9249, 20-H. D., 8578 to 10022.....	5 00
Aulacode.....	4608.....	Piston head, $6\frac{1}{2}$ " with rod, 18-H. D., 8578 to 9249, 20 H. D., 8578 to 11404.....	10 00
Aurelian.....	4625.....	Steam chest gland, 16, 18, 20-H. double, after 8577.....	2 00
Aurilave.....	4645.....	Wedge for wrist pin box, 18, 20-H. double, after 8577.....	50
Auspicate.....	4656.....	Collar on smoke box for exhaust pipe, 16, 18, 20-H. D., after 8577.....	50
Austereness.....	4659.....	Lever for cylinder cocks, 16-H. D., 8578 to 13237; 18, 20-H. D., 8578 to 12947; 25, 30, 35-H. D., 8578 to 12529.....	75
Autarchic.....	4669.....	Cylinder stuffing box nut, 25-H. double, 8578 to 12529, 25-H. D., after 12581, cylinder and pump stuffing box nut, 25, 30, 35-H. double, 9611 to 13544.....	1 50

ENGINE REPAIRS—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Auterfolts	4670	Steam chest cover, 25-H. double, 8578 to 12529	4 00
Autopsical	4699	Wedge for wrist-pin box, 25-H. D., after 8577, 30, 35-H. D., 9611 to 10022	50
Ave	4726	Cylinder stuffing box wrench, No. 7188 takes place	
Averted	4748	Crosshead with shoes, 10, 13, 16-H. single, after 8975	9 50
Avertiment	4749	Crosshead with shoes, 18, 20, 25-H. single, after 8975	9 50
Avesta	4750	Crosshead with shoes, 30-H. single, after 8975	9 50
Avestan	4751	Crosshead with shoes, 18, 20-H. double, 8976 to 9450	9 50
Aviavo	4752	Crosshead with shoes, 25-H. double, 8976 to 9450	9 50
Avoidance	4771	Strainer for 1½" suction hose, 25, 30, 35-H., after 7027	1 00
Avoider	4772	Strainer for 1" suction hose, 10, 13, 16, 18, 20-H., after No. 1	1 00
Avokement	4773	Gland for steam chest, No. 4625 takes place	
Avoset	4774	Gland for steam chest, ⅞", 18-H. S., after 7474, 20, 25, 30-H. S., after 885	2 00
Awing	4801	Exhaust nozzle, 1½" bore, 18-H. D., 8976 to 10022, 20-H. D., 8976 to 12194	4 00
Axfitch	4814	Cover to side main box, 16-H. D., before 13237, 25-H. D., before 12529, 20-H. D., before 12947	25
Babbin	4851	Wrench, 1¼ and 1⅝, jaws wrist-pin box, friction clutch, double engine, after 10021	50
Babish	4859	Nut for 3¼" and 4¼" countershafts, 20, 25-H., 9249 to 10370, 30-H. S., 9249 to 9611	1 25
Backslide	4910	Lock nut 2x3¼", pump, 13, 16, 18, 20, 25, 30-H. S., after 7027, 16-H. D., after 14013	25
Backsliding	4911	Lock nut 2¼x4" cylinder, 10, 13, 16-H. S., 25-H. D., after 7027	25
Backstay	4912	Lock nut 2¼x4½" cylinder, 18, 20, 25, 30-H. S., 30, 35-H. D., after 7027	25
Backster	4913	Lock nut 2½"x4" cylinder, 16, 18, 20-H. D., after 7027	25
Baculus	4936	Collar for rocker shaft 1⅝" x 1¼" bore, double engine 8976 to 12947, 1¼x1¼" bore, rocker and reverse shaft, 20, 25-H. D., after 12946	25
Badness	4951	Intermediate adjustable pin, 25-H., 9305 to 10021: 30-H. 9249 to 9611	10 00
Badoch	4952	Piston head, 6", with rod, 18-H. double, 9249 to 9788	10 00
Bafflement	4957	Intermediate adjustable pin, 18, 20-H., 9248 to 10101: 16-H. D., 9611 to 13237: 16-H. S., after 9610	9 00
Bahut	4980	Oil tank to oil gearing, 16, 20, 25-H. D., after 9248	1 75
Baianism	4981	Cover to oil tank No. 4980	25
Baillon	4991	Crosshead with shoes, 25-H. D., after 9449	9 50
Balachong	5008	Cylinder stuffing box nut, 30, 35-H. double, 9611 to 11840	1 50
Balance	5009	Crosshead with shoes, 30, 35-H. double, 9611 to 11840	9 50
Balmung	5054	Crosshead with shoes, 18, 20-H. double, after 9449	9 50
Bancal	5077	Pump cylinder, 25, 30, 35-H. double, 9611 to 12530	4 00
Banister	5103	Rear cylinder head, 16-H. double, 9611 to 11840	4 00
Banjo	5104	Crosshead with shoes, 16-H. double, after 9610	9 50
Bank	5105	Crosshead shoe, 16-H. double, after 9610	1 50
Barbicel	5128	Front heater head, L. H., 16-H. D., 9611 to 13237: 18, 20-H. D., 9611 to 12947	2 00
Barbiers	5129	Rear heater head, L. H., 25-H. double, 9611 to 12529	1 50
Barbigerous	5130	Rear heater head, L. H., 16-H. D., 10812 to 13237: 18, 20-H. D., 9611 to 12947	1 50
Barbituric	5133	Piston head, 5½", with rod, 16-H. double, 9611 to 11522	10 00
Barbulate	5137	Wedge for wrist-pin box, 16-H. double, 9611 to 14029	50
Barbute	5138	Wedge for crosshead box, 16-H. double, 9611 to 14029	50
Barding	5145	Rear cylinder head, 25-H. double, 9672 to 12529	4 00
Bardling	5148	Piston head, 6½", with rod, 25-H. double, 9672 to 11511	10 00
Barse	5247	Intermediate pin, 25-H., 9900 to 10625: 30, 35-H., 9900 to 10708: 25-H. D., 11840 to 12529, 25, 30-H. S., after 10624	12 00
Basket	5299	Support for fire brick, 20-H., 10022 to 10434	7 00
Basque	5301	Cap to center main box, 25-H. D., after 10021	2 50
Bassist	5312	Friction clutch wrench, 7188 takes place	
Batable	5333	Pump arm, 16-H. double, 10022 to 13237	2 00
Batage	5334	Pump arm, 18, 20-H. double, 10022 to 12947	2 00
Batagur	5335	Pump arm, 25-H. double, 10022 to 12529	2 00
Batailed	5336	Pump arm, 30, 35-H. double, 10022 to 11840	2 00
Batara	5337	Pump cylinder, 16-H. D., 10022 to 13237: 18, 20-H. D., 10022 to 12947	4 00
Batata	5338	Pump stuffing box nut, 16, 18, 20-H. double, after 10021	1 00
Batrachite	5369	Wedge for wrist-pin, 30, 35-H. double, 10022 to 11840	1 00
Baufrey	5392	Intermediate pin, 18-H., 10022 to 10434: 20-H. D., 10100 to 12947: 20-H. S., after 10099	9 00
Bayou	5430	Nut for countershaft, 20-H., 10369 to 11042: 25-H., 10370 to 12043	1 50
Beddet	5509	Funnel for rear tank, Double engines before 12947, Single engines after 10433	2 00
Beden	5515	Support for fire brick, 35-H. D., 10434 to 11840	10 00
Bedrencht	5529	Intermediate pin, 25-H., 10625 to 11840: 30, 35-H., 10707 to 11840	12 00

ENGINE REPAIRS—Continued

Cipher	Number		Price
Bellucose	5636	Piston head, 5 $\frac{1}{2}$ " , with rod, 16-H. D., 11840 to 13237	10 00
Belligerency	5639	Rear cylinder head, 20-H. D., 11733 to 12862	4 00
Bellon	5644	Piston head, 6 $\frac{3}{8}$ " , with rod, 20-H. D., 11733 to 12862	10 00
Bergle	5758	Exhaust nozzle, with B45 bushing, 20, 25, 30-H. S., after 12946	3 50
Bernouse	5769	Socket wrench for main boxes, 16, 20-H., after 7474	75
Bessmer	5823	Bracket for governor idle pulley, 20 H. S., after 14064	2 00
Brigade	7017	Gib to countershaft, 25-H. D., rear mount, after 12528	10 00
Brills	7040	Cap to main box, Left hand, 25-H. D., rear mount, after 12528	5 00
Brine	7058	Crankshaft center main box, lower part 25-H. D., after 12528	5 00
Brining	7059	Exhaust elbow, Right hand, 25-H. D., rear mount, after 12528	6 00
Briener	7060	Elbow return for feed water, 25-H. D., rear mount, after 12528	1 00
Brink	7067	Water column (for $\frac{1}{2}$ " gauge cock), 25-H. D., 12529 to 12947	3 00
Brinness	7069	Exhaust elbow, Left Hand, 25-H. D., rear mount, after 12528	6 00
Broggle	7141	Branch pipe, 20-H. D., rear mount, after 12946	8 00
Broider	7144	Cap to main box, R. H., 20-H. D., rear mount, after 12946	5 00
Broiderd.	7145	Cap to main box, L. H., 20-H. D., rear mount, after 12946	5 00
Broilingly	7149	Steam chest cover, 20-H. D., rear mount, after 12946	5 00
Broke	7152	Cylinder rear head, 20-H. D., rear mount, after 12946	4 00
Broking	7155	Exhaust elbow, R. H., 16-H. D., after 13236, 20-H. D., after 12946	6 00
Broker	7156	Exhaust elbow, L. H., 16-H. D., after 13236, 20-H. D., after 12946	6 00
Bromize	7178	Piston head, 7" with rod, 25-H. D., on engine 12571 and after 12788	10 00
Bromization	7179	Cylinder rear head, 25-H. D., on engine 12571 and after 12788	4 00
Bronchl.	7185	Heater and exhaust connection, R. H., 16-H. D., after 13236, 20-H. D., after 12946	5 00
Bronchial.	7186	Heater and exhaust connection, L. H., 16-H. D., after 13236, 20-H. D., after 12946	5 00
Bronchus.	7188	Wrench for cylinder stuffing box, and friction clutch S. E.	50
Brontied	7192	Piston head, 6 $\frac{3}{8}$ " with rod, 20-H. D., rear mount, after 12946	10 00
Broodingly	7204	Branch pipe, 16-H. D., rear mount, after 13236	8 00
Brook	7207	Cylinder rear head, 16-H. D., rear mount, after 13236	4 00
Brookline	7212	Cap to main box, R. H., 16-H. D., after 13236	5 00
Brooky	7213	Cap to main box, L. H., 16-H. D., after 13236	5 00
Brough	7239	Piston head 6 $\frac{1}{4}$ " with rod, 16-H. D., rear mount, after 13236	10 00
Bruilzie	7271	Water tank stuffing box, gland, double engines, after 13215	50
Bruin	7272	Water tank stuffing box nut, double engines, after 13215	50
Bruise	7273	Pump barrel, 25-H. D., after 13215	4 00
Bruiser	7274	Malleable pump arm, 25-H. D., after 13215	2 00
Brunion	7291	Exhaust nozzle, 2 $\frac{1}{2}$ " bore for burning straw, with bushing B45 to 2" bore for burning coal, 25-H., rear mount, after 12946	4 00
Brunswick	7295	Water column (for $\frac{3}{4}$ " gauge cock), 25-H. D., after 12946	3 00
Brushiness	7300	Pump barrel, 16-H. D., after 13236, 20-H. D., after 13259	4 00
Brushite	7301	Malleable pump arm, 20-H. D., after 13259	2 00
Bubalus	7324	Malleable pump arm, 16-H. D., after 13236	2 00
Bucan	7329	Exhaust nozzle gland, 16, 20-H. D., after 13215	25
		Ash pan, front, sheet steel, 16-H.	3 00
		Ash pan, front, sheet steel, 20-H.	3 00
		Ash pan, front, sheet steel, 25, 30, 35-H.	3 50
		Bolt stay to fire box, give diameter, 18" long, 12 thread	1 00
		Bolt, stud or cap screw, $\frac{3}{8}$ " to $\frac{1}{2}$ " diam. x 1" to 3 $\frac{1}{2}$ " long	25
		Bolt, stud or cap screw, $\frac{3}{8}$ " to $\frac{1}{2}$ " diam. x 3 $\frac{3}{4}$ " to 6" long	35
		Bolt, stud or cap screw, $\frac{3}{8}$ " to 1" diam. x 1" to 3 $\frac{1}{2}$ " long	45
		Bolt for lug gears, with two nuts, $\frac{1}{2}$ x3 $\frac{1}{2}$ ", 10, 13, 16, 18, 20-H.	40
		Bolt for lug gears, with two nuts, 1x3 $\frac{1}{2}$ ", 25, 30, 35-H.	50
		Bolt to wedge $\frac{1}{2}$ x1 $\frac{1}{2}$ " V. thread, Top of wedge to wrist pin box 10-13 H. S.	15
		Bolt to wedge $\frac{1}{2}$ x1 $\frac{1}{2}$ " V. thread, Bottom of wedge to wrist pin box 10-13 H. S.	15
		Bolt to wedge $\frac{1}{2}$ x1 $\frac{3}{8}$ " V. thread, Top of wedge to crosshead box 10-13 H. S.	15
		Bolt to wedge $\frac{1}{2}$ x1 $\frac{3}{8}$ " V. thread, Bottom of wedge to crosshead box 10-13 H. S.	15
		Bolt to wedge $\frac{1}{2}$ x2" V. thread, Top of wedge to wrist pin box 16 H. S. 7028 to 14029.	15
		Bolt to wedge $\frac{1}{2}$ x2" V. thread, Bottom of wedge to wrist pin box 16 H. S. 7028 to 14029.	15
		Bolt to wedge $\frac{1}{2}$ x1 $\frac{3}{8}$ " V. thread, Top of wedge to crosshead box 16 H. S. 7028 to 14029.	15
		Bolt to wedge $\frac{1}{2}$ x1 $\frac{3}{8}$ " V. thread, Bottom of wedge to crosshead box 16 H. S., 7028 to 14029.	15
		Bolt to wedge $\frac{1}{2}$ x2" V. thread, Top of wedge to wrist pin box 18, 20, 25 H. S., 7028 to 14064, U. S. thread, after 14063.	15

ENGINE REPAIRS—Continued		Price
Cipher	Number	
	Bolt to wedge $\frac{1}{2} \times 1\frac{1}{2}$ " V. thread, Bottom of wedge to wrist pin box 18, 20, 25 H. S., 7028 to 14064, U. S. thread, after 14063.....	15
	Bolt to wedge $\frac{1}{2} \times 1\frac{1}{2}$ " V. thread, Top of wedge to crosshead box, 18, 20, 25 H. S., 7028 to 14064, U. S. thread, after 14063.....	15
	Bolt to wedge $\frac{1}{2} \times 1\frac{1}{2}$ " V. thread, Bottom of wedge to crosshead box, 18, 20, 25 H. S., 7028 to 14064, U. S. thread after 14063.....	15
	Bolt to wedge $\frac{1}{2} \times 2\frac{1}{4}$ " V. thread, Top of wedge to wrist pin box 30 H. Simple.....	15
	Bolt to wedge $\frac{1}{2} \times 1\frac{1}{2}$ " V. thread, Bottom of wedge to wrist pin box, 30 H. Simple.....	15
	Bolt to wedge $\frac{1}{2} \times 2\frac{1}{4}$ " V. thread, Top of wedge to crosshead box, 30 H. Simple.....	15
	Bolt to wedge $\frac{1}{2} \times 1\frac{1}{2}$ " V. thread, Bottom of wedge to crosshead box, 30 H. Simple.....	15
	Bolt to wedge $\frac{1}{2} \times 3$ " V. thread, Through wedge to crosshead box, 16 H. D.....	20
	Bolt to wedge $9/16 \times 5\frac{1}{8}$ " V. thread, Through wedge to wrist pin box, 16 H. D.....	30
	Bolt to wedge $9/16 \times 6$ " V. thread, Through wedge to wrist pin box, 18, 20 H. D.....	30
	Bolt to wedge $\frac{1}{2} \times 1\frac{1}{2}$ " V. thread Top of wedge to crosshead box, 18, 20, H. D. Before 14000.....	15
	Bolt to wedge $\frac{1}{2} \times 1\frac{1}{2}$ " V. thread, Bottom of wedge to crosshead box, 18, 20, H. D. Before 14000.....	15
	Bolt to wedge $\frac{1}{2} \times 3\frac{1}{2}$ " V. thread, Through wedge to crosshead box, 18, 20 H. D. After 13999.....	20
	Bolt to wedge $9/16 \times 6\frac{1}{4}$ " V. thread, Through wedge to wrist pin box, 25 H. D.....	30
	Bolt to wedge $\frac{1}{2} \times 1\frac{1}{2}$ " V. thread, Top of wedge to crosshead box, 25 H. D.....	15
	Bolt to wedge $\frac{1}{2} \times 1\frac{1}{2}$ " V. thread, Bottom of wedge to crosshead box, 25 H. D.....	15
	Bolt to wedge $\frac{1}{2} \times 1\frac{1}{2}$ " V. thread, Bottom of wedge to crosshead box, 30, 35 H. D.....	15
	Bolt to wedge $\frac{1}{2} \times 1\frac{1}{2}$ " V. thread, Top of wedge to crosshead box, 30, 35 H. D.....	15
	Bolt to wedge $9/16 \times 7$ " V. thread, Through wedge to wrist pin box, 30, 35 H. D.....	30
Oat.....	Copper thimble for $1\frac{1}{2}$ " flues.....	10
Oath.....	Copper thimble for 2" flues.....	12
Override.....	Copper thimble for 2 $\frac{1}{2}$ " flues.....	15
	Crosshead, steel guide engines, give number of engine.....	9 50
Overnice.....	Cylinder ring, $5\frac{1}{2} \times 4 \times 3\frac{1}{2}$ " , 16-H. D., 9611 to 11522.....	1 25
Outcome.....	Cylinder ring, $5\frac{1}{2} \times 4 \times 3\frac{1}{2}$ " , 16-H. D., 11522 to 13237.....	1 25
Overnoise.....	Cylinder ring, $5\frac{1}{2} \times 4 \times 3\frac{1}{2}$ " , 18-H. D., 9798 to 10434.....	1 25
Overmatch.....	Cylinder ring, $6\frac{1}{2} \times 4 \times 3\frac{1}{2}$ " , 18-H. D., 8578 to 9249, 20-H. D., 9249 to 11734, 16-H. D., after 13236.....	1 25
Outfit.....	Cylinder ring, $6\frac{1}{2} \times 4 \times 3\frac{1}{2}$ " , 20-H. D., 11734 to 12861.....	1 25
Overtly.....	Cylinder ring, $6\frac{1}{2} \times 4 \times 3\frac{1}{2}$ " , 20-H. D., after 12860.....	1 25
Outgrow.....	Cylinder ring, $6\frac{1}{2} \times 4 \times 3\frac{1}{2}$ " , 25-H. D., 9611 to 12789.....	1 25
Overpass.....	Cylinder ring, $7 \times 4 \times 3\frac{1}{2}$ " , 25-H. D., 8976 to 9611, 25-H. D., after 12788.....	1 50
Obtuse.....	Cylinder ring, $7\frac{1}{2} \times 4 \times 3\frac{1}{2}$ " , 30-H. D., after 10021.....	1 50
Oversew.....	Cylinder ring, $7\frac{1}{2} \times 4 \times 3\frac{1}{2}$ " , 30-H. D., 9611 to 10022.....	1 50
Occult.....	Cylinder ring, $7\frac{1}{2} \times 4 \times 3\frac{1}{2}$ " , 15-H., 4192 to 4692, 13-H., after 4691.....	1 50
Overprompt.....	Cylinder ring, $7\frac{1}{2} \times 4 \times 3\frac{1}{2}$ " , 35-H. D., 9611 to 11840.....	1 50
Ocean.....	Cylinder ring, $8\frac{1}{2} \times 4 \times 3\frac{1}{2}$ " , 15, 16, 17-H. S., after 4691.....	1 75
Outing.....	Cylinder ring, $8\frac{1}{2} \times 4 \times 3\frac{1}{2}$ " , 18-H. S., 5791 to 10434.....	1 75
Outlast.....	Cylinder ring, $8\frac{1}{2} \times 4 \times 3\frac{1}{2}$ " , 20-H. S., after 5006.....	1 75
Outlaw.....	Cylinder ring, $9\frac{1}{2} \times 4 \times 3\frac{1}{2}$ " , 25-H. S., after 7027.....	2 00
Outlay.....	Cylinder ring, $9\frac{1}{2} \times 4 \times 3\frac{1}{2}$ " , 30-H. S., after 12193.....	2 00
Overtoise.....	Fire Clay brick (12 a complete set), 16-H. S. B., after 13356.....	12 00
Overlaid.....	Fire clay brick, (12 a complete set), 20-H. S. B., after 6613.....	12 50
Overland.....	Fire clay brick, (12 a complete set), 25-H. S. B., after 6613.....	13 00
Overlap.....	Fire clay brick, (12 a complete set), 30-H. S. B., after 6613.....	13 00
Overshadow.....	Fire clay brick, (14 a complete set), 35-H. S. B., 9611 to 11839.....	14 00
Outweigh.....	Flue, $1\frac{1}{2} \times 69$ " , 10, 12, 13, 15, 16-H., part 1891-1900, and part 1901.....	1 85
Overgaze.....	Flue, 2×77 " , 18, 20-H. C. B., 7475 to 9249, 10, 13, 16-H. S., part 1901 and since.....	2 25
Overgaze.....	Flue, 2×77 " , 16-H. D., 8578 to 13237.....	2 25
Overt.....	Flue, 2×79 " , 16-H. D., after 13236.....	2 30
Overrake.....	Flue, 2×84 " , 18-H. 9249 to 10435.....	2 50
Oversum.....	Flue, 2×94 " , 20-H. D., 12947 to 13259 inclusive, 13292, 13294, 5, 6, 13298 to 13334, inclusive, 13381, 13384.....	2 75

ENGINE REPAIRS—Continued

Cipher	Number	Price
Oversum	Flue, 2x94", 25-H. D., 12529 to 13216 inclusive	2 75
Overfloat	Flue, 2½x90", 20-H. S. B., 7028 to 9249	3 00
Overflow	Flue, 2½x94", 25-H. D., after 13215, 25-H. D., 8976 to 12530	3 15
Overflow	Flue, 2½x94", 20-H. D., 8976 to 12947	3 15
Overflow	Flue, 2½x94", 20-H. D., 13260 to 13291 inclusive, 13293-13297, 13342 to 13380 inclusive, 13382-13383 inclusive, 13385 and after	3 15
Overflow	Flue, 2½x94", 25, 30-H. S., after 7027, 20-H. S., after 9248	3 15
Overrank	Flue, 2½x100", 35-H., 9611 to 11840	3 35
Octagon	Flue scraper, 1½" diameter	1 75
Octave	Flue scraper, 2" diameter	2 00
Overget	Flue scraper, 2½" diameter	2 50
Octavo	Flue scraper, 2½" diameter	2 75
Octopod	Flue scraper handle	1 50
Octopus	Flue expander, roller 1½"	5 00
Outreach	Flue expander, roller 2"	6 00
Overgild	Flue expander, roller 2½"	7 00
Outride	Flue expander, roller 2½"	8 00
Outrage	Glass to water gauge, ½x8", after 5790	30
	Hand hole crab, No. K or No. 4, for 3½x4½" hole, over fire door	75
	Hand hole crab, No. H., No. I. or 13 for 2½x3½" hole, front, back, fire box and in smoke box	75
	Hand hole plate, No. 25, convex, for 3½x4½" hole under flues, 25-H., 6614 to 10812	1 00
	Hand hole plate, No. 30, convex, for 3½x3½" hole under flues, 30, 35-H., 6614 to 10812	1 00
	Hand hole plate, No. U., or 12, convex, for 2½x3½" hole under flues, after 10811	1 00
	Hand hole plate, No. O or No. 2, straight, for 2½x3½" hole, front, back, fire box and in smoke box	1 00
	Hand hole plate, No. Y or No. 3, for 3½x4½" hole over fire door	1 00
	Hand hole plate, No. 20, convex, for 3½x4½" hole under flues, 20-H., 6614 to 10812	1 00
Oleaster	Hose for suction, 1" hole, 14' long, ½" couplings, 8, 10, 12, 13, 14, 15, 16, 18, 20, 22-H., single and double side mount engines, after 1612	8 50
Overglide	Hose for suction, 1½" hole, 16' long, 1" couplings, 25, 30, 35-H., single and double side mount engines, after 7027	11 00
Overlusty	Hose suction, 2"x20', tank pump, front tanks, side tank	15 00
Overprize	Hose suction, tank pump, 2"x25'	18 75
Olive	Hose for discharge or wetting down, ¾"x10'. Double engines before 13216, single engines after year 1880	2 50
Overtime	Hose discharge or wetting down, ¾"x15', double engines after 13215	3 75
Overly	Hose discharge, 1"x12½', tank pump	3 50
Abstain	Hard oil, one pound can	25
Oversize	Oil can, for engine	1 00
Overidge	Packing, ¾" square flax for pump, per foot	05
Overripe	Packing, ¾" round spiral for valve rod, per foot	10
Overpeak	Packing to hand hole, lead, 2½x3½" hole	15
Overspin	Packing to hand hole, lead, 3½x4½" hole	15
Onyx	Packing to glass water gauge, rubber	10
Ottoman	Pin to crosshead, 1½x6½", 10, 13, 16-H., Corliss guide, 7028 to 8976	2 00
Ounce	Pin to crosshead, 1½x7½", 20, 25-H. S., Corliss guide, 7028 to 8976	2 00
Ousel	Pin to crosshead, 1½x7½", 30-H. simple, 7028 to 8976	2 00
Outbreak	Pin to crosshead, 1½x1½x7½", 10, 13, 16-H. S., Corliss guide, after 8975	2 00
Outburst	Pin to crosshead, 1½x1½x7½", 18, 20, 25-H. S., Corliss guide, after 8975	2 00
Outcast	Pin to crosshead, 1½x1½x7½", 30-H. S., Corliss guide, after 8975	2 00
Outstand	Pin to crosshead, 1½x1½x6½", 18, 20, 25-H. D., right and left hand, 8976 to 9611	2 00
Oval	Pin to crosshead, 1½x1½x5½", R. H., 18, 20, 25-H. D., after 9610, L. H., 20-H. D. R. M., 12947 to 13260, L. H., 25-H. D. R. M., 12529 to 13216	2 00
Overdress	Pin to crosshead, 1½x5½", 30, 35-H. D., right hand, after 9610	2 00
Overdose	Pin to crosshead, 1½x1½x7½", 30, 35-H. D., left hand, after 9610	2 00
Overdye	Pin to crosshead, 1½x5½", 16-H. D., right hand, after 9610	2 00
Oak	Pin to crosshead, 1½x7½", 16-H. D., left hand, after 9610	2 00
Overspring	Pin to crosshead, 1½x1½x7½", L. H., 18, 20, 25-H. D., Side Mount after 9610, 20-H. D., Rear Mount after 13259, 25-H. D., Rear Mount, after 13215	2 00
Opium	Poker for engine	1 50
Overfall	Pump rod, ¾x18½", 10, 13-H. simple, after 7027	1 50
Overgorge	Pump rod, ¾x20", 16, 18, 20-H. simple, after 7027	1 50
Overhang	Pump rod, 1x20½", 25, 30-H. simple, after 7027	1 75
Overread	Pump rod, 1x24", upset head, 16, 18, 20-H. double, 9611 to 10022	1 75

ENGINE REPAIRS—Continued

<i>Cipher</i>	<i>Number</i>	<i>Price</i>
Overrent.....	Pump rod, 1½x24½", upset head, 25-H. double, 9611 to 10022.....	2 00
Overslich.....	Pump rod, 1½x26", upset head, 30, 35-H. double, 9611 to 10022.....	2 00
Oversleep.....	Pump rod, 1x24½", with nut, 16-H. D., 10022 to 13237, 18, 20-H. D., 10022 to 12947.....	1 75
Overslide.....	Pump rod, 1½x25½", with nut, 25-H. double, 10022 to 13216.....	2 00
Overslight.....	Pump rod, 1½x27", with nut, 30, 35-H. double, 10022 to 11840.....	2 00
Overteemed.....	Pump rod, 1x17½", 16-H. D., after 13236.....	1 75
Overthrow.....	Pump rod, 1x16½", 20-H. D., after 13259.....	1 75
Overthrust.....	Pump rod, 1½x16", 25-H. D., after 13215.....	2 00
Overhend.....	Scraper for ashes.....	1 50
Overleap.....	Shield over gear, ½x4½x66", 10, 13-H., after 7474, 16-H., 7475 to 8578.....	4 00
Overlick.....	Shield over gear, ½x4½x76", 16-H. D., 8578 to 13237, 16-H. S., after 8577.....	4 25
Overlight.....	Shield over gear, ½x4½x82", 18, 20-H. D., 8578 to 12947, 18, 20-H. S., after 8577.....	4 50
Overlive.....	Shield over gear, ½x6x94", 25-H. D., 7475 to 12529, 25-H. S., after 7474.....	6 00
Overstring.....	Shield over differential and main pinion, say if for 16, 20, 25-H. D., rear mount, after 12528.....	1 50
Overtake.....	Shield over gear, ½x4½x93", 16-H. D., after 13236.....	5 00
Overtalk.....	Shield over gear, ½x5x105", 20-H. D., after 12946.....	6 00
Overstrike.....	Shield over gear, ½x6x110", 25-H. D., after 12528.....	7 00
Overseen.....	Shield over gear, ⅝x6x89", 30-H., after 9610.....	6 00
Overseason.....	Shield over gear, ⅝x6x110", 35-H., after 9610.....	9 00
Oriel.....	Smoke stack, 9½x10½" diameter, no castings, 8, 10, 13-H., after 5006.....	8 00
Orient.....	Smoke stack, 10½x11½" diameter, no castings, 15, 16, 17, 18, 20, 25, 30, 35-H., after 5006.....	8 00
Outset.....	12½" spark arrester cone screen, 8, 10, 12, 13-H., after 5006.....	2 75
Outskirt.....	14½" spark arrester cone screen, 14, 15, 16, 18, 20, 25, 30, 35-H., after 5006.....	3 00
Overslip.....	Spark bonnet for straw burning engines.....	5 50
	Tool box on rear platform, give size box.....	8 00
	Tool box hooks on square tank, give size engine.....	3 00
Oversell.....	Water and coal tank, 24x28x26", square, 67 gallon, say if right or left hand, 16, 18-H. D., 9611 to 13237, 13, 16, 18-H. S., after 9610.....	35 00
Overplus.....	Water and coal tank, rear, 24x28x30", square, 78 gallon, say if right or left hand, 20-H. D., 9611 to 12947, 20-H. S., after 9610.....	40 00
Overpoise.....	Water and coal tank, rear, 32x36x30", square, 134 gallon, say if right or left hand, 25-H. D., 9611 to 12529, 25-H. S., after 9610.....	60 00
Overpolish.....	Water and coal tank, rear, 32x36x36" square, 164 gallon, say if right or left hand, 30, 35-H., after 9610.....	75 00
Overtide.....	Water tank on side of boiler, 26x36x30", 105 gallon, say if R. or L. H., 16-H. D., after 13236.....	45 00
Overtill.....	Water tank on side of boiler, 26x40x30", 128 gallon, say if R. or L. H., 20-H. D., after 12946.....	55 00
Overstrung.....	Water tank on side of boiler, 28x48x33", 180 gallon, say if R. or L. H., 25-H. D., after 12528.....	65 00
Overpress.....	Water tank, front, 30x36", round, 100 gallon, 25, 30, 35-H. S., after 9248, 25-H. D., 9249 to 12529, 30, 35-H. D., 9249 to 11840.....	40 00
Overlook.....	Water tank, front, 26x30", round, 62 gallon, 16, 18, 20-H. S., after 9610, 16-H. D., 9611 to 13237, 18, 20-H. D., 9611 to 12947.....	30 00
Orris.....	Wrist pin, no cap, 1½x2½", 13-H., after 6613, 10-H., after 7474.....	3 00
Overdo.....	Wrist pin, no cap, 2x3" journal, 16-H. single, after 6613.....	3 00
Osmund.....	Wrist pin, no cap, 2½x3½", 18, 20, 22, 25-H. single, after 6106.....	3 00
Overhaste.....	Wrist pin, no cap, 3x3½", 30-H. single, after 7474.....	3 00
Overmoist.....	Wrist pin cap, give diameter of pin.....	1 00

BOILER BRACKETS

Note.—No two boilers are exactly alike, and it is sometimes necessary to chip or file out holes or drill new holes to make casting fit boiler bolts on account of variation in location of stay bolts. Boiler castings, such as heaters, axle brackets, countershaft brackets, must be chipped out where they go over stay bolts and chipped or shimmed to fit the plate and throw shaft, axle, or pin, parallel with each other so gearing will be in line and not cut.

AXLE BRACKETS

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Abneural	S 126	Axle bracket, 20, 22-H. S. B., 5007 to 5562, 18-H. S. B., 5562 to 5791, 25-H., 7028 to 8072, 20-H. S. B., 6614 to 8578.	30 00
Avalling	4716	Axle bracket, 20-H. S. B., 8938 to 9249.	33 00
Backfurrow	4895	Axle bracket, 30-H., 9249 to 9611, 25-H., 9254 to 11840.	50 00
Banyan	5100	Axle bracket, 16-H. D., R. H., 10922 to 13237, 16-H.S., L. H., after 10921.	33 00
	5100 E.	Axle bracket, 16-H., 9611 to 10921.	33 00
Basicity	5287	Axle bracket, 20-H. D., R. H., 10022 to 12947, 20-H. S., L. H., after 10021.	37 00
Beautification	5469	Axle bracket, R. H., 20-H. S., after 11041.	37 00
Becassine	5481	Axle bracket, R. H., 16-H. S., after 11041.	33 00
Bedral	5528	Axle bracket, L. H., 25-H., 10627 to 11840.	60 00
Belten	5658	Axle bracket, 25-H. D., R. H., 11840 to 12529, 25-H. S., L. H., after 11839.	70 00
Bemuse	5672	Axle bracket, R. H., 25-H. S., after 11839.	52 00
Bridoon	7011	Axle bracket, R. H., 25-H. D., after 12528.	35 00
Brief	7012	Axle bracket, L. H., 25-H. D., after 12528.	35 00
Brochet	7125	Axle bracket, R. H., 20-H. D., after 12946.	24 00
Brochette	7126	Axle bracket, L. H., 20-H. D., after 12946.	24 00
Brooder	7200	Axle bracket, R. H., 16-H. D., after 13236.	20 00
Broodered	7201	Axle bracket, L. H., 16-H. D., after 13236.	20 00

BRACKET FOR SIDE BAR TO PLATFORM

Aspersary	4221	Bracket for side bar to platform, L. H., 20, 25, 30-H., straw burners, 7028 to 8976.	2 00
Astringently	4373	Bracket for side bar to platform, 16-H., 7475 to 8578, 10, 13-H., after 7474.	3 00
Astrometry	4382	Bracket for side bar to platform, 16-H., 8578 to 9611, 18, 20-H. S. C. B., 7475 to 9611.	2 50

CAB BRACKETS

Attunement	4560	Cab holder on boiler, front of dome, single engines, 8550 to 9611, 13-H. after 8577, 25-H. S. after 13215, 20 H. S. after 13356, 16-H. S., after 13215.	3 50
Atypic	4565	Cab holder on dome, 16-H. D., 8578 to 13237, 18, 20-H. D., 8578 to 12947, 25, 30, 35-H. D., 8578 to 12529, on center of cab, single engines, after 8071.	2 00
Auklet	4606	Cab support to rear side of boiler, 16-H. D., 8578 to 13237, 18, 20-H. D., 8578 to 12947, 25, 30, 35-H. D., 8578 to 12529, 13-H., after 8577, 16-H. S., 8578 to 12947.	3 00
Bagged	4965	Cab support on side cab, beveled, after 9248.	3 00
Barranca	5225	Cab bracket with offset for side boiler, 16-H., after 13215, 20, 25-H.S., after 9610.	3 00
Brittannic	7090	Cab holder front of cab, 16, 20, 25-H. D., after 12193.	2 50
Brite	7091	Cab clamp to cylinder, 16, 20, 25-H. D., after 12193.	50
Brun	7288	Cab bracket on platform, R. H., double engines, after 13068.	2 00
Brunette	7289	Cab bracket on platform, L. H., double engines, after 12527.	2 00

FOOT BOARD

Astronomy	4387	Foot board, 13-H., after 7474, 16-H., 8071 to 9611.	5 00
Attorney	4548	Foot board for engine with jacketed boiler, 18, 20-H. S., 8313 to 9249, 25-H. S., 8313 to 12361.	5 00
Autopticity	4702	Foot board, 16-H. S., after 8577.	4 00
Axiality	4816	Foot board, R. H., 16-H. D., 8976 to 13237, 18, 20-H. D., 8976 to 12947, 25-H. D., 8976 to 12529.	4 00
Aygreen	4845	Foot board, L. H., 25-H. D., 8976 to 11042, 16-H. D., 9249 to 13236, 18, 20-H. D., 9249 to 12947.	6 00
Bagman	4970	Foot board, 20-H. S., after 9248, 18-H. S., 9611 to 10434.	6 00
Bengali	5693	Foot board, 25-H. S., after 12358.	7 50

FRONT TANK BRACKETS

Asterismal	4335	Bracket for front tank, R. H., 25, 30, 35-H., after 9248.	5 00
Asteristic	4336	Bracket for front tank, L. H., 25, 30, 35-H., after 9248.	5 00
Attone	4547	Bracket for front tank, 10, 13, 16, 18, 20-H., after 8071.	2 25

INTERMEDIATE SPUR WHEEL BRACKET

Addict	1847	Intermediate bracket, 16-H., 5791 to 9611.	12 00
Availability	4718	Intermediate bracket, 20-H. S., 8976 to 9249.	12 00
Baguette	4976	Intermediate bracket, 25-H. S., after 9275.	14 00
Bahadur	4978	Intermediate bracket, 20-H. D., 9249 to 12947.	12 00
Barcan	5139	Intermediate bracket, 16-H. S., after 9610.	10 00
Barraclade	5220	Intermediate bracket, 16-H. D., 9611 to 13237.	12 00
Begster	5578	Intermediate bracket, 20-H. S., after 11031.	11 00

SMOKE STACK BASE

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Acanthite.....	1072.....	Smoke stack base, 14, 15-H., 1991 to 5007, 8, 10, 12, 13-H., after 1990	5 00
Acquainting.....	1698.....	Smoke stack base, 25-H., after 5006	5 00
Acroama.....	1731.....	Smoke stack base, 16-H., after 5244, 18-H., after 9248	5 00
Atactic.....	4412.....	Smoke stack base, 18-H., 7475 to 9249, 20-H., after 7749	5 00

STEERING SHAFT BRACKET

Autopsically.....	4700.....	Steering bracket, R. H., 16-H. S., after 10811, 18, 20, 25-H. S., 8902 to 14029	10 00
Auoptically.....	4701.....	Steering basket, L. H., 16-H. S., after 10811, 18, 20-H. S., 8578 to 14029	8 00
Befit.....	5554.....	Steering bracket, L. H., 25-H. S., after 11095	8 00
Brightsome.....	7028.....	Steering bracket, R. H., 25-H. D., on engine 12658 and after 12755	6 50
Brightness.....	7029.....	Steering bracket, L. H., 25-H. D., on engine 12658 and after 12755	4 00
Brodekin.....	7138.....	Steering bracket, R. H., 20-H. D., after 12946	6 50
Brog.....	7139.....	Steering bracket, L. H., 16-H. D., after 13236, 20-H. D., after 12946	3 00
Broomster.....	7216.....	Steering bracket, R. H., 16-H. D., after 13236	6 00

ENGINE GRATES AND BARS

Abraid.....	201.....	Grate, No. 4355 takes place	
Abranchial.....	203.....	Grate, No. 4385 takes place	
Absinth.....	376.....	Grate, No. 4355 takes place	
Accessorily.....	1255.....	Grate, 6 No. 4385 take place	
Artifex.....	4075.....	Grate, $\frac{3}{8}$ " opening, (8 a set), 20-H. C. B., 5791 to 8578, each	4 50
Artisan.....	4082.....	Grate for coal, $\frac{3}{8}$ " opening, 20-H. (5 a set), 6107 to 9780, each	6 50
Arythmous.....	4110.....	Grate for coal, 18, 22-H. S. B., (4, 4110; 1, 4111 a set), 4692 to 6107	5 00
Asaheim.....	4111.....	Grate for coal, 18, 22-H. S. B., 4692 to 6107	8 00
Asphyxiate.....	4235.....	Grate, 4075 takes place	
Astonishment.....	4355.....	Grate, $\frac{3}{8}$ " opening, (6 a set), 13-H., after 7474, each	3 75
Astral.....	4363.....	Grate, 25-H. engine, (5 a set), 7028 to 9780, each	6 50
Astronomic.....	4385.....	Grate, $\frac{3}{8}$ " opening, (6 a set), 16-H., 6107 to 8578, each	4 00
Aswoon.....	4405.....	Grate, $\frac{3}{8}$ " opening, 18-H. (8 a set), 7475 to 9611, each	4 50
Atlantean.....	4456.....	Grate for coal, (5 a set), 30-H., 7475 to 9611, each	8 00
Augean.....	4594.....	Grate, $\frac{3}{8}$ " opening, (6 a set), 16-H., 8578 to 9611, each	4 00
Auger.....	4595.....	Grate, 4594 takes place	
Badinage.....	4946.....	Shake grate, (6 a set), 18-H., lug on inside, 9249 to 10434, each	4 50
Barbarity.....	5115.....	Shake grate, 16-H., lug on inside, (6 a set), 9611 to 10434, each	4 50
Barmaid.....	5185.....	Shake grate, 20-H., lug on inside, (7 a set), 9780 to 10076, each	5 00
Barman.....	5186.....	Shake grate, 25-H., lug on inside, (8 a set), 9780 to 10076, each	5 50
Batoned.....	5365.....	Shake grate, 25-H., lug on outside, 5800 takes place	
Battlesome.....	5382.....	Shake grate, 16-H., lug on outside, 5798 takes place	
Bauch.....	5386.....	Shake grate, 20-H., lug on outside, 5799 takes place	
Bauchle.....	5387.....	Shake grate, 30, 35-H., lug on outside, (8, 30-H., 9, 35-H., a set) after 10021, each	6 00
Beside.....	5798.....	Shake grate, 16 H., lug on outside, (6 a set), Side Mount, (7 a set), Rear Mount, after 10433	4 50
Besiege.....	5799.....	Shake grate, 20 H., lug on outside, (7 a set), after 10075	5 00
Besieging.....	5800.....	Shake grate, 25 H., lug on outside, (8 a set), after 10021	5 50
Absonant.....	569.....	Front cross bar for grates, all 10, 12-H.	1 50
Acampsia.....	1064.....	Front cross bar for grates, 13, 14-H., 595 to 4692, 16-H., 4692 to 9611	1 50
Acetin.....	1575.....	Front cross bar for grates, 13-H., simple, after 4191	1 50
	4294.....	Front cross bar for grate, 20-H. C. B., 7028 to 8578	2 50
Assurgency.....	4329.....	Front cross bar for grates, 20-H., 7028 to 9780	4 00
Astoop.....	4356.....	Front cross bar for grates, 25-H., 7028 to 9780	6 00
Asweat.....	4402.....	Front cross bar for grates, (No. 4728 takes place)	
Avelong.....	4728.....	Front cross bar for grate, 18-H., 8578 to 9249	2 00
Absolviture.....	568.....	Middle cross bar for grates, all 10, 12-H.	3 00
Acamp.....	1063.....	Middle cross bar for grates, 16-H., 4692 to 9611	3 00
Acetimetry.....	1574.....	Middle cross bar for grates, 13-H., after 4191	3 00
Assiduity.....	4295.....	Middle cross bar for grates, 20-H. C. B., 7028 to 8578	4 00
Asweve.....	4403.....	Middle cross bar for grates, 18-H. S., 7475 to 9611	4 00
Absolvitor.....	567.....	Back cross bar for grates, all 10, 12-H.	1 50
Acalyprate.....	1062.....	Back cross bar for grates, 16-H., 4692 to 9611	1 50
Acetimeter.....	1573.....	Back cross bar for grates, 13-H., after 4191	1 50
Artistically.....	4086.....	Back cross bar for grates, 20-H. S. B., 6107 to 8072	6 00
Aspidium.....	4241.....	Back cross bar for grates, 25-H., 6614 to 8072	7 50
Assiduous.....	4296.....	Back cross bar for grates, 20-H. C. B., 7028 to 8578	2 50
Aswithe.....	4404.....	Back cross bar for grates, 18-H. S., 7475 to 9611	2 50
Barratry.....	5230.....	Dead plate, next to fire door, 16-H. D., 9611 to 13237, 16-H. S., after 9610	3 50
Barred.....	5231.....	Dead plate, next to fire door, 18-H., 9611 to 10434	3 50

ENGINE GRATES AND BARS—Continued

Cipher	Number		Price
Barrel	5232	Dead plate, next to fire door, 20-H., after 9771	4 00
Barreled	5233	Dead plate, next to fire door, 25-H., after 9771	4 00
Barren	5234	Dead plate, next to fire door, 30, 35-H., 9772 to 11840	4 50
Attermine	4534	Leg for back cross grate, 20, 25, 30-H., 8314 to 9780	1 50
Baft	4958	Bracket for shake grate lever, 18-H. double, 9249 to 9611, 16, 20, 25, 30, 35-H., 9611 to 9900	1 00
Barracoon	5221	Bracket for shake grates, 25, 30, 35-H., 9900 to 10840, 16-H. D., 9901 to 13237, 20-H. D., 9901 to 12947, 16, 20-H. S., after 9900	1 25
Beatify	5452	Bracket for shake grate handle, 16-H. D., after 13236, 20-H. D., after 12946, 25-H. D., after 12528, 25, 30-H. S., 30-H. D., after 10839	1 25
Badlands	4947	Side bar for shake grates, 18-H., 9249 to 10434, 16-H. D., 9611 to 13237, 16-H. S., 9611 to 13999	6 00
Barmecide	5188	Side bar for shake grate, 20-H., after 9780	9 00
Barming	5189	Side bar for shake grate, 25, 30-H., after 9780	10 00
Besiegingly	5802	Side bar for shake grate, 16-H. S., after 13998	6 00
Bruising	7276	Side bar for shake grates, 16-H. D., 13237 to 14014	7 00
Budget	7362	Side bar for shake grate, 16-H. D., after 14013	7 00
Bruit	7277	Dead plate front and back, 16-H. D., after 13236	2 50
Aweather	4795	Straw grate, (3 a set), 25, 30-H. S. B., before 9773, 18, 20-H. S. B., after 3781	4 25
Balinger	5034	Straw grate, 35-H. D. S., B., 9611 to 11840	4 00
Barracan	5217	Straw grate, (3 a set) 25, 30-H. S. B., after 9771	4 25
Atterminal	4533	Straw cross grate rear, 25-H., 8072 to 8578	11 00
Auxometer	4712	Straw or coal cross grate, rear, 20-H., 8578 to 9780	13 00
Auxospore	4713	Straw cover for grate, rear, 20-H., 8578 to 9780	4 50
Avenge	4731	Straw cross grate, rear, 25-H., 8072 to 9780	15 00
Avenin	4732	Straw dead plate for grate, rear, 25-H., 8072 to 9780	8 50
Barmote	5191	Straw cross bar for grate, rear, 20-H., after 9779	12 00
Barmskin	5192	Straw cross bar for grate, rear, 25-H., after 9779	12 00
Barn	5193	Straw cross bar for grate, rear, 30, 35-H., after 9779	14 00
Buccula	7335	Straw cross bar for grate, rear, 16-H. D., after 12527	8 50
Barnabite	5194	Straw cross bar for grate, front, 20-H., after 9779	5 00
Barnacle	5195	Straw cross bar for grate, front, 25-H., after 9779	6 00
Barnard	5196	Straw cross bar for grate, front, 30, 35-H., after 9779	6 00
Buccinal	7334	Straw cross bar for grate, front, 16-H. D., after 12527	5 50
Brunonian	7293	Straw side dead plate for grates, R. H., 25, 30-H., after 12528	5 00
Brunstane	7294	Straw side dead plate for grates, L. H., 25, 30-H., after 12528	5 00
Brunt	7296	Straw side dead plate for grates, R. H., 16-H. D., after 13356, 20-H. D., after 12946	5 00
Brush	7297	Straw side dead plate for grates, L. H., 16-H. D., after 13356, 20-H. D., after 12946	5 00
		Bar to connect shake grates, give size engine	2 25
		Handle to shake grate, give length	2 00
		Rod from bar to handle shake grates, give size engine	75

ENGINE SHAFTS

Raft	Countershaft, 2½x55½", nut No. 4581, 13-H. C. B., 4692 to 10812	11 00
Refulent	Countershaft, 2½x54½", nut No. 4581, 13-H. C. B., after 10811	11 00
Rage	Countershaft, 2½x55½", nut No. 4581, 15, 16-H. C. B., 5562 to 8578	12 00
Recopy	Countershaft, 3x56", nut No. 4582, 16-H. C. B., 8578 to 9611	14 00
Rectory	Countershaft, 3½x57", nut No. 4583, 16-H., 9611 to 11042	16 00
Reflame	Countershaft, 3½x58½", nut No. 4583 or 5725, 16-H. D., 11042 to 13237, 16-H. S., after 11041	16 00
Page	Countershaft, 3½x64½", 16-H. D., after 13236	16 00
Record	Countershaft, 3½x60", nut No. 4583, 18-H., 8578 to 9249	16 00
Recruit	Countershaft, 3½x57", nut No. 4583, 18-H., after 9248	20 00
Recount	Countershaft, 3½x58½", nut No. 4583, 20-H. double, 8976 to 9249, 20-H. single, 8578 to 9249	16 00
Recreative	Countershaft, 3½x58½", nut No. 4859, 20-H., 9249 to 10434	23 00
Redoubt	Countershaft, 4x59½", nut No. 4859, 20-H., 10434 to 11032	26 00
Reflect	Countershaft, 3½x62", nut No. 5576, 20-H., 11031 to 12042	23 00
Padma	Countershaft, 3½x62", 3" collar, No. 5648, 20-H. D., 12043 to 12947, 20-H. S., after 12042	23 00
Pageant	Countershaft, 3½x69", 20-H. D., after 12946	23 00
Recluse	Countershaft, 3½x63½", nut No. 4583, 25-H. double, 8976 to 9249, 25-H. simple, 8072 to 9254	20 00
Recreant	Countershaft, 4½x64", nut No. 4859, 25-H., 9254 to 10434	35 00
Redraft	Countershaft, 4½x64", nut No. 5430, 25-H., 10434 to 10625	39 00
Refer	Countershaft, 4½x67", nut No. 5430, 25-H., 10625 to 11042	35 00
Reflection	Countershaft, 4½x67½", nut No. 5430, 25-H., 11042 to 12043	35 00

ENGINE SHAFTS—Continued.

Cipher	Number		Price
Padnag	Countershaft, 4½x69½", 3" collar, No. 5648, 25-H. D., 12043 to 12529, 25-H. S., after 12042.....	35 00
Padra	Countershaft, 4½x71½", 25-H. D., after 12528.....	35 00
Recreation	Countershaft, 4½x67", nut No. 4859, 30-H. single, 9249 to 9611.....	35 00
Rectorial	Countershaft, 4½x69½", nut No. 5007, 30-H. double, 9611 to 10022.....	39 00
Referment	Main shaft, 3x59", \$14.00: crank wheel and wrist pin, \$23.00: 13-H. single, after 6613.....	37 00
Refigure	Main shaft, 3½x61", \$16.00: crank wheel and wrist pin, \$34.00: 15, 16-H. single, after 5723.....	50 00
Refined	Main shaft, 3½x65", \$20.00, crank wheel and wrist pin, \$36.00; 18, 20-H. single, after 7027.....	56 00
Refinement	Main shaft, 3½x67", \$23.00, crank wheel and wrist pin, \$38.00; 22, 25-H., single, 5562 to 11840.....	61 00
Padow	Main shaft, 3½x68½", \$23.00; crank wheel and wrist pin, \$39.00; 25-H. S., after 11839.....	62 00
Refiner	Main shaft, 3½x71½", \$23.00; crank wheel and wrist pin, \$39.00: 30-H. single, 8578 to 13216.....	62 00
Reckless	Shaft for bevel pinion 1x5½", 10, 13-H., 7028 to 13216.....	50
Reckon	Shaft for bevel pinion 1x6", 16, 18, 20-H., 7028 to 11032.....	50
Reddour	Shaft for bevel pinion 1x7", 25, 30, 35-H., 7028 to 10626.....	50
Referee	Shaft for spur pinion 1½x9½", 25-H., after 10624, 30, 35-H., 10434 to 13216.....	1 25
RefLOURish	Shaft for spur pinion 1½x7½", 16, 20-H., after 11041.....	1 25

ENGINE TRUCKS

Absume	..... 944.....	Half circle to rest plate, all engines, 886 to 6613.....	1 00
Adelphous	..... 1875.....	Axle cap nut, for 2½" front axle, 8, 10, 13, 16-H., after 5561.....	75
Adempted	..... 1876.....	Axle cap nut, for 2½" front axle, 18, 20-H., after 5790, 22, 25, 30H., 5791 to 9254.....	1 00
Arriving	..... 4028.....	Half rest plate front axle, 8, 10, 16-H., 6177 to 12194, 13-H., 6614 to 12582.....	10 00
Associative	..... 4310.....	Support for draw bar, 18, 20-H. simple, coal burner, 7028 to 9249.....	4 00
Astringency	..... 4372.....	Half rest plate, front axle, 18, 20-H., 7475 to 12280, 25, 30-H., 7475 to 9254.....	18 00
Atrociously	..... 4500.....	Corrugation to rear wheel, R. H., 16" tire, 10, 13-H., after 8071.....	60
Atrocity	..... 4501.....	Corrugation to rear wheel, L. H., 16" tire, 10, 13-H., after 8071.....	60
Atrofy	..... 4502.....	Corrugation to rear wheel, R. H., 18" tire, 16-H., after 8071.....	70
Atropa	..... 4503.....	Corrugation to rear wheel, L. H., 18" tire, 16-H., after 8071.....	70
Atrophic	..... 4504.....	Corrugation to rear wheel, R. H., 20" tire, 18, 20-H., after 8071.....	75
Atropic	..... 4505.....	Corrugation to rear wheel, L. H., 20" tire, 18, 20-H., after 8071.....	75
Atrous	..... 4506.....	Corrugation to rear wheel, R. H., 24" tire, 25, 30-H., after 8071.....	1 00
Atrypa	..... 4507.....	Corrugation to rear wheel, L. H., 24" tire, 25, 30-H., after 8071.....	1 00
Attacca	..... 4508.....	Corrugation to rear wheel, R. H., 32" tire, 25, 30-H., after 8071.....	1 35
Attach	..... 4509.....	Corrugation to rear wheel, L. H., 32" tire, 25, 30-H., after 8071.....	1 35
Background	..... 4896.....	Sleeve to axle, 6x22x4½", 25-H., 9249 to 10022, 30-H., 9249 to 9611.....	10 00
Backhand	..... 4897.....	Axle cap nut, rear, 16-H. D., 9611 to 13237, 18, 20-H. D., 9249 to 12947, 16-H. S., after 9610, 18, 20-H. S., after 9248.....	1 50
Backlog	..... 4904.....	Half rest plate, front axle, 30-H., 9249 to 9611, 25-H., 9254 to 12323.....	20 00
Backset	..... 4908.....	Axle cap nut, 3", front axle, 25, 30, 35-H., after 9253.....	1 00
Badgering	..... 4942.....	Sleeve for axle, 5½x19½x4", 20-H., 9249 to 10022, 18-H., 9249 to 10434.....	8 00
Barbula	..... 5136.....	Sleeve for axle, 5½x17½", 16-H. D., 9611 to 13237, 16-H. S., after 9610.....	8 00
Barnburner	..... 5197.....	Half rest plate, front axle, 30, 35-H., after 9900.....	27 00
Basidium	..... 5288.....	Front support, 20-H. D., 10022 to 12947, 20-H. S., after 10021.....	27 00
Basik	..... 5298.....	Sleeve for axle, 7½"x22" 30, 35-H., after 10021.....	15 00
Batavian	..... 5339.....	Sleeve for axle, 5½x19½x4", 20-H. D., 10022 to 12947, 20-H. S., after 10021.....	8 00
Batch	..... 5340.....	Sleeve for axle, 25-H. D., 10022 to 12529, 25-H. S., after 10021.....	10 00
Bearance	..... 5442.....	Draw bar head, 16, 20-H. D., 10434 to 12946, 16, 20-H. S., after 10433.....	4 00
Bearding	..... 5444.....	Mud claw, all engines, after 594.....	75
Behalf	..... 5585.....	Sleeve for axle, 5½x17½", 13-H., after 10021.....	7 00
Benzolize	..... 5727.....	Half rest plate, front axle, 16-H., 12194 to 12957, 13-H., after 12193.....	12 00
Bepink	..... 5728.....	Half rest plate, front axle, 20-H. S., 12280 to 12977.....	18 00
Bergmaster	..... 5759.....	Front support rest socket, 25-H. S., after 13215.....	7 00
Brigue	..... 7031.....	Axle clutch nut, 25-H. D., after 12528.....	4 50
Brocklam	..... 7135.....	Axle cap clutch, rear, 20-H. D., after 12946.....	4 50
Brod	..... 7136.....	Axle cap nut, rear, 20-H. D., after 12946.....	2 00
Bromias	..... 7169.....	Front support, 25-H. D., after 12788.....	25 00
Bromic	..... 7170.....	Front rest socket half, 25-H. D., after 12788.....	9 00
Bromide	..... 7171.....	Axle, front channel spreader end half, 25-H. D., after 12788.....	75
Brominate	..... 7174.....	Axle, front channel spreader end half, 20-H. D., after 12946.....	75
Broomstaum	..... 7218.....	Axle front channel spreader end half 16-H. D., after 13236.....	75

ENGINE TRUCKS—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Browster	7260	Axle cap clutch rear, 16-H. D., after 13236	4 00
Bruang	7263	Axle cap nut rear, 16-H. D., after 13236	1 50
Brushy	7305	Front support, 20-H. D., after 13185, 16-H. D., after 13236	25 00
Brusk	7306	Front rest socket, 16, 20-H., after 13215	6 00
Cagit	8155	Axle cap nut to end rear axle, 25-H. D., after 12527	2 00
Redress		Draw bar, 3/4x2 1/4x23", 16, 18, 20, 25, 30, 35-H., 9249 to 10434	5 00
Redriven		Draw bar, 3/4x2 1/4x21", 16, 20-H., after 10433	5 00
Reduce		Draw bar, 1x2 1/4x22", 25, 30, 35-H., 9249 to 10841	5 00
Refinery		Draw bar, 1x3x34", 25, 30, 35-H. D., 10841 to 12529, 25, 30-H. S., after 10840	6 00
Quackery		Draw bar, 1x3x37", 25-H. D., after 12528	6 00
Recurve		Spring, 5x2 1/4x8", for draw bar, after 1262	1 00
Recombine		Wheel, front, steel, 8x40", 2 3/8x8 1/2" bore, 10, 13-H., after 8071, 16-H., after 7474, 16-H. D., 9249 to 13577	30 00
Quadrat		Wheel, front, steel, 10x40", 2 3/8x8 3/4" bore, 16-H. D., after 13576	35 00
Recomfort		Wheel, front, steel, 10x43", 2 3/8x9" bore, 18, 20-H. S., after 8071 18,20 H. D. 8578 to 13698	40 00
Quadrangle		Wheel front steel, 12x43", 2 5/8x9" bore, 20 H. D. after 13697	50 00
Rectal		Wheel, front, steel, 12x43", 3x11" bore, 25-H., after 9248	50 00
Recuse		Wheel, front, steel, 14x48", 3x11" bore, 30-H., after 9610	65 00
Recondense		Wheel, rear, steel, 16x58", 5 3/8x17 1/2" bore, 10, 13-H., say if right or left hand, after 8071, each	145 00
Reconduct		Wheel, rear, steel, 18x58", 5 3/8x17 1/2" bore, 16-H., say if right or left hand, 8072 to 8578, each	160 00
Reconquer		Wheel, rear, steel, 18x64", 5 3/8x17 1/2" bore, 16-H. double, 10434 to 13237 16-H. single, say if right or left hand, after 10433, each	190 00
Quad		Wheel, rear, steel, 24x64", 4 1/2x19 1/2" bore, 16-H. double, say if right or left hand, after 13236, each	225 00
Reconsider		Wheel, rear, steel, 20x69", 5 3/8x19 1/2" bore, 18, 20-H.D., 10434 to 12947, 18, 20-H., S., say if right or left hand, after 10433, each	230 00
Reconstruct		Wheel, rear, steel, 24x69", 5 3/8x19 1/2" bore, 18, 20-H. D., 10434 to 12947, 18, 20-H. S., say if right or left hand, after 10433, each	260 00
Quadra		Wheel, rear, steel, 24x71", 5x22 1/2" bore, 20-H. double, say if right or left hand, after 12946, each	275 00
Reft		Wheel, rear, steel, 24x73", 6x22" bore, 25-H. double, 10022 to 12529, 25-H. single, say if right or left hand, after 10021, each	340 00
Recto		Wheel, rear, steel, 28x73", 6x22" bore, 25-H. double, 10022 to 12529, 25-H. single, say if right or left hand, after 10021, each	360 00
Recrute		Wheel, rear, steel, 28x73", 5 1/2x26 1/2" bore, 25-H. double, say if right or left hand, after 12528, each	360 00
Reference		Wheel, rear, steel, 32x79", 7 1/2x22" bore, 30-H., say if right or left hand, 10434 to 13216, each	415 00

Note—When ordering engine drive wheels, give number of engine width and diameter of tire of old wheels.

BOILER DOORS AND FRAMES

Able	S 119	Head to smoke box, 18-H. C. B., before 9249, 20-H., after 6106	8 00
Acclivity	1300	Head to smoke box, 16-H., after 3446	8 00
Aecloy	1302	Door to smoke box, 10, 12, 13-H., after 3446	5 00
Accoast	1303	Door to smoke box, with lining, No. 5440, 16, 18, 20-H., after 7027	10 50
Acetic	1568	Head to smoke box, 13-H., after 4191	7 00
Aspic	4238	Door to smoke box with lining, No. 5502, 25, 30, 35-H., after 6613	14 00
Aspiculate	4239	Head to smoke box, 25-H., after 6613	9 00
Assessor	4285	Door to fire box, with lining, No. 4286, 20, 25, 30-H. S. B., 7028 to 8976	6 00
Assessorial	4286	Lining for door number 4285, 20, 25, 30-H. S. B., 7028 to 8976	2 00
Asset	4287	Door, \$2.00, with funnel to fire box, 20, 25, 30-H., 7028 to 8976	8 00
Astringe	4370	Handle to front draft door for 1/2" rod, 7475 to 9249	50
Astrological	4379	Ash pan, 18, 20-H. C. B., 7475 to 9249, 16-H., 7475 to 9611, 10, 13-H., after 7474	3 50
Astrologous	4380	Draft door, 18, 20-H. C. B., 7475 to 9249, 16-H., 7475 to 9611, 10, 13-H., after 7474	2 00
Auget	4596	Ash pan, 25, 30, 35-H., 7475 to 10022, 16-H., after 9610, 18-H., 9249 to 10434, 20-H., after 7474	3 50
Augitic	4597	Draft door for 4596 ash pan	2 00
Autography	4684	Door, \$2.00, with straw funnel, 20, 25, 30, 35-H., 8976 to 9747	8 00
Aversant	4744	Door to fire box, with lining, No. 4747, 20, 25, 30-H., 8976 to 9744	8 00
Averseness	4747	Lining to doors, 20, 25, 30-H., 8976 to 9744	3 00
Avocative	4767	Handle for smoke box door, with catch, after 2376	75
Awarden	4788	Frame to fire box door, 20-H., 8976 to 9744	9 00
Badly	4948	Head to smoke box, 18-H., 9249 to 10434	7 00

BOILER DOORS AND FRAMES—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Baric	5171	Frame for fire box door, 16-H. D., after 13236, 20, 25, 30, 35-H., after 9744.	7 00
Barilla	5172	Door to fire box, with lining, No. 5173, 16-H. D., after 13236, 20, 25, 30, 35-H., after 9744.	9 00
Baring	5173	Door lining, 16-H. D., after 13236, 20, 25, 30, 35-H., after 9744.	3 00
Barite	5174	Door frame for straw funnel, \$2.00, complete with funnel, 20, 25, 30-H., after 9744.	10 00
Barley	5183	Baffle plate for fire door, 13x18", 20, 25, 30, 35-H., after 9744.	6 00
Barrulet	5245	Ash pan, 25, 30, 35-H., after 9610.	3 50
Barry	5246	Ash pan draft door, 25, 30, 35-H., after 9610.	2 00
Beamster	5440	Door lining to smoke box, 16, 20-H., after 10433.	4 50
Becum	5502	Door lining to smoke box, 25, 30, 35-H., after 10433.	5 00
Bruisewort	7275	Baffle plate, 16-H. D., after 13236.	6 00

TRACTION GEARING

Accredit	1430	Countershaft pinion with clutch, 8, 10, 12, 14, 16-H., 3782 to 4765 (No. 1590 steel takes place)	8 00
Accreditate	1431	Countershaft pinion without clutch, 8, 10, 12, 14, 16-H., 3782 to 4765 (1591 S. will take place)	8 00
Acharnement	1590 Steel	Countershaft pinion with clutch (takes place of 1430), 3782 to 4692.	15 00
Achatinid	1591 Steel	Countershaft pinion without clutch, 15, 16, 17-H., 4692 to 5588, 8, 10, 13-H., after 4691 (No. 1431 will take place)	15 00
Achilary	1599 Steel	Countershaft pinion with clutch, 8, 10, 13-H., after 4691, 15, 16, 17-H., 4692 to 5588.	15 00
Acyelic	1799 Steel	Countershaft pinion, without clutch, 3" bore, 22, 25-H. single, 5562 to 8072, 20-H. S. B., 8072 to 8578, 18-H., 7475 to 8578, 20-H. C. B., 5562 to 8578.	14 00
Acyeteria	1801 Steel	Countershaft pinion with clutch, 5½" bore, 18, 20, 22-H., 5562 to 8578, 25, 30-H., 7028 to 8072, 16-H., 5723 to 8578.	14 00
Acyprinoid	1802 Steel	Countershaft pinion without clutch, 2½" bore, 16-H., 5723 to 8578, 18, 20-H. S. B., 5562 to 8072.	14 00
Attainder	4512	Countershaft pinion without clutch, 25, 30-H., 8072 to 9254.	10 00
Attributing	4553	Countershaft pinion and bevel wheel, 25, 30-H., 8072 to 9254.	18 00
Attumble	4563	Countershaft pinion and bevel wheel, 16-H., 8578 to 9611.	18 00
Atwirl	4564	Countershaft pinion, 16-H., 8578 to 9611.	9 00
Audiometric	4585	Countershaft pinion and bevel wheel, 18, 20-H., 8578 to 9249.	18 00
Audiphone	4586	Countershaft pinion, 18, 20-H., 8578 to 9249, 16-H. D., 9611 to 13237, 16-H. S., 9611 to 13786.	9 00
Bacchical	4877	Countershaft pinion and bevel wheel, 3½" bore, 18-H., 9249 to 10232.	18 00
Bacchus	4878	Countershaft pinion and bevel wheel, 3½" bore, 20-H., 9249 to 10113.	18 00
Bace	4879	Countershaft pinion, 3½" bore, 18-H., 9249 to 10434.	9 00
Bachel	4880	Countershaft pinion, 3½" bore, 20-H. D., 9249 to 10434 and 11032 to 12947, 20-H. S., 9249 to 10434 and 11032 to 13598.	9 00
Bacillary	4883	Countershaft pinion and bevel wheel, 4½" bore, 25-H., 9254 to 10231, 30-H., 9249 to 9611.	18 00
Bacillus	4883 Steel	Countershaft pinion and bevel wheel, 4½" bore, 25-H., 9254 to 10231, 30-H., 9249 to 9611.	40 00
Back	4884	Countershaft pinion, 4½" bore, 25-H., 9254 to 10434 and 10625 to 11840, 30-H., 9249 to 9611.	9 00
Backache	4884 Steel	Countershaft pinion, 4½" bore, 25-H., 9254 to 10434 and 10625 to 11840, 30-H., 9249 to 9611.	20 00
Banknote	5108	Countershaft pinion and bevel wheel, 3½" bore 16-H., 9611 to 11042.	18 00
Battery	5378	Countershaft pinion and bevel wheel, 3½" bore 20-H., 10113 to 11032.	18 00
Batule	5385	Countershaft pinion and bevel wheel, 25-H., 10231 to 10625.	18 00
Beauseant	5467	Countershaft pinion and spur wheel, 20-H. D., 11032 to 12947, 20-H. S., 11032 to 13599.	20 00
Becall	5476	Countershaft pinion and spur wheel, 16-H. D., 11042 to 13237, 16-H. S., 11042 to 13786.	20 00
Bechance	5486	Countershaft pinion, 4" bore 20-H., 10434 to 11032.	9 00
Beclam	5497	Countershaft pinion, 4½" bore 25-H. double, 10434 to 10625.	9 00
Bedevil	5516 Steel	Countershaft pinion with clutch, 25-H., 10625 to 11840.	20 00
Bedlar	5524 Steel	Countershaft pinion with clutch, 30-H., 10434 to 10983.	35 00
Beetax	5548 Steel	Countershaft pinion, 30-H. D., 10984 to 11840, 30-H. S., after 10983.	30 00
Beetling	5549 Steel	Countershaft pinion with clutch, 30-H. D., 10984 to 11840, 30-H. S., after 10983.	30 00
Befalling	5552 Steel	Countershaft pinion, 35-H., 11042 to 11840.	35 00
Befana	5553 Steel	Countershaft pinion with clutch, 35-H., 11042 to 11840.	35 00
Belonite	5651 Steel	Countershaft pinion, 25-H. D., 11840 to 12529, 25-H. S., 11840 to 13544.	30 00
Belonoid	5652 Steel	Countershaft pinion with clutch, 25-H., 11840 to 13544.	30 00
Bernacle	5766	Counter shaft pinion and spur wheel, R. H., 16-H. S., after 13785.	20 00
Bernardine	5767	Counter shaft pinion, L. H., 16-H. S., after 13785.	9 00
Berrying	5774	Counter shaft pinion and spur wheel 20 H. S. after 13598.	20 00

TRACTION GEARING—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Berserker.....	5775	Counter shaft pinion L. H. 20 H. S. after 13598	9 00
Broadcloth.....	7107	Steel Countershaft pinion, right hand, 25-H. D., 12529 to 13544	30 00
Brome.....	7167	Countershaft pinion, R. H., 20-H. D., 12947 to 13354	9 00
Bromeglass.....	7168	Countershaft pinion with differential wheel, 20-H. D., 12947 to 13354	20 00
Brool.....	7214	Countershaft pinion with differential wheel, 16-H. D., 13237 to 13427	20 00
Broom.....	7215	Countershaft pinion, R. H., 16-H. D., 13237 to 13427	9 00
Bucephalus.....	7337	Countershaft pinion, 20-H. D., (not on No. 13401-13403-13407) 13354 to 13415	9 00
Buck.....	7338	Countershaft pinion and spur wheel, 20-H. D., (not on No. 13401-13403-13407) 13354 to 13415	16 00
Buckboard.....	7340	Countershaft pinion, 16-H. D., after 13426	9 00
Bucked.....	7341	Countershaft pinion and spur wheel, 16-H. D., after 13426	20 00
Buck r.....	7343	Countershaft pinion, 20-H. D., (on No. 13401-13403-13407), after 13414	9 00
Buck et.....	7344	Countershaft pinion with spur wheel, (on No. 13401-13403-13407), 20 H. D., after 13414	20 00
Bucking.....	7349	Steel Countershaft pinion, 25-H., after 13543	30 00
Buckle.....	7350	Steel Countershaft pinion, 25-H. D., after 13543	30 00
Budance.....	7357	Steel Countershaft pinion, 25-H. S., after 13543	30 00
Acheron.....	1596	Differential bevel wheel, inside, 2 $\frac{3}{8}$ " bore, 15, 17-H., 5007 to 5562, 8, 10, 13-H., after 5006	11 00
Achievable.....	1597	Differential bevel wheel, outside, 8, 10, 13-H., after 5006	11 00
Acupress.....	1793	Differential bevel wheel, inside, 20-H. S. B., 5562 to 8072, 15, 16-H., 5562 to 8577, 22-H., 5245 to 5562	11 00
Acupressure.....	1794	Differential bevel wheel, inside, 22, 25, 30-H. S. B., 5562 to 8072, 18, 20-H. C. B., 5562 to 8578, 20-H. S. B., 8072 to 8578, 16-H., 8578 to 9611	11 00
Acupuncture.....	1795	Differential bevel wheel, outside, 18, 20-H. S. B., 5562 to 8072, 22-H., 5245 to 5562, 15, 16-H., 5562 to 8578	11 00
Acus.....	1796	Differential bevel wheel, outside, 22, 25, 30-H. S. B., 5562 to 8072, 18, 20-H. C. B., 5562 to 8578, 20-H. S. B., 8072 to 8578	11 00
Attalea.....	4515	Differential bevel wheel, inside, 25, 30-H., 8072 to 9254	12 00
Auberge.....	4569	Differential bevel wheel, inside, 18, 20-H., 8578 to 9249	11 00
Bacchiac.....	4875	Differential bevel wheel, inside, 3 $\frac{1}{4}$ " bore, 18-H., 9249 to 10232	11 00
Bacchie.....	4876	Differential bevel wheel, inside, 3 $\frac{1}{4}$ " bore, 20-H., 9249 to 10113	11 00
Bacile.....	4882	Differential bevel wheel, inside, 4 $\frac{1}{2}$ " bore, 25-H., 9254 to 10231, 30-H. 9249 to 9611	12 00
Bankruptcy.....	5109	Differential bevel wheel, inside, 16-H., 9611 to 10812	11 00
Battlement.....	5381	Differential bevel wheel, inside, 20-H., 10113 to 11032	13 00
Batture.....	5384	Differential bevel wheel, inside, 25-H., 10231 to 10625	14 00
Achievement.....	1598	Steel Differential bevel pinion, 25-H., 7028 to 10625, 30, 35-H., 7028 to 10434, 16, 18, 20-H., 4692 to 11032, 10, 12, 13-H., after 5007	3 00
Beauteous.....	5468	Differential spur pinion, 16, 20-H., after 11031	3 00
Bedight.....	5520	Differential spur pinion, 25-H., after 10625, 30, 35-H., after 10433	3 50
Assurgent.....	4328	Differential spur wheel, 8, 10, 13-H., after 7027	26 00
Barbarism.....	5114	Differential spur wheel, 16-H., 9611 to 10812	35 00
Beaupers.....	5465	Differential spur wheel, center, with 4 pinion shafts, 20-H. D., 11032 to 12947, 20-H. S., after 11031	50 00
Beauregarde.....	5466	Differential spur wheel, inside, 20-H. D., 11032 to 12947, 20-H. S., after 11031	15 00
Beaver.....	5474	Differential spur wheel, center, with 4 pinion shafts, 16-H. D., 11042 to 13237, 16-H. S., after 11041	37 00
Bebung.....	5475	Differential spur wheel, inside, 16-H. D., 11042 to 13237, 16-H. S., after 11041	15 00
Bedeவில்ling.....	5517	Differential center spur wheel, with 4 pinion shafts 25-H., 10625 to 11042	65 00
Bedeவீلد.....	5518	Differential inside spur wheel, 25-H. D., 10625 to 12529, 25-H. S., after 10624	16 00
Beefeater.....	5539	Differential outside spur wheel, 25-H., 10683 to 11014	15 00
Beforehand.....	5559	Differential spur wheel, center with 6 pinion shafts 30-H., after 10983	85 00
Beg.....	5560	Differential spur wheel, outside, 30, 35-H., after 10983	16 00
Bega.....	5561	Differential spur wheel, inside, 30, 35-H., after 10983	16 00
Begin.....	5572	Differential spur wheel, outside, 25-H., after 11013	16 00
Belt.....	5656	Differential spur wheel, center, with 4 pinion shafts 25-H. D., 11870 to 12529, 25-H. S., after 11839	70 00
Brinjal.....	7065	Differential spur wheel, center, with 4 pinion shafts 25-H. D., after 12528	82 00
Brissidae.....	7081	Differential spur wheel, inside, 25-H. D., after 12528	16 00
Brocket.....	7131	Differential gear center with 4 pinion shafts, 20-H. D., 12947 to 13482	67 00
Bromto.....	7194	Differential spur wheel, inside, 20-H. D., after 12946	15 00
Broose.....	7220	Differential spur wheel, inside, 16-H. D., after 13236	15 00
Broozle.....	7221	Differential wheel center with 4 pinion shafts, 16-H. D., 13237 to 13577	55 00
Buckler.....	7351	Differential spur wheel center with 4 pinion shafts, 20-H. D., after 13481	67 00

TRACTION GEARING—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Buckskin	7353	Differential spur wheel with 4 pinion shafts 16-H. D. after 13576...	55 00
Aboon	C 138	Intermediate spur wheel, 15, 16-H., 5791 to 9611, 18, 20, 22-H., 6107 to 9249, 25-H. compound, 5245 to 5562, 25, 30-H., 7028 to 8072..	40 00
Accoil	1304	Intermediate spur wheel, no shroud, 10, 12, 14-H. 3447 to 4192....	25 00
Acervately	1552	Intermediate spur wheel, 14, 15, 16, 17, 18-H., 4692 to 5562, 8, 10, 12, 13-H., after 4192.....	30 00
Attainment	4513	Intermediate spur wheel (5255 takes place).....	
Baccate	4872	Intermediate spur wheel (5254 takes place).....	
Barcarole	5140	Intermediate spur wheel, 16-H. D., 9611 to 13237, 16-H. S., after 9610	35 00
Baron	5206	Intermediate spur wheel, 30-H., after 9610.....	55 00
Bartolist	5254	Intermediate spur wheel, (with shroud), 18, 20-H. D., 10022 to 12947, 18, 20-H. S., after 10021.....	40 00
Bartran	5255	Intermediate spur wheel, 25-H., 10022 to 11840.....	55 00
Baruria	5256	Intermediate spur wheel, 35-H., 10022 to 11840.....	70 00
Below	5655	Intermediate spur wheel, 25-H. D., 11840 to 12529, 25-H. S., after 11839.....	70 00
Absurdness	963	Lug gear, 13-H., 1991 to 4524, 10, 12-H., 1991 to 3782.....	25 00
Abscency	1555	Lug gear, 8, 10, 12-H., after 4691, 13-H., after 4524.....	35 00
Aconitin	1677	Lug gear, 20-H., 5245 to 5562, 15, 16-H., 5562 to 8577.....	35 00
Acromio	1742	Lug gear, 22, 25, 30-H., 5562 to 8072, 18, 20-H., 5562 to 8578.....	50 00
Attame	4517	Lug gear, No. 5259 takes place.....	
Atypical	4562	Lug gear, 16-H. D., 8578 to 13237, 16-H. S., 8578 to 13786.....	50 00
Audiometer	4584	Lug gear, No. 5266 takes place.....	
Barwood	5259	Lug gear, 25-H., 10022 to 10820.....	75 00
Basalt	5266	Lug gear, 18, 20-H. D., 10022 to 12946, 18, 20-H. S., 10022 to 13599	60 00
Basified	5290	Lug gear, 35-H., 10022 to 11840.....	115 00
Basswood	5317	Lug gear, 30-H., 10022 to 10983.....	90 00
Battish	5379	Lug gear, 25-H., 10820 to 11840.....	80 00
Beeswing	5547	Lug gear, 30-H. D., 10984 to 11840, 30-H. S., after 10983.....	100 00
Beltane	5657	Lug gear, 25-H., 11840 to 13544.....	85 00
Bernese	5768	Lug gear, 16-H. S., after 13785.....	50 00
Beskin	5776	Lug gear, 20-H. S., after 13598.....	60 00
Bromatology	7166	Lug gear, 20-H. D., 12947 to 13354.....	70 00
Brotus	7236	Lug gear, 16-H. D., 13237 to 13427.....	55 00
Bucentaur	7336	Lug gear, 20-H. D., (not on No. 13401-13403-13407), 13354 to 13415.	70 00
Buckbean	7339	Lug gear, 16-H. D., after 13426.....	55 00
Buckel	7342	Lug gear, 20-H. D., (on No. 13401-13403-13407), after 13414.....	70 00
Buckeye	7348	Lug gear, 25-H., after 13543.....	85 00
Acensuada	1526	Steel Main shaft pinion, 3" shaft, 14, 15, 16, 17, 18-H., 4192 to 5722.....	20 00
Acrologic	1736	Steel Main shaft pinion, 3½" bore, 20-H. S. B., 5007 to 5245, 16-H., 5704 to 9611, 18-H. double, 8578 to 8976.....	18 00
Acrook	1745	Steel Main shaft pinion, 3½" bore, 18, 20-H. S. B., 5562 to 9249.....	18 00
Acrophony	1746	Steel Main shaft pinion, 3½" bore, 20-H. C. B., 6107 to 7028, 22, 25, 30-H. S., 5562 to 8072.....	18 00
Ascaris	4120	Steel Main shaft pinion, 10-H., 7028 to 8577, 13-H., after 6613.....	15 00
Attaching	4510	Main shaft pinion, 25-H. S., 8072 to 11042, 30-H. S., 8072 to 9611..	18 00
Attachment	4510	Steel Main shaft pinion, 25, 30-H. single, 8072 to 11042.....	30 00
Bacca	4870	Main shaft pinion, 18, 20-H. double, 9249 to 10022.....	20 00
Baccar	4871	Main shaft pinion, 18-H. S., 9249 to 10434, 20-H. S., after 9248..	20 00
Barbion	5131	Main shaft pinion, 16-H. double, 9611 to 13237.....	15 00
Barbiton	5132	Main shaft pinion, 16-H. single, after 9610.....	15 00
Baromotor	5205	Steel Main shaft pinion, 30-H. double, 9611 to 10022.....	40 00
Bassoon	5314	Main shaft pinion, 18, 20-H. double, 10022 to 12947.....	20 00
Basto	5331	Steel Main shaft pinion, 25-H. double, 10021 to 11006.....	40 00
Beeve	5551	Steel Main shaft pinion, 35-H. double, 11042 to 11840.....	45 00
Begone	5574	Steel Main shaft pinion, 25-H. single, 11042 to 11840.....	35 00
Begonia	5575	Steel Main shaft pinion, 30-H. single, after 11041.....	35 00
Belonging	5650	Steel Main shaft pinion, 25-H. double, 11454 to 11840.....	40 00
Beloving	5654	Steel Main shaft pinion, 25-H. single, after 11839.....	40 00
Brinishness	7064	Steel Main shaft pinion, 25-H. double, after 12528.....	60 00
Brokerage	7157	Main shaft pinion, 20-H. double, 12947 to 13482.....	25 00
Broud	7237	Main shaft pinion, 16-H. double, 13237 to 13577.....	18 00
Buckling	7352	Main shaft pinion, 20-H. double, after 13481.....	25 00
Buckthorn	7354	Main shaft pinion, 16-H. D., after 13576.....	18 00

REVERSE

Abnormality	C 128	Eccentric strap, forward, 17, 18, 20, 22, 25, 30-H. S., after 5244....	4 00
Aboard	C 129	Eccentric strap, backward, 17, 18, 20, 22, 25, 30-H. S., after 5244....	4 00
Absentminded	375	Plate on side of guide to valve rod, simple, after 2233.....	1 00
Acarpelous	1102	Eccentric hub, 8, 10, 12-H., after 2233. 13-H., 2234 to 6614.....	4 00
Acceleration	1143	Slide valve, 8, 10, 13-H., after 2570.....	4 00

		REVERSE—Continued		
Cipher	Number			Price
Accendite	1152	Slide valve, 18-H., 5245 to 7475, 15, 16-H. S., after 4691		4 00
Accommodating	1324	Link, 6, 8, 10, 12-H., $\frac{11}{16}$ " bushing, 3447 to 5181		7 50
Accusable	1493	Slide valve, 20-H., 5007 to 5562, 18, 20-H. S., after 6106		4 00
Acera	1536	Eccentric strap, forward, 8, 10, 13-H., after 1990		4 00
Acerata	1537	Eccentric strap, backward, 8, 10, 13-H., after 1990		4 00
Achech	1594	Drew connecting block to take place of link, 3130 to 5007		2 00
Acinus	1650	Slide on valve rod, $\frac{3}{4}$ " rod, 8, 10, 13-H., steel guide, 5007 to 7028		4 00
Acious	1651	Link for double hanger, 10, 12, 13-H., steel guide, 5007 to 7202		7 50
Ackman	1653	Hanger for double hanger link, 8, 10, 13-H., 5007 to 7202		2 00
Acknowledge	1655	Steel Block or slide box for double hung link, 16-H. D., 8578 to 13236, 20-H. D., 8578 to 12946, 25, 30, 35-H. D., 8578 to 12529, all single engines, after 5006		3 00
Acknowledgment	1656	Steel Saddle plate for double hung link, single, 5007 to 11042		2 50
Aclicic	1659	Slide on valve rod, $\frac{3}{4}$ " rod, 15, 16, 18-H., $\frac{1}{8}$ " bore, for 20, 22, 25-H., steel guides, 5007 to 7475		3 00
Actis	1660	Link, 15, 16, 17, 18, 20, 22, 25-H., steel guides, 5007 to 7202		7 50
Acme	1661	Hanger for double hung link, 15, 16, 17, 18, 20, 22, 25-H., steel guides, 5007 to 7202		2 00
Acocotl	1666	Slide valve, 25-H. S., after 7027		4 00
Acoemeti	1669	Drew connecting block, to take place of link, 5006 to 7202		2 00
Actuation	1777	Eccentric hub, 25, 30-H. S., after 5253		5 00
Acuminate	1789	Eccentric hub, $3\frac{1}{2}$ " bore, 17, 18, 20-H. single, after 5244		5 00
Adareon	1831	Eccentric hub, $3\frac{1}{2}$ " bore, 15, 16-H. single, after 5723		5 00
Adase	1832	Eccentric strap, forward, 15, 16-H. single, after 5723		4 00
Adati	1833	Eccentric strap, backward, 15, 16-H. single, after 5723		4 00
Ascendant	4124	Eccentric hub, 3" bore, 13-H., after 6613, 10-H., 7475 to 8578		5 00
Ascending	4125	Bell crank, 16, 18, 20, 22-H., steel guides, 6614 to 7201		2 50
Ascendingly	4126	Cap to bell crank, No. 4125, 4305		50
Ascension	4127	Bell crank, 8, 10, 13-H., steel guide, 6614 to 7201		2 50
Ascensionan	4128	Cap to bell crank, Nos. 4127 to 4340		50
Ask	4184	Clevis for reverse lever and bell crank, say if for $\frac{3}{8}$ " pin, 6614 to 10812 or cap screw, after 10811		75
Askance	4185	Clevis for bell crank for $\frac{3}{8}$ " pin, simple engine, after 7027		75
Asperser	4218	Slide on valve rod, 18, 20, 25, 30-H., 7201 to 8247		4 00
Aspersion	4219	Guide to valve rod, 18, 20, 25, 30-H. single, complete, after 7027		4 00
Aspirant	4244	Slide for valve rod, 16, 20-H. compound, 16-H. single, after 7027		4 00
Aspirating	4245	Guide to valve rod, 16-H. simple, complete after 7027		4 00
Assentor	4277	Guide for valve rod, 10, 13-H. single, complete, after 7027		4 00
Assertive	4278	Slide for valve rod, 10, 13-H. single, after 7027		3 00
Assignant	4302	Clevis for link and eccentric rod, 10, 13-H., 7201 to 8072, 16, 18, 20, 25, 30-H., 7200 to 7781		1 25
Assignor	4304	Hanger for link, single, after 7200		2 00
Assimilating	4305	Bell crank, Corliss guide single engines, after 7200		3 00
Assimilation	4306	Link, 13-H., 10434 to 10812, 16, 18, 20, 25, 30, 35-H., 7201 to 11042		7 50
Asswage	4330	Steel Side plate to link with bushing, R. H., single engines, after 7200		1 50
Astate	4331	Steel Side plate to link, without bushing, L. H., single engines, after 7200		1 00
Asthenia	4339	Drew block, to take place of link 4303 or 4306		1 50
Astoreth	4357	Nut for slide valve, 16, 18, 20, 25, 30-H. single, after 7419		1 00
Astrea	4365	Nut for slide valve, 10, 13-H., after 7419		1 00
Astreated	4366	Stand for bell crank, 16-H. single, after 7474		2 50
Astronomer	4383	Stand for bell crank, 10, 13-H., after 7474		2 50
Asyndeton	4408	Clevis for link to eccentric rod, 30, 35-H., 9611 to 10022, 16-H. D., 7770 to 13237, 20-H. D., 7770 to 12947, 25-H. D., 7770 to 12529, 10, 13, 16, 18, 20, 25-H. S., 7770 to 14029		1 50
Atrocha	4498	Slide for valve rod, 18, 20, 25, 30-H. single, after 8247		4 00
Attestation	4539	Stand for bell crank, 20-H. S., after 11427, 25, 30-H. S., after 8071		2 50
Aulen	4611	Hanger to link, 25, 30, 35-H. double, 8578 to 12529		2 50
Aurantia	4621	Hanger for link, 16-H. D., 8578 to 13237, 18, 20-H. D., 8578 to 12947		2 50
Aurelia	4624	Nut for slide valve, 16, 18, 20, 25, 35-H. double, 8578 to 10022		1 00
Aureolin	4627	Slide on valve stem with sleeve, 16, 18, 20-H. D., L. H., 8578 to 9611, R. H., 16, 18-H. D., 8578 to 13237, 20-H. D., 8578 to 12947		3 25
Aureosin	4628	Side plate yoke to slide, 16, 18-H. D., 8578 to 13237, 20-H. D., 8578 to 12947, 25, 30, 35-H. D., 8578 to 12528		75
Auriferous	4637	Clip to bell crank lever arm, 8578 to 9557		75
Aurigation	4642	Slide valve, 16, 18, 20-H. double, R. H., 8578 to 10022		4 00
Aurochs	4646	Handle to reverse, single engine, after 12299, double engine, after 8577		75
Auroduct	4647	Reverse lever to link, 16, 18, 20, 25, 30, 35-H. double, 8578 to 10812		2 50
Aurung	4648	Gib to link clip, 25-H. D., 8578 to 8976, 18-H. D., 8578 to 9249		25
Autoeracy	4681	Eccentric hub, 25-H., double, 8578 to 10022		5 00
Automatically	4686	Stand for bell crank, R. H., 25, 30, 35-H. double, 9611 to 9901, 16-H. double, 9557 to 10434, 18, 20-H. double, 9556 to 12947		2 50

REVERSE—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Automatism	4688	Slide on valve stem, with sleeve, 25-H. double, 8578 to 12947.	3 25
Automatom	4691	Bell crank hanger arm, 30, 35-H. double, 9611 to 10812, 25-H. D., 8578 to 12529, 16-H. D., 9556 to 13237, 18, 20-H. D., 9556 to 12947	2 00
Avital	4765	Handle for link reverse lever, 75c: spring, 25c: simple 2377 to 12301	1 00
Axioscotic	4833	Saddle for link, double engines, 5579 takes place	
Axometer	4834	Eccentric strap, 30, 35-H. double, 9611 to 10022, 16, 18, 25-H. double, 9249 to 11840, 20-H. double, 9249 to 11733.	4 00
Baconize	4925	Guide cap to valve rod, 16-H. D., 9249 to 13237, 20-H. D., 9249 to 12947, 25-H. D., 9249 to 12529.	1 00
Baculite	4935	Quadrant for link reverse lever, 18, 20, 25, 30, 35-H. double, 9249 to 10812.	3 00
Bailor	4993	Bell crank to balanced link, 16, 18, 20, 25, 30, 35-H. double, 9449 to 10812	1 50
Ballsman	4994	Arm for spring to balanced link, 16, 18, 20-H. double, 9556 to 10812, 25-H. double, 9449 to 10812, 30, 35-H. double, 9611 to 10812.	1 50
Bainberg	4996	Hanger to arm to balanced link, 16, 18, 20-H. Double, 9449 to 10812.	75
Baldare	5021	Eccentric hub, 30, 35-H. double, 9611 to 10021.	4 00
Ballistic	5045	Hanger arm to balance link, 30, 35-H. double, 9611 to 10812.	1 00
Balm	5050	Slide on valve rod with sleeve, 30, 35-H. D., 9611 to 11840.	3 25
Barbary	5118	Eccentric hub, 16-H. double, 9611 to 10022.	5 00
Bard	5142	Slide on valve rod with sleeve, L. H., 18, 20-H. D., 9611 to 10022, 16-H. D., 9611 to 13237.	3 25
Bareheaded	5157	Slide on valve rod with sleeve, L. H., 25-H. D., 9611 to 12529.	3 25
Barkless	5181	Quadrant for link, 16, 18, 20, 25, 30-H., single, after 9610.	4 00
Barramunda	5224	Drew valve block, double side mount engines, 9249 to 12947.	1 50
Basing	5272	Eccentric hub, 30, 35-H. double, 10022 to 11840.	5 00
Basso	5313	Eccentric strap, 30, 35-H. double, 10022 to 11840.	4 00
Basting	5322	Slide on valve rod with sleeve, L. H., 18, 20-H. double, 10022 to 12947	3 25
Batfish	5347	Eccentric hub, right and left hand, 18, 20-H. double, 10022 to 10434.	5 00
Batful	5349	Slide valve, R. H., 20-H. D., 10022 to 11733, 16, 18-H. D., 10022 to 11840	4 00
Bath	5350	Slide valve, L. H., 20-H. D., 10022 to 11733, 16, 18-H. D., 10022 to 11840	4 00
Bathic	5353	Slide valve, R. H., 30, 35-H. double, 10022 to 11840.	4 00
Bathmism	5354	Slide valve, L. H., 30, 35-H. double, 10022 to 11840.	4 00
Bathmodont	5355	Nut for slide valve, 16-H. D., 10022 to 13237, 18, 20-H. D., 10022 to 12947, 25, 30, 35-H. D., 10022 to 12529.	1 00
Baudekin	5389	Clip to link, 30, 35-H. D., 10022 to 11840.	1 25
Beatster	5456	Reverse lever for link, 16-H. D., 10812 to 13237, 20-H. D., 10812 to 12947, 25, 30, 35-H. D., 10812 to 12529.	3 00
Beattle	5457	Quadrant for link reverse, 16-H. D., 10812 to 13237, 20-H. D., 10812 to 12947, 25, 30, 35-H. D., 10812 to 12529.	3 00
Becard	5478	Bell crank, 16-H. D., 10812 to 13237, 20-H. D., 10812 to 12947, 25-H. D., 10812 to 12529.	3 00
Becket	5492	Eccentric hub, 20-H. double, 10434 to 11733.	5 00
Become	5499	Eccentric hub, 25-H. double, 10434 to 11840.	5 00
Bedazzling	5506	Eccentric hub, 16-H. double, 10434 to 11840.	5 00
Beguiling	5579	Saddle for link, 16-H. D., 11042 to 13237, 20-H. D., 11042 to 12947, 25, 30, 35-H. D., 11042 to 12529.	2 00
Beguin	5580	Link, 16-H. D., 11042 to 13237, 18, 20-H. D., 11042 to 12947, 25, 30, 35-H. D., 11042 to 12529, 16, 18, 20, 25, 30-H. S., after 11041.	7 50
Beguillage	5581	Saddle for link, single engines, after 11041.	2 50
Behistun	5594	Link, 13-H., after 11041.	7 50
Beignet	5603	Dog to reverse lever, 16-H. D., 8578 to 13237, 18, 20-H. D., 8578 to 12947, 25, 30, 35-H. D., 8578 to 12529.	25
Belleek	5634	Eccentric hub, 16-H. D., 11840 to 13237.	5 00
Belleric	5635	Eccentric strap, 20-H. D., 11733 to 12947, 25-H. D., 11840 to 12529, 16-H. D., 11562 to 13237.	4 00
Bellow	5645	Slide valve, R. H., 20-H. D., 11733 to 12947, 16-H. D., 11840 to 13237	4 00
Belluine	5646	Slide valve, L. H., 20-H. D., 11733 to 12947, 16-H. D., 11840 to 13237	4 00
Bentingtime	5714	Reverse lever, single engines, after 12300.	2 50
Bentivi	5715	Reverse lever dog, 16, 20, 25-H., after 12300.	25
Besiegement	5801	Clevis for link to eccentric rod, single engines, after 14028.	1 50
Bridewain	7005	Slide valve, right hand, 20-H. D., after 12946, 25-H. D., 12529 to 13838	4 00
Bridewell	7006	Slide valve, left hand, 20-H. D., after 12946, 25-H. D., 12529 to 13838	4 00
Bridge	7008	Eccentric strap, right hand, 25-H. D., 12529 to 13216.	7 00
Bridging	7009	Eccentric strap, left hand, 25-H. D., 12529 to 13216.	7 00
Bridle	7010	Eccentric hub, left hand, 25-H. D., 12529 to 13216.	5 00
Brim	7041	Reverse bracket, R. H., 20-H. D., 12529 to 13260, 25-H. D., 12529 to 13216.	3 00
Brimmed	7042	Reverse bracket, L. H., 20-H. D., 12529 to 13260, 25-H. D., 12529 to 13216.	3 00
Brimfull	7044	Reverse hanger to center eccentric strap, 20-H. D., after 12946, 25-H. D., after 12528.	2 00
Brimless	7045	Reverse arm to bell crank, 20-H. D., after 12946, 25-H. D., after 12528	2 00

REVERSE—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Brimfulness	7046	Lever to reverse, 20-H. D., after 12946, 25-H. D., after 12528.	3 00
Brimmingley	7049	Slide block to link, 25-H. D., 12529 to 12789.	1 50
Brimmsand	7051	Bracket for reverse shaft, R. H., 25-H. D., 12529 to 12789.	1 50
Brimstone	7053	Quadrant for reverse, 20-H. D., after 12946, 25-H. D., after 12528.	4 00
Brin	7054	Bell crank to reverse, R. H., 20-H. D., after 12946, 25-H. D., after 12528.	4 00
Brinded	7055	Bell crank to reverse, L. H., 20-H. D., after 12946, 25-H. D., after 12528.	4 00
Brinish	7063	Eccentric hub and governor pulley, R. H., 25-H. D., after 12528.	9 00
Briollette	7071	Washer for reverse pivot rocker, 16, 20, 25-H. D., after 12528.	50
Brissle	7082	Bell crank cap to reverse, 20-H. D., after 12946, 25-H. D., after 12528.	1 25
Bristle	7083	Nut to slide valve, $\frac{3}{4}$ " bore, 25-H. D., after 12528.	1 00
Bristling	7084	Clevis to valve rod, 25-H. D., after 12528.	1 00
Brokerly	7158	Eccentric hub and governor pulley, R. H., 20-H. D., after 12947.	8 00
Brokership	7159	Eccentric hub, L. H., 20-H. D., 12947 to 13260.	5 00
Broll	7160	Eccentric strap, R. H., 20-H. D., 12947 to 13260.	10 00
Brom	7161	Eccentric strap, L. H., 20-H. D., 12947 to 13260.	10 00
Bromlite	7180	Bracket for reverse lever shaft, R. H., 20-H. D., after 12946, 25-H. D., after 12528.	2 50
Bromuret	7181	Bracket for reverse lever shaft, L. H., 20-H. D., after 12946, 25-H. D., after 12528.	2 50
Bromureted	7182	Reverse pivot rocker, 20-H. D., 12529 to 13260, (on No. 12571), 25-H. D., 12529 to 13216.	2 50
Bromus	7183	Reverse hanger to end eccentric strap, 20-H. D., 12529 to 13260, (on No. 12571), 25-H. D., 12529 to 13216.	1 50
Bronchitis	7187	Nut to slide valve, 16-H. D., after 13236, 20-H. D., after 12946.	1 00
Broo	7197	Clevis to reverse, 16, 20, 25-H. D., after 12528.	75
Brooch	7198	Clevis to valve rod, 16, 20-H. D., after 12946.	1 00
Brotground	7225	Eccentric hub and governor pulley, R. H., 16-H. D., after 13236.	8 00
Brougham	7240	Bell crank cap to reverse, 16-H. D., after 13236.	1 00
Browden	7244	Bell crank to reverse, R. H., 16-H. D., after 13236.	3 50
Brown	7245	Bell crank to reverse, L. H., 16-H. D., after 13236.	3 50
Brownian	7246	Reverse hanger to center eccentric strap, 16-H. D., after 13236.	2 00
Browning	7247	Reverse arm to bell crank, 16-H. D., after 13236.	2 00
Brownism	7248	Lever to reverse, 16-H. D., after 13236.	3 00
Brownist	7249	Quadrant for reverse 16-H. D., after 13236.	3 00
Brownistic	7250	Bracket to reverse lever shaft, R. H., 16-H. D., after 13236.	2 00
Brownistical	7251	Bracket to reverse lever shaft, L. H., 16-H. D., after 13236.	2 00
Browny	7254	Slide valve, right hand, 16-H. D., after 13236.	4 00
Browsage	7255	Slide valve, left hand, 16-H. D., after 13236.	4 00
Brusque	7307	Eccentric hub, L. H., 20-H. D., after 13259.	5 00
Brusquely	7308	Eccentric strap, L. H., 20-H. D., after 13259.	10 00
Brussels	7309	Eccentric hub, L. H., 25-H. D., after 13215.	6 00
Brust	7310	Eccentric strap, L. H., 25-H. D., after 13215.	11 00
Brutal	7312	Reverse bracket, R. H., 20-H. D., after 13259, 25-H. D., after 13215.	3 00
Brutality	7313	Reverse bracket, L. H., 20-H. D., after 13259, 25-H. D., after 13215.	3 00
Brute	7315	Eccentric strap, R. H., 16-H. D., after 13236.	10 00
Bruted	7316	Eccentric strap, L. H., 16-H. D., after 13236.	10 00
Brutify	7317	Eccentric hub, L. H., 16-H. D., after 13236.	5 00
Brutish	7318	Reverse bracket, R. H., 16-H. D., after 13236.	3 00
Brutism	7319	Reverse bracket, L. H., 16-H. D., after 13236.	3 00
Brutting	7320	Reverse pivot rocker, 16-H. D., after 13236.	3 00
Bub	7321	Reverse pivot hanger end of eccentric strap, 16-H. D., after 13236, 20-H. D., after 13259, 25-H. D., after 13215.	1 50
Bubaline	7322	Eccentric strap, R. H., 20-H. D., after 13259.	10 00
Bubalis	7323	Eccentric strap, R. H., 25-H. D., after 13215.	11 00
Bubble	7325	Reverse pivot rocker, 20-H. D., after 13259, 25-H. D., after 13215.	3 00
Buddle	7359	Slide valve R. H., 25-H. D., after 13837.	4 00
Buddy	7360	Slide valve L. H., 25-H. D., after 13837.	4 00
Budge	7361	Clevis for valve stem, 20-H. D., after 13998.	1 00
Sachem		Bushing for eccentric, $\frac{13}{16}$ " hole, 5006 to 7200.	50
Sackbut		Bushing for bell crank, $\frac{13}{16}$ " hole, 5006 to 7200.	50
Sacrament		Bushing for bell crank, 1" hole, single engines, after 7200.	50
Satchel		Bushing for link, 1" hole, $1\frac{1}{2}$ " after 7200.	50
Scambler		Bushing for link slide box, $1 \times 1\frac{1}{2}$ ", D. E., 8578 to 12947 Single engines after 8577.	50
Sachet		Bushing for hanger, $1\frac{1}{2}$ " hole, single engines, after 5006.	50
Scamp		Bushing for link hanger bottom, $1 \times 1\frac{1}{2}$ ", D. E., 8578 to 12947.	50
Scamper		Bushing for link hanger top, $1 \times 1\frac{1}{2}$ ", D. E., 8578 to 12947.	50
Sacrament		Bushing for saddle plate, 1" hole, single engines, after 5006.	50
Scampish		Bushing for link saddle, $\frac{3}{4} \times 1\frac{1}{2}$ ", D. E., 8578 to 12947.	50
Refulgent		Bushing for top link hanger, $1 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", 25-H. D., 12529 to 12947.	50

REVERSE—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Regale		Bushing, 1" hole, 1½" long, for bell crank, 7244, 7245, 16-H. D., 7054, 7055, 20, 25-H. D., for hanger at end eccentric strap, 7321, 16, 20, 25-H. D., for center eccentric strap, 7246, 16-H. D., 7044, 20, 25-H. D., after 13708	50
Regality		Bushing for reverse pivot rocker, 16, 20, 25, H. D., after 13708	50
Regally		Bushing for eccentric strap, 16, 20, 25, H. D., after 13708	50
Scalper		Eccentric rod, 29½x1½" end, 1½" thread, 10, 13-H., after 8071	1 50
Sauce		Eccentric rod, 37x1½" end, 1½" thread, 16-H. single, 7780 to 13999	1 50
Regard		Eccentric rod, 37x1½" end x ⅞" thread, 16-H. single, after 13998	1 50
Sausage		Eccentric rod, 35½x1½" end, 1½" thread, 18, 20-H. single, 7780 to 13999	1 50
Regardant		Eccentric rod, 35½x1½" end x ⅞" thread, 20-H. single, after 13998	1 50
Scaleless		Eccentric rod, 36x1½" end, 1½" thread, 25, 30-H. single, 7475 to 14029	1 50
Savage		Eccentric rod, 36x1½" end x ⅞" thread, 25, 30-H. single, after 14028	1 50
Scantle		Eccentric rod, 23x1½" end, 1½" thread, 16-H. D., 9249 to 13237, 18, 20-H. D., 9249 to 12947, 25-H. D., 9249 to 12529	1 50
Scarab		Eccentric rod, 26½x1½" end, 1½" thread, 30, 35-H. D., 9611 to 10022	1 50
Scarabee		Eccentric rod, 26½x1½" end, 1" thread, 30, 35-H. D., 10022 to 11840	1 50
Sat		Pin to link hanger, 1x3" single engines, after 7200	50
Scandalize		Pin to link hanger, 1x4½" 16-H. D., 8578 to 13237, 20-H. D., 8578 to 12947, 25, 30, 35-H. D., 8578 to 12529	50
Satinet		Pin to reverse rod clip, ½x2¼" simple, engine after 7200	25
Scantlet		Pin to reverse rod clip, ½x2½" 16-H. D., 8578 to 13237, 20-H. D., 8578 to 12947, 25, 30, 35-H. D., 8578 to 12529	25
Scaler		Pin to steam chest for bell crank, 1½x6¼" S. E., after 7027	1 00
Sandhill		Pin to valve rod slide, ½x6¼" single engine, after 7200	1 00
Scapegoat		Pin for link clip, 1x3¼" set screw, 16-H. D., 9249 to 13237, 20-H. D., 9249 to 12947, 25, 30, 35-H. D., 9249 to 12529, all single engines after 9248	50
Refute	E 415	Pin for end eccentric straps, 7315-7316, 1½x1x3½" 16-H. D., after 13236	1 00
Refusable	E 417	Pin for center eccentric straps, 7315-7316, 1x½x3½" 16-H. D., after 13236	1 00
Regain	E 79	Pin for end eccentric strap, 7160-7161, 1½x1x3½" 20-H. D., 12947 to 13260	1 00
Refute	E 415	Pin for end eccentric strap, 7308-7322, 1½x1x3½" 20-H. D., after 13259	1 00
Refutatory	E 80	Pin for center eccentric strap, 7160-7161, 1x½x4½" 20-H. D., 12947 to 13260	1 00
Refutatory	E 80	Pin for center eccentric straps, 7308-7322, 1x½x4½" 20-H. D., after 13259	1 00
Regain	E 79	Pin for end eccentric straps, 7008-7009, 1x½x3½" 25-H. D., 12529 to 13216	1 00
Refute	E 415	Pin for end eccentric straps, 7310-7323, 1½x1x3½" 25-H. D., after 13215	1 00
Refutatory	E 80	Pin for center eccentric straps, 7008-7009, 1x½x4½" 25-H. D., 12529 to 13216	1 00
Refutatory	E 80	Pin for center eccentric straps, 7310-7323, 1x½x4½" 25-H. D., after 13215	1 00
Refund	E 81	Pin to bell crank, 1x2½" 16-H. D., after 13237, 20-H. D., after 12947, 25-H. D., after 12528	50
Regain	E 79	Pin to reverse pivot rocker, 1½x1x3½" 20, 25-H. D., 12529 to 13259	1 00
Refusal	E 416	Pin to reverse pivot rocker, 1½x1x4½" 16-H. D., after 13237, 20, 25-H. D., after 13259	1 00
Salute		Reverse lever dog or latch, single engine, 5562 to 12301	50
Scall		Reverse lever reach rod, ¼" round, give length, for clips, after 7028	1 50
Scantly		Spring to reverse lever, flat, 4x½x½" No. 12, S. E., 2377 to 12301	25
Scanty		Spring to reverse lever, coil, 3x½" No. 12, S. E., after 12299, D. E., after 8975	25
Scare		Spring, 7½x1½" No. 7, to balance links, double engines, 9611 to 12947	1 00
Scallop		Valve rod, ½x10" 10, 13-H. single, after 7419	1 00
Scalp		Valve rod, ½x11" 16-H., single, after 7419	1 00
Scapel		Valve rod, ½x10½" 18, 20, 25, 30-H. single, after 7419	1 00
Scandalous		Valve rod, ½x17½" 16-H. D., 8578 to 13237, 18, 20-H. D., 8578 to 12947	1 00
Scapement		Valve rod, ½x17½" 25-H. D., 8976 to 12529	1 00
Regal		Valve rod, ½x41½" 16-H. D., after 13236	1 50
Refutable		Valve rod, ½x41½" 20-H. D., after 12946	1 50
Refuse		Valve rod, ½x42½" 25-H. D., after 12528	2 00
Scape		Valve rod, ½x20" 30, 35-H. double, 9611 to 11840	1 00

GUIDING ATTACHMENT

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Accrescendo	1438	Screw wheel on chain roller, 10, 13-H., after 3781, 16-H., 3782 to 10812, 18, 20-H., 8072 to 8578.	3 00
Adduction	1857	Double box for lower end steering shaft, square end, 16, 30-H., 5562 to 9611, few 13, 18, 20-H., 5791 to 6614.	3 50
Adductive	1858	Worm for steering shaft, 10, 18, 20, 25, 30, 35-H., 5791 to 12007, 16-H., 5791 to 12194, 13H., 5791 to 11840.	2 50
Aside	4177	Double box for lower end steering shaft, 18, 20-H., 5791 to 8976.	3 00
Attemperate	4520	Worm wheel on chain roller, 16-H. D., 10812 to 13237, 18, 20-H. D., 8578 to 12947, 25-H. D., 8578 to 12529, 25, 30-H. S., after 7474, 18, 20, 25-H. S., after 8577, 16-H. S., after 10811.	4 50
Attention	4526	Double box for steering shaft, 30-H. S., 25 H. D. 8072 to 11840.	5 50
Averagely	4738	Double box for steering shaft, 18-H., single, 8976 to 9611, 25-H., single, 18, 20-H., double, 8976 to 12007, 16-H. D., 11042 to 12194	4 50
Bandolier	5089	Screw wheel on chain roller, 30, 35-H. D., 9611 to 11840.	5 00
Benight	5695	Steering shaft worm, 13-H., after 11839, 16-H., after 12193.	3 00
Benignancy	5696	Steering shaft double box, 13-H., after 11839.	4 00
Benignant	5697	Hand wheel, 13-H., after 11839, 16-H., after 12193.	4 00
Benim	5699	Double box for steering, 25-H. D., 11840 to 12529, 30-H. S., after 13142.	4 00
Benitier	5700	Hand wheel, 30-H. D., 11840 to 12007, 25-H. D., 12007 to 12529, 20-H. D., 20, 25, 30-H. S., after 12007.	4 50
Benkit	5701	Worm, 25-H. D., 12007 to 12529, 20-H. D., 20, 25, 30-H. S., after 12007.	3 00
Benmost	5702	Upper box for steering shaft, 20-H. D., 11840 to 12947, 25-H. D., 11840 to 12529, 20 25, 30-H. S., 11840 to 14029.	1 50
Bennick	5705	Double box for steering, 20-H. S., after 12007.	4 00
Benumb	5716	Steering lower double box, 16-H. D., 12194 to 13237, 16-H. S., after 12193.	4 00
Bespout	5818	Steering bracket, L. H., 20-H. S., after 14028.	8 00
Bespread	5819	Steering box, 20-H. S., after 14029.	1 50
Besselian	5822	Steering bracket, R. H., 20-H. S., after 14029.	10 00
Brigose	7030	Gib to steering bracket, 16, 20, 25-H. D., on engine 12658 and after 12755.	1 25
Brismak	7079	Chain roller, 25-H. D., 12790 to 13434.	12 00
Britannia	7089	Steering rack gear to front axle, 25-H. D., 12529 to 12880.	10 00
Brodekin	7138	Steering bracket, R. H., 20-H. D., after 12946.	6 50
Brog	7139	Steering bracket, L. H., 16-H. D., after 13236, 20-H. D., after 12946	3 00
Broggan	7140	Chain roller, 20-H. D., rear mount, 12947 to 13390.	12 00
Bronzing	7196	Steering worm wheel, 16-H. D., after 13236, 20-H. D., after 12946.	3 50
Broomster	7216	Steering bracket, R. H., 16-H. D., after 13236.	6 00
Broomstick	7217	Chain roller, 16-H. D., 13237 to 13370.	11 00
Brushlet	7302	Chain roller, 16-H. D., after 13369.	10 00
Brusht	7303	Chain roller, 20-H., after 13389.	12 00
Bucean	7330	Chain roller, 25-H. D. R. M., after 13433.	12 00
Buceate	8211	Steering hand wheel, 25-H. D., after 12528.	4 50
Calf	8245	Steering worm, 25-H. D., after 12528.	3 00
Camper	8367	Steering worm wheel, 25-H. D. R. M., after 12528.	6 00
Terrace		Spring with U bolt complete for guider chain, 10, 13, 16, 18, 20, 25-H., 8976 to 12194.	3 00
Tewtaw		Spring with U bolt complete for guider chain, 30, 35-H., 10022 to 12194.	3 00
Scatch		Spring for guider chain, 13, 16, 20, 25, 30-H., after 12194.	1 00

FRICTION CLUTCH

Accouter	1426	Friction ring, 8, 10, 12-H., 3782 to 7475, 13-H., 4692 to 6614.	2 00
Accriminate	1445	Friction ring, 10-H., 7475 to 8578, 13-H., 6614 to 8976, 16-H. simple, 3782 to 8976, 17, 18-H., 3782 to 5562, 18, 20-H. D., 8976 to 9249.	2 00
Accroachment	1448	Friction shoe, 15, 16-H. single 3782 to 9611.	2 00
Acrostic	1748	Friction ring, 22, 25-H., 5245 to 8072, 17, 18, 20-H., 5007 to 9249.	2 00
Acroterium	1749	Friction fork, 22, 25, 30-H. S., 5245 to 8072, 18, 20-H. S., 5245 to 8976	3 50
Acyesis	1800	Clevis for rod to friction, 5562 to 6107, all engines after 8577.	50
Artize	4088	Quadrant for friction clutch lever, 13-H. simple, after 6588, 16, 18, 20, 25-H. simple, 6546 to 9611.	1 50
Aseribable	4152	Friction fork, 13-H., 6614 to 9186, 16-H., 6614 to 8976.	3 50
Atant	4415	Friction hub, 18, 20-H. single, 8072 to 9249.	6 00
Atmology	4469	Friction shoe, 18, 20, 25, 30-H. S., after 7474, 16-H. S., after 9610.	2 25
Attemperd	4521	Friction fork, 25, 30-H. single, 8072 to 9249.	4 00
Attemptable	4522	Friction hub, 18, 20-H. S., after 9248, 30-H. S., 8072 to 9611, 25-H. S., after 8071, 16-H. S., after 9610.	7 00
Attendance	4523	Friction ring, 25, 30-H. S., after 8071, 18, 20-H. S., after 9248, 16-H. S., after 9610.	3 00
Attesative	4540	Friction bracket, 18, 30-H., 8072 to 8976, 20, 25-H. S. 8072 to 9249.	2 00

FRICTION CLUTCH—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Australoid	4663	Friction lever, 16-H. D., 8578 to 13237, 18, 20-H. D., 8578 to 12947, 25, 30, 35-H. D., 8578 to 12529, 16, 18, 20, 25, 30-H. S., after 8577	1 50
Avocado	4766	Handle for friction lever, with spring, S. E., 6614 to 12301	1 00
Awobble	4809	Friction spider, 18, 20-H. double, 8976 to 9249	8 00
Awesome	4811	Friction hub, 18, 20-H. double, 8976 to 9249	5 00
Awsum	4812	Friction shoe, 16, 18, 20-H. D., 8976 to 10022, 25, 30, 35-H. D., 8976 to 9900	1 00
Axal	4813	Quadrant for friction, 25-H. S., 9611 to 9860, and after 12946, 16-H. S., after 9610, 16-H. D., 8976 to 13237, 20-H. D., 8976 to 12947, 25-H. D., 8976 to 12529	1 50
Axillar	4823	Friction bracket, 25-H. S., 9249 to 11840, 30-H. S., 9249 to 9483 and after 10021, 18, 20-H. S., after 9248	3 00
Axinite	4827	Friction hub, 25-H. D., 8976 to 9249, 16, 18, 20-H. D., 9249 to 10022	5 00
Axiolite	4828	Friction spider, 25-H. double, 8976 to 9249	8 00
Ayel	4841	Friction ring, 18, 20-H. D., 8976 to 9249, 16-H. S., 9249 to 9611, 13-H. S., after 8975	2 50
Ayelp	4842	Friction bracket, 13-H. S., after 9185	2 00
Ayenbite	4843	Friction ring, 16-H. D., after 10021, 18, 20-H. D., 9249 to 10022, 25-H. D., 8976 to 9249	3 00
Babel	4855	Friction fork, 5204 takes place	
Backsword	4917	Friction wheel, 25-H. double, 9249 to 12529	30 00
Backwardly	4918	Friction fork, 25-H. double, 9249 to 9900	4 00
Backwash	4920	Friction ring, 18, 20, 25-H. D., after 10021, 25, 30, 35-H. D., 8976 to 10022	3 00
Badian	4944	Friction spider, 25-H. double, 9249 to 9900	10 00
Badigeon	4945	Friction spider, 18, 20-H. double, 9249 to 10022	8 00
Balter	5058	Lever for shoe to arm, 18, 20-H. double, 9249 to 10022	75
Barbate	5119	Friction fork, 16-H. double, 9611 to 11270	3 50
Barbed	5120	Friction bracket, 16-H. D., 9611 to 11270, 18-H. D., 9780 to 10022, 20-H. D., 9611 to 10022	3 00
Barometry	5204	Friction fork, 16 20-H. single, after 9610	3 50
Barrier	5239	Friction hub, 25, 30, 35-H. D., 9900 to 10022, 25-H. D., 10022 to 11454, 18, 20-H. D., after 10021	5 00
Barring	5240	Friction bolt block, 25, 30, 35-H. D., after 9899, 16, 18, 20-H. D., after 10021	50
Barrister	5241	Friction shoe, 16, 18, 20-H. D., 10022 to 10434, 25, 30, 35-H. D., 9901 to 10434	75
Barter	5251	Friction bracket, 25-H. double, 9900 to 11226	3 50
Bartizan	5252	Friction fork, 25-H. double, 9900 to 11226	4 00
Basilian	5292	Friction hub, 30, 35-H. double, 10022 to 11840	5 00
Basilidian	5294	Friction wheel, 30, 35-H. double, 10022 to 11840	30 00
Basset	5309	Friction fork, 30-35-H. double, 10022 to 11226	5 50
Bassviol	5316	Friction wheel, 18, 20-H. double, 10022 to 12947	25 00
Bastelhouse	5323	Friction hub, 16-H. double, after 10021	5 00
Bastiment	5329	Friction ring, 30, 35-H. double, 10022 to 11840	3 00
Batchelor	5341	Friction bracket, 18-H. D., 10022 to 10434, 20-H. D., 10022 to 11270	3 50
Bateau	5342	Friction fork, 18, 20-H. double, 10022 to 11270	3 50
Bearable	5441	Friction shoe, all double engines, after 10433	75
Becco	5484	Friction spider, 20-H. double, after 10433	12 00
Beclumpse	5498	Friction spider, 25-H. double, 10434 to 12529	12 00
Bedaub	5505	Friction spider, 16-H. double, after 10433	10 00
Bedel	5513	Steel Friction spider, 30, 35-H. double, 10434 to 11840	35 00
Beele	5544	Friction spider, 25-H. double, after 12528	12 00
Behen	5591	Friction fork, 25-H. double, 11270 to 12529	3 50
Behest	5592	Friction bracket, 25-H. double, 11270 to 11840	3 00
Being	5604	Friction fork, 16-H. double, 11270 to 13237	3 50
Belam	5611	Friction fork, 20-H. double, 11270 to 12947	3 50
Belamour	5612	Friction bracket, 20-H. double, 11270 to 12947	3 00
Belong	5649	Friction hub, 25-H. D., after 11453	5 00
Ben	5673	Friction bracket, 25-H. single, after 11839	3 00
Benting	5713	Friction bracket, 25-H. double, 11840 to 12529	4 00
Brigandine	7021	Friction bracket, 25-H. double, after 12528	5 00
Brigboth	7022	Friction fork, 25-H. double, after 12528	4 50
Briskness	7078	Friction wheel, 25-H. double, after 12528	30 00
Broiling	7148	Friction bracket, 20-H. double, after 12946	4 50
Bromaloin	7164	Friction fork, 20-H. double, after 12946	4 50
Bromate	7165	Friction wheel, 20-H. double, after 12946	30 00
Brother	7228	Friction wheel, 16-H. double, after 13236	28 00
Brotherless	7229	Friction bracket, 16-H. double, after 13236	4 00
Brotherlike	7230	Friction fork, 16-H. double, after 13236	4 00
Bubby	7328	Lever for friction clutch, 16-H. double, after 13236	1 50
Tetanic		Arm rod, 1x25", 36" fly wheel, 10, 13-H., after 6613	1 50

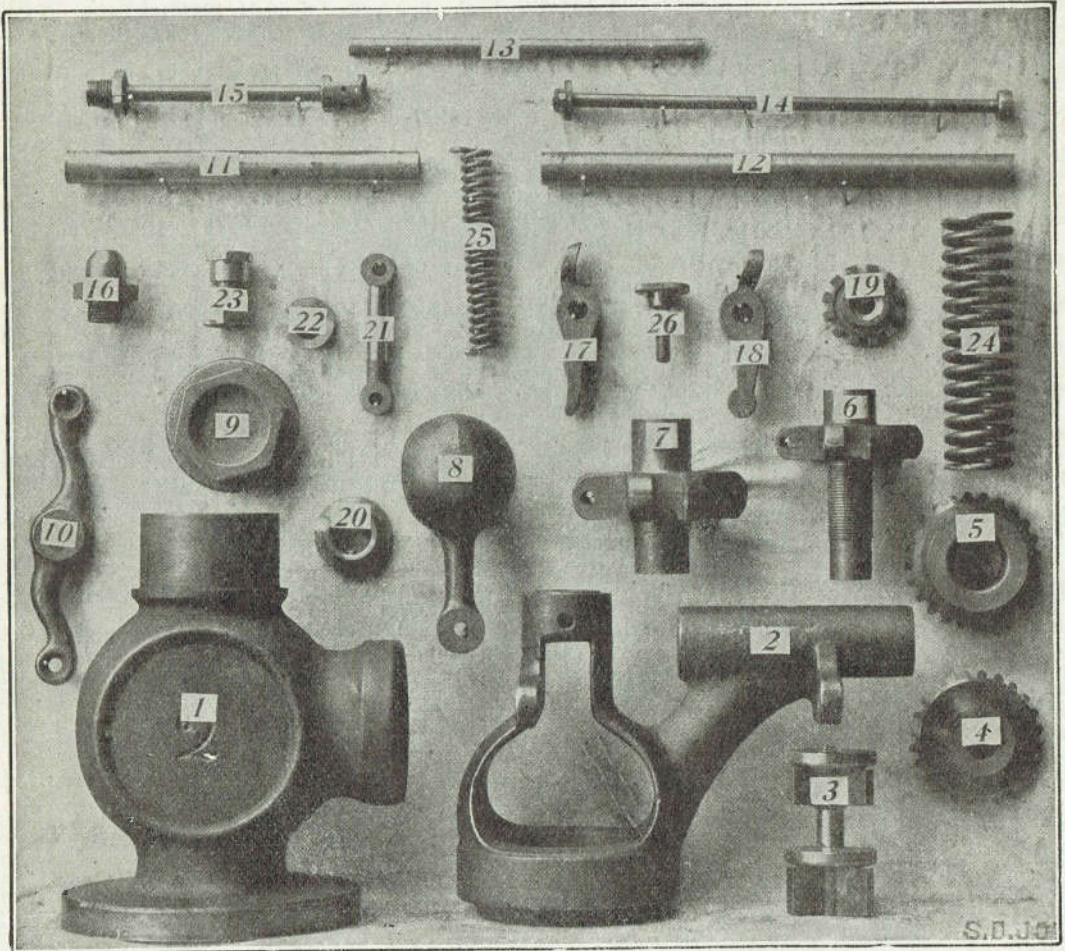
FRICTION CLUTCH—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Tetanioid		Arm rod, 1½x29", 40" fly wheel, 16, 18, 20, 25, 30-H. S., after 7474	1 50
Terret		Adjustable arm bolt complete, 16, 18, 20-H. D., 8976 to 10022, 25, 30, 35-H. D., 8976 to 9900	1 50
Testator		Adjustable eye bolt, ½x6", 16, 18, 20-H. D., after 10021, 25, 30, 35-H. D., after 9900	50
Testify		Adjustable block to eye bolt, No. 5240	
Tabor		Lock pin, single engines	25
Testily		Lock pin, double engines	25
Teston		Lever, shoe to adjustable arm, (No. 5058), 9249 to 9901	75
Testudo		Lever shoe to adjustable arm, D. E., after 9900	1 00
Tetragon		Pin to adjusting arm, ¾x1½", 16, 18, 20-H. double, 8976 to 10022, 25, 30, 35-H. double, 8578 to 10022	25
Tetrapod		Pin to hub and shoe, ¾x3½", 16, 18, 20-H. double, 8976 to 10022, 25, 30, 35-H. double, 8976 to 9901	25
Tetrical		Pin to hub and shoe, ¾x3½", 16, 18, 20-H. double, after 10021, 25, 30, 35-H. D., after 9901	25
Teuton		Pin to spider, ¾x3½", 16, 18, 20-H. double, 8976 to 10022, 25, 30, 35-H. D., 8976 to 9900	25
Tewel		Pin to spider, ¾x5½", 16, 18, 20-H. double, after 10021, 25, 30, 35-H. D., after 9900	25
Ternary		Pin to rod clip, ¾x2¼"	25
Text		Pin for forks to bracket, ¾x6", 8976 to 17522	50
Scanty		Spring, coil, 3x½", No. 12 friction lever, single engines after 12299, Double engines, after 8975	25
Taffy		Wood shoe, 36" band, wheel, 8, 10, 12, 13-H., after 5561	75
Tail		Wood shoe, 40" band wheel, 3" wide, fits No. 4469, 16, 18, 20, 25, 30-H. single, after 4191, 18-H. double, 8578 to 8976	75
Scarf	X	Wood shoe to friction, 16-H. double, 9611 to 10434, 18, 20-H. double, 8976 to 10022, 25-H. double, 8976 to 9249	40
Scarfskin	XX	Wood shoe to friction, 18, 20-H. double, 10022 to 10434, 25-H. double, 9249 to 10022, 30, 35-H. double, 9611 to 10022	40
Scarlet	XXX	Wood shoe to friction, 25, 30, 35-H. double, 10022 to 10434	40
Scarmave	0	Wood shoe to friction, 16-H. double, after 10433	40
Scarnbee	00	Wood shoe to friction, 20-H. double, after 10433	40
Scarp	000	Wood shoe to friction, 25, 30, 35-H., double, after 10433	40

ECLIPSE GOVERNOR

Textus	E 1, 2	Base or valve chamber	12 00
Thallus	E 1, 2½	Base or valve chamber	15 00
Thamin	R 2	Arch or frame, R. H., single engines, 2" and 2½"	9 00
Thanage	L 2	Arch or frame, L. H., double engines, 2" and 2½"	10 50
Thane	E 3, 2	Valve	5 25
Thatch	E 2	Valve, 2/1000 larger	5 25
Thatching	E 2½	Valve, 2/1000 larger	6 75
Thank	E 3, 2½	Valve	6 75
Thaw	E 4	Shaft gear	2 00
Thearchy	E 5	Head gear	2 00
Theatre	E 6	Top sleeve	3 75
Theatrical	E 7	Lower sleeve	3 75
Thebaic	E 8	Ball	1 50
Thebaid	E 9, 2	Cap to base	3 75
Theban	E 9, 2½	Cap to base	3 75
Theft	E 10	Sawyer's lever	75
Theism	E 11	Hollow spindle	3 00
Thema	E 12	Shaft	2 25
Theme	E 13	Speeder shaft	1 00
Themis	E 14	Upper steel rod with spool and head	2 25
Thenar	E 15, 2	Valve brass rod with spool and nut, 6½" long	3 50
Thence	E 15, 2½	Valve brass rod with spool and nut, 7" long	3 50
Theocracy	E 16	Top nut	2 00
Theogony	R 17	Speeder fork to upper rod, R. H., single engines, after 7474, double engines, 10022 to 10449	75
Theologate	L 17	Speeder fork to upper valve rod, L. H., double engines, 8976 to 10022	75
Theologize	R 18	Speeder fork to lower valve rod, R. H., single engines, after 7474, double engines, 10022 to 10449	75
Theologus	L 18	Speeder fork to lower valve rod, L. H., double engines, 8976 to 10022	75
Theology	E 19	Sprocket to lift spring	1 00
Theorist	E 20	Tension nut top, coil spring	1 50
Theorize	E 21	Upper arm to ball, 5/16" hole	1 10
Theory	E 22	Collar between hollow spindle and spring	1 15
Theosis	E 24	Main spring to balls	3 00

ECLIPSE GOVERNOR—Continued



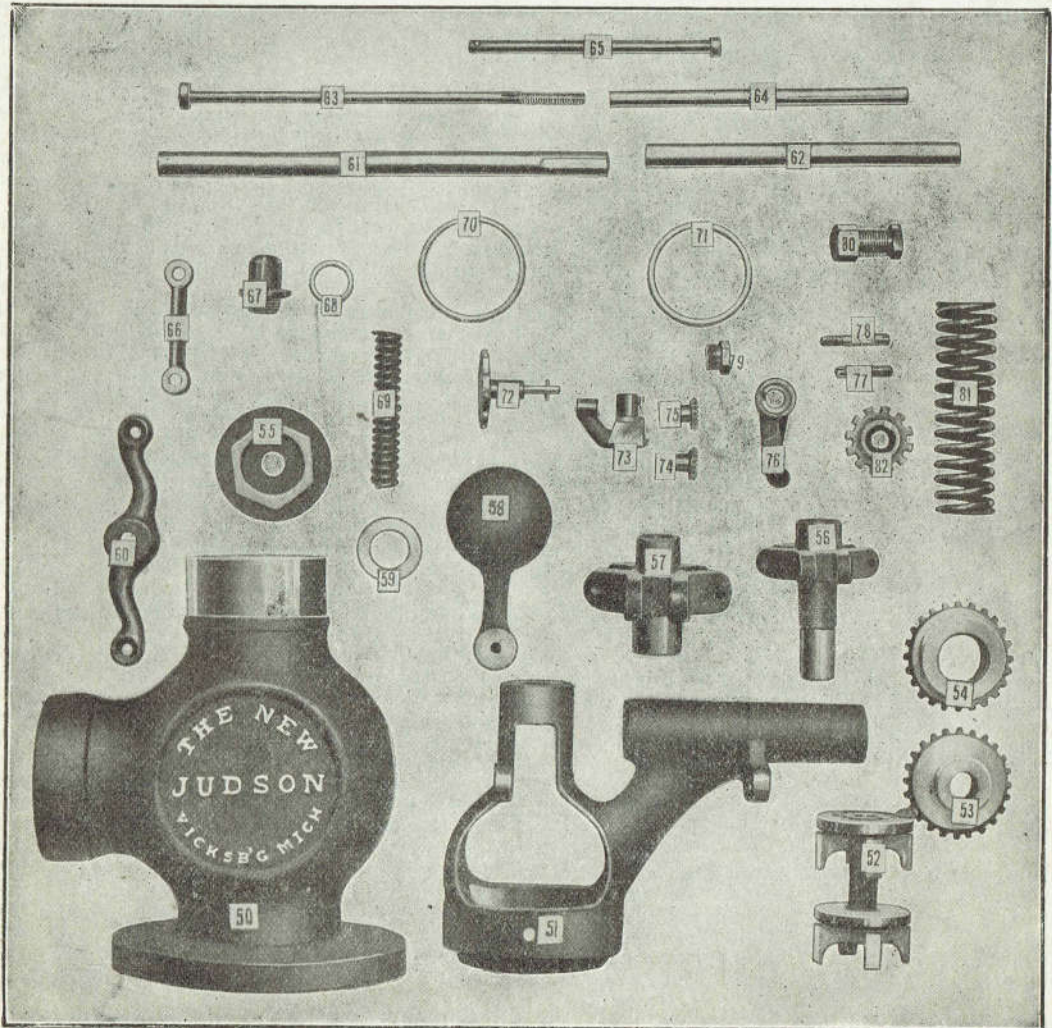
Cipher	Number	Description	Price
Therm	E 25	Lift spring to speeder	2 00
Thermal	E 26	Speeder screw	75
Theurgy	80 B	Stuffing box	1 50
Thew	80 G	Stuffing box gland	50
They	80 N	Stuffing box nut	1 15
Thick	83 P	4" pulley	2 25
Thicken	84 W	Wrench	25
Thickening		Oil cup	50
Thicket		2 3/4" pulley, used when eclipse governor takes place of old style Judson governor	2 25

NEW JUDSON GOVERNOR

Thieve	50 J 2	Base or valve chamber	2"	12 00
Thievery	50 J 2 1/2	Base or valve chamber	2 1/2"	15 00
Thievish	50 J 3	Base or valve chamber	3"	21 00
Thigh	51 J 2	Frame or arch, 2 7/8" bore	2"	9 00
Thill	51 J 2 1/2	Frame or arch, 2 9/8" bore	2 1/2"	11 25
Thimble	51 J 3	Frame or arch, 4 1/2" bore, for 3/4" shaft, 10450 to 10840	3"	13 50
Thin	51 J 3 L	Frame or arch, 4 1/2" bore, for 1" shaft, after engine 10840	3"	13 50
Thing	52 J 2	Valve, 2 1/8" diameter	2"	5 25
Think	52 J 2 1/2	Valve, 2 3/8" diameter	2 1/2"	6 75
Thinking	52 J 3	Valve, 3" diameter	3"	8 25
Thinner	53 J	Bevel gear to drive shaft	2, 2 1/2 or 3"	2 00
Thinness	54 J	Bevel gear to sleeve head	2, 2 1/2 or 3"	2 00
Thinnish	55 J 2	Cap to base or valve chamber, 2 1/8" bore	2"	3 75

NEW JUDSON GOVERNOR—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Thirl	55 J 2½	Cap to base or valve chamber, 3" bore	2½" 3 75
Thirlage	55 J 3	Cap to base or valve chamber, 3½" bore	3" 3 75
Thirling	56 J	Top sleeve	2, 2½ or 3" 3 75
Thirst	57 J	Bottom sleeve	2, 2½ or 3" 3 75
Thistle	58 J	Ball, 2½" diameter	2 or 2½" 2 00
Thither	58 J 3	Ball, 3¼" diameter	3" 2 60
Tholus	59 J	Tension nut, top spring	2, 2½ or 3" 1 50
Thomist	60 J	Sawyer's lever	2, 2½ or 3" 75
Thon	61 J 2	Drive shaft, ¾x15"	2" 2 25
Thoral	61 J 2½	Drive shaft, ¾x15½"	2½" 2 25
Thorax	61 J 3	Drive shaft, ¾x18", 10450 to 10840	3" 2 25
Thoria	61 J 3 L	Drive shaft, 1x18"	3" 2 25
Thorium	62 J	Hollow standard	2, 2½ or 3" 2 50
Thorn	63 J 2, 2½	Upper steel rod, 11" long	2 25
Thorough	63 J 3	Upper steel rod, 11¼" long	3" 2 25
Thorp	63 K 2, 2½	Upper steel rod, 11⅝"	2 25
Thoth	63 K 3	Upper steel rod, 11⅞" long	2 25
Though	64 J	Speeder shaft	2, 2½ or 3" 1 00
Thought	65 J 2	Valve brass rod, 6½" long	2" 3 50
Thrall	65 J 2½	Valve brass rod, 6¾" long	2½" 3 50
Thrang	65 J 3	Valve brass rod, 8½" long	3" 3 50
Thranite	66 J	Arm, ¾" hole	2, 2½ or 3" 1 10



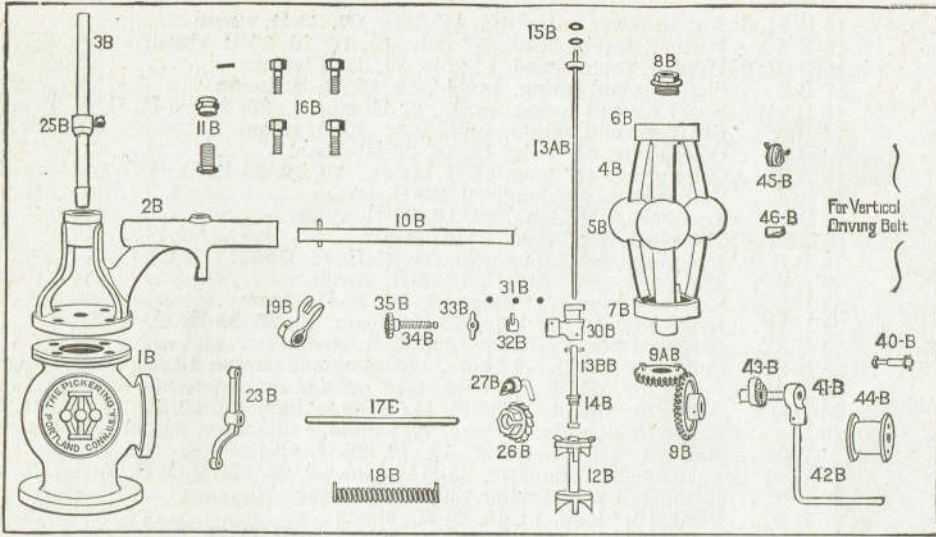
NEW JUDSON GOVERNOR—Continued

Cipher	Number		Price
Thrash	67 J	Cap top nut	2, 2½ or 3" 2 00
Thrashing	68 J	Collar for standard	2, 2½ or 3" 1 15
Thread	69 J 2	Speeder spring, 4½" long, No. 9 wire	2" 2 00
Threadbare	69 J 2½, 3	Speeder spring, 4½" long, No. 8 wire	2½ or 3" 2 00
Threap	70 J 2	Top bushing, 2⅞" diameter	2" 1 50
Threat	70 J 2½	Top bushing, 2¼" diameter	2½" 2 00
Threaten	70 J 3	Top bushing, 3⅜" diameter	3" 2 00
Threshold	71 J 2	Bottom bushing, 2½" diameter	2" 1 50
Thrice	71 J 2½	Bottom bushing, 2⅜" diameter	2½" 2 00
Thriff	71 J 3	Bottom bushing, 3⅜" diameter	3" 2 00
Thrifless	72 J	Hand wheel with shaft to speeder	2, 2½ or 3" 1 15
Thrill	73 J	Bracket to speeder	2, 2½ or 3" 2 25
Thrilling	74 J	Speed, top gear	2, 2½ or 3" 60
Thrinax	75 J	Speed, bottom gear	2, 2½ or 3" 60
Thring	76 J	Speed fork, or lifter	2, 2½ or 3" 60
Thrip	77 J	Pin with cotter key to top sleeve	2, 2½ or 3" 50
Thripple	78 J	Pin with cotter key to bottom sleeve	2, 2½ or 3" 50
Thrissle	79 J	Valve nut	2, 2½ or 3" 1 50
Thrist	80 B	Stuffing box	2, 2½ or 3" 1 15
Thrive	80 N	Stuffing box nut	2, 2½ or 3" 50
Thriving	80 G	Stuffing box gland	2, 2½ or 3" 50
Thringly	81 J 2, 2½	Main top spring, No. 6 wire	2 or 2½" 3 00
Throat	81 J 3	Main top spring, No. 5 wire	3" 3 75
Throating	82 J	Speed sprocket	2, 2½ or 3" 1 00
Throb	83 P	4" flange pulley, ¾" bore	2 or 2½" 2 25
Throng	83 P-L	4½" flange pulley, 1" bore	3" 3 00
Throe	84 W	Wrench	2, 2½ or 3" 25
Thronal	85 J	Ball washer top of steel rod	3 75
Throne	86 J	Oil cup, ¼" thread	2, 2½ or 3" 50

PICKERING GOVERNOR

Throngly	2" governor, 2" inlet pipe, 2" top, 6½" flange base, 8" high, ⅝x15½" shaft, 8¼" arch bearing, 3" pulley, 13, 16, 18, 20 H. After 10433	45 00	
Throstle	2½" governor, 2½" inlet pipe, 2½" top, 7½" flange base, 9¼" high, ⅝x15½" shaft, 8¼" arch bearing, 4" pulley, 25 H. D. 10434 to 12529, 25 H. S., after 10433	60 00	
Tilth	2½" governor, 2½" Inlet pipe, 2½" top, 7½" flange base, 9¼" high, ⅝x18¼" shaft, 12¼" arch bearing, 4" pulley, 25 H. D. after 12528	60 00	
Throstling	3" governor, 3" inlet pipe, 3" top, 7½" flange base, 11¼" high, ⅝x16½" shaft, 10¼" arch bearing, 4" pulley, 30, 35 H., 9249 to 11840	80 00	
Timeless	3" Governor, 2" inlet pipe, 2½" top, 2½" screw base, 7½" high, ⅝x16" shaft, 8¼" arch bearing, 6½" pulley with stop motion, 20 H. Gas Tractor, after 511	85 00	
Timeist	3" governor, 2½" inlet pipe, 2½" top, 2½" screw base, 7½" high, ⅝x16" shaft, 8¼" arch bearing, 6½" pulley with stop motion, 25 H. Gas tractor, after 489	85 00	
Tilting	3" governor, 2½" inlet pipe, 2½" top, 7½" flange base, 7½" high, ⅝x16" shaft, 8¼" Arch bearing, 6½" pulley with stop motion, 22, 25 H. gas tractor, 101 to 490	85 00	
Tillage	3" governor, 3" inlet pipe, 2½" top, 7½" flange base, 7½" high, ⅝x16" shaft, 8¼" arch bearing, 5½" pulley with stop motion, 35 H. gas tractor, after 101	85 00	
Through	1 B 2	Valve chamber, 6½" base, 13, 16, 20-H. steam	10 00
Throw	1 B 2½	Valve chamber, 7½" base, 25-H. steam	15 00
Throwing	1 B 3	Valve chamber, 7½" base, 30, 35-H. steam	20 00
Tiltree	1 L D 3	Valve chamber, 7½" base, low down, 20, 25, 35-H. O. G. T.	20 00
Thrum	2 B 2	Arch bracket, 4½" base, 13, 16, 20-H. steam	5 50
Thrumming	2 B 2½	Arch bracket, 5½" base, 8¼" bearing, 25-H. D., 11839 to 12529, 25-H. S. steam	8 50
Timbal	2 B 3	Arch bracket, 5½" base, 8¼" bearing, 20, 25, 35-H. O. G. T.	10 00
Tilwood	2 B R M 2½	Arch Bracket, 5½" base, 12¼" bearing, 25-H. D. steam, after 12528	9 25
Thrumwort	2 B 3	Arch Bracket, 7½" base, 10¼" bearing, 30, 35-H. steam	10 00
Thrush	3 B 2	Hollow spindle, 1½x10⅞", 13, 16, 20-H. steam	2 75
Thrust	3 B 2½	Hollow spindle, 1½x11½", 25-H. steam, 20, 25, 35-H. O. G. T.	3 50
Thud	3 B 3	Hollow spindle, 1½x13⅞", 30, 35-H. steam	4 25
Thuggism	4 B 2	Leaf spring, 9¼", three springs each ball, 13, 16, 20-H. steam, per leaf	75
Thulite	4 B 2½	Leaf spring, 10", four springs each ball, 25-H. steam, 20, 25, 35-H. O. G. T., per leaf	80
Thumb	4 B 3	Leaf spring, 12½", four springs each ball, 30, 35-H. steam, per leaf	85
Thumbkin	5 B 2	Ball for leaf spring, 2½" diameter, 13, 16, 20-H. steam	1 40

PICKERING GOVERNOR—Continued



(Pickering governor, complete, will fit any of our steam engines built since year 1901)

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Thump.....	5 B 2½	Ball for leaf spring, 2½" diameter, 25-H. steam, 20, 25, 35-H. O. G. T.	1 50
Thumper.....	5 B 3	Ball for leaf spring, 2½" diameter, 30, 35-H. steam	1 75
Thumping.....	6 B 2	Upper flange and brass ring, 3½" diameter, 13, 16, 20-H. steam	3 00
Thumpt.....	6 B 2½	Upper flange and brass ring, 3½" diameter, 25-H. steam, 20, 25, 35-H. O. G. T.	3 50
Thunder.....	6 B 3	Upper flange and brass ring, 4½" diameter, 30, 35-H. steam	4 25
Thurable.....	7 B 2	Lower flange and brass ring, 3½" diameter, 13, 16, 20-H. steam	3 00
Thursday.....	7 B 2½	Lower flange and brass ring, 3½" diameter, 25-H. steam, 20, 25, 35-H. O. G. T.	3 50
Thus.....	7 B 3	Lower flange and brass ring, 4½" diameter, 30, 35-H. steam	4 25
Thuya.....	8 B 2	Top cap nut, ⅜" hole, 13, 16, 20-H. steam	1 50
Timeliness.....	8 B 2½	Top cap nut, ⅜" hole, 25-H. Steam	1 75
Thuyin.....	8 B 3	Top cap nut, ⅜" hole, 30, 35-H. steam, 20, 25, 35-H. O. G. T.	1 75
Thwack.....	9 A B 2	Bevel head gear, 1⅜" bore, 24 cogs, 13, 16, 20-H. steam	1 00
Thwacker.....	9 A B 2½	Bevel head gear, 1⅜" bore, 27 cogs, 25-H. steam	1 25
Thwackered.....	9 A B 3	Bevel head gear, 1⅜" bore, 28 cogs, 20-25-35-H. O. G. T.	1 25
Thwacking.....	9 A B 3	Bevel head gear, 1½" bore, 28 cogs, 30, 35-H. steam	1 50
Thwart.....	9 B 2	Bevel shaft gear, ⅝" bore, 30 cogs, 13, 16, 20-H. steam	1 00
Timbered.....	9 B 2½	Bevel shaft gear, ⅝" bore, 39 cogs, 25-H. steam	1 25
Thy.....	9 B 3	Bevel shaft gear, ⅝" bore, 28 cogs, 30, 35-H. steam	1 50
Timber.....	9 B 3G	Bevel shaft gear, ⅝" bore, 28 cogs, 20, 25, 35-H. O. G. T.	1 50
Thymate.....	10 B 2, 2½	Drive shaft, ⅝x15½", 25-H. D., 11840 to 12529, 13, 16, 20, 25-H. steam, 20, 25, 35-H. O. G. T.	2 00
Timal.....	10 R M	Drive shaft, ⅝x18⅜", 25-H. D., after 12528	2 25
Thyme.....	10 B 3	Drive shaft, ⅝x16⅜", 30, 35-H. steam	2 50
Thymene.....	11 B 2	Stuffing box nut, ⅜" thick, 13, 16, 20-H. steam	70
Thymol.....	11 B 2½	Stuffing box nut, ⅜" thick, 25-H. steam, 20, 25, 35-H. O. G. T.	70
Thymus.....	11 B 3	Stuffing box nut, 1" thick, 30, 35-H. steam	1 10
Thymy.....	11 B 2, 2½	Stuffing box, 1½" long, 13, 16, 20, 25-H. steam, 20, 25, 35-H. O. G. T	1 70
Thyroid.....	11 B 3	Stuffing box, 1½" long, 30, 35-H. steam	2 20
Thyrse.....	12 B 2	Valve, 2" diameter, 3½" long, 13, 16, 20-H. steam	3 25
Thyrus.....	12 B 2½	Valve, 2½" diameter, 4½" long, graduated, 25-H. steam	4 50
Timbering.....	12 B 3	Valve, 3" diameter, 4½" long, 20, 25, 35-H. O. G. T.	5 00
Thysano.....	12 B 3	Valve, 3" diameter, 4½" long, graduated, 30, 35-H. steam	5 00
Tiara.....	13 A B 2	Top rod, ⅝x13⅝", 13, 16, 20-H. steam	2 50
Tib.....	13 A B 2½	Top rod, ⅝x14⅝", 25-H. steam, 20, 25, 35-H. O. G. T.	3 25
Tibbu.....	13 A B 3	Top rod, ⅝x16⅝", 30, 35-H. steam	3 75
Tibert.....	13 B 2	Lower valve rod, ⅝x4⅝", 13, 16, 20-H. steam	2 75
Timberling.....	13 B 2½	G—Lower valve rod, ⅝x4⅝", 20, 25, 35-H. O. G. T.	3 50
Tibet.....	13 B 2½	Lower valve rod, ⅝x5", 25-H. steam	3 50
Tibetan.....	13 B 3	Lower valve rod, ⅝x6", 30, 35-H. steam	4 00
Tibia.....	14 B 2	Nut to lower valve rod, ⅝" long, 13, 16, 20, 25-H. steam, 20, 25, 35-H. O. G. T.	25

PICKERING GOVERNOR—Continued

Cipher	Number		Price
Tibialis	14 B 2½, 3	Nut to lower valve rod, 17½" long, 30, 35-H. steam	25
Tic	15 B 2	Washer, top of head, 3/32" hole, 13, 16, 20, 25-H. steam	10
Tical	15 B 2½, 3	Washer, top of head, 3/8" hole, 30, 35-H. steam	10
Ticca	17 B 2	Shaft for coil spring, 3/8"x6 1/8", 13, 16, 20-H. steam	60
Tice	17 B 2½	Shaft for coil spring, 3/8"x9 1/8", 13, 16, 20-H. steam	85
Ticement	17 B 3	Shaft for coil spring, 1/2"x9 1/8", 30, 35-H. steam	1 25
Ticket	18 B 2	Coil spring, 4 1/4" long, 13, 16, 20-H. steam	55
Ticking	18 B 2½	Coil spring, 4 1/4" long, 13, 16, 20-H. steam	65
Tickle	18 B 3	Coil spring, 6 3/8" long, 30, 35-H. steam	1 00
Ticklish	19 B 2	Toe piece, 2 3/8" long, 13, 16, 20-H. steam	85
Tickseed	19 B 2½	Toe piece, 3 1/8" long, 25-H. steam	1 00
Timbre	19 B G 3	Toe piece, 3 3/8" long, 20, 25, 35-H. O. G. T.	1 25
Tidal	19 B 3	Toe piece, 3 1/8" long, 30, 35-H. steam	1 25
Tide	23 B 2	Sawyer lever, 5 3/8" long, 13, 16, 20-H. steam	55
Tideless	23 B 2½	Sawyer lever, 5 3/8" long, 25-H. steam, 20, 25, 35-H. O. G. T.	85
Tidesman	23 B 3	Sawyer lever, 7 1/8" long, 30, 35-H. steam	1 25
Tidiness	25 B 2	Collar for spindle, 1 1/4" bore, 1 3/8" outside diameter, 13, 16, 20-H. steam	60
Tidings	25 B 2½	Collar for spindle, 3/4" bore, 1 1/8" outside diameter, 25-H. steam	65
Timetful	25 B G 3	Collar for spindle, 3/4" bore, 1 1/8" outside diameter, 20, 25, 35-H. O. G. T.	85
Tidy	25 B 3	Collar for spindle, 3/8" bore, 1 3/8" outside diameter, 30, 35-H. steam	1 00
Tie	26 B 2	Ratchet, 1 3/8" diameter, 13, 16, 20-H. steam	85
Tier	26 B 2½	Ratchet, 2 1/4" diameter, 25-H. steam, 20, 25, 35-H. O. G. T.	1 25
Tierce	26 B 3	Ratchet, 2 1/2" diameter, 30, 35-H. steam	1 35
Tierer	27 B 2	Pawl, 1 7/8" long, 13, 16, 20-H. steam	40
Tierras	27 B 2½	Pawl, 1 3/2" long, 25-H. steam, 20, 25, 35-H. O. G. T.	65
Tiff	27 B 3	Pawl, 1 1/8" long, 30, 35-H. steam	85
Tiffany	30 B 2	Range sleeve connects rods, 2 1/8" long, 13, 16, 20-H. steam	1 65
Tiffin	30 B 2½	Range sleeve connects rods, 2 1/8" long, 25-H. steam, 20, 25, 35-H. O. G. T.	2 00
Tiffish	30 B 3	Range sleeve connects rods, 2 3/8" long, 30, 35-H. steam	2 50
Tig	31 B 2	Balls to range sleeve, 3/8", 13, 16, 20-H. steam	10
Tigellus	31 B 2½, 3	Balls to range sleeve, 7/16", 25, 30, 35-H. O. G. T.	15
Tiger	32 B	Range collar, 3 1/2" long, all steam and gas engines	50
Tight	33 B 2, 2½	Lock nut to range speed, 1 3/8" long, 13, 16, 20, 25-H. steam	55
Tighten	33 B 3	Lock nut to range speed, 1 3/8" long, 30, 35-H. steam, 20, 25, 35-H. O. G. T.	65
Tightener	34 B 2, 2½	Range screw, 2 3/8", 13, 16, 20, 25-H. steam, 20, 25, 35-H. O. G. T.	65
Tightly	34 B 3	Range screw, 2 1/4", 30, 35-H. steam	85
Tights	35 B 2, 2½	Range wheel, 1 1/2", 13, 16, 20, 25-H. steam, 20, 25, 35-H. O. G. T.	55
Tiglic	35 B 3	Range wheel, 1 1/4", 30, 35-H. steam	65
Tigress		3" pulley, 5/8" bore, 13, 16, 20-H. steam engine	2 00
Tilery		4" pulley, 3/4" bore, 25-H. steam engine	2 50
Tilke		4" pulley, 3/8" bore, 30, 35-H. steam engine	2 50
Tilbury		6 1/4" pulley, 5/8" bore, 22, 25-H. O. G. T.	3 50
Tile		6 1/4" pulley, 3/4" bore, 35-H. O. G. T.	3 50
		Automatic stop motion, complete	6 00

STEAM PIPE AND FITTINGS

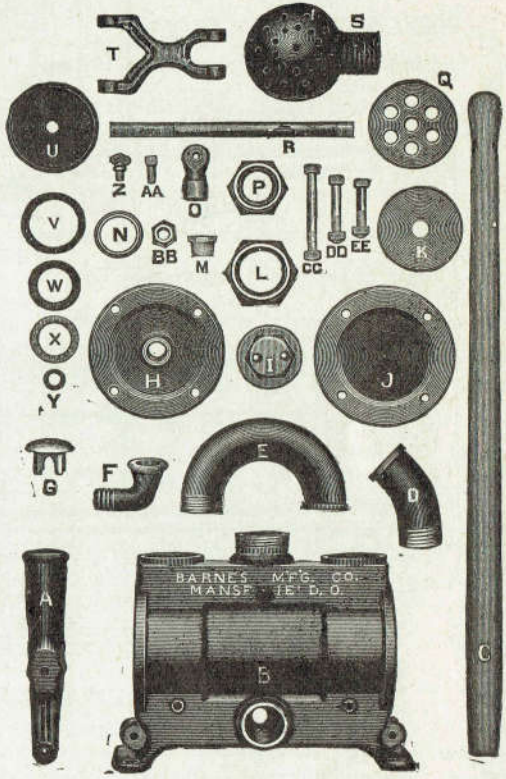
Size of Pipe, Hole	3/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"
Steam pipe per foot or less	.07	.07	.09	.12	.17	.24	.28	.35	.60	.80	1.00	1.20
Nipples	.07	.07	.09	.12	.17	.24	.28	.35	.60	.80	1.00	1.20
Couplings plain or reducing	.05	.06	.08	.12	.18	.25	.30	.40	.70	1.00	1.00	1.20
Elbow	.08	.09	.10	.18	.20	.30	.40	.60	1.00	1.50	3.00	3.50
Elbow 45%	.10	.12	.15	.20	.30	.40	.60	1.00	1.50	3.00	3.00	3.50
Elbow, street	.12	.12	.12	.20	.30	.50	.65	1.10	1.80	3.00	3.00	3.50
Plug	.04	.04	.05	.06	.08	.10	.13	.15	.30	.40	2.00	2.00
Tee	.09	.10	.12	.15	.30	.35	.50	.70	1.20	2.00	2.00	2.50
Union	.20	.25	.25	.30	.40	.60	.70	.90	1.75	2.50	2.50	3.00
Reducing bushing	.05	.05	.05	.08	.08	.10	.10	.16	.25	.35	2.00	2.00
2-3 Union								.50	1.00	2.00	2.00	2.00
Caps	.04	.05	.08	.10	.15	.20	.30	.40	.60	1.00	1.00	1.00
Return bends			.25	.35	.60	.80	1.00	1.50	2.00	2.00	2.00	2.00

REPAIRS FOR BARNES "FAVORITE" TANK PUMPS

Letters referring to parts in illustration
 Letters and numbers cast on repairs designated in illustration.

Letter	Repair Number	Name of Repairs	Price each
A	BA-92	Handle socket.....	\$1 75
*B	BH-61	Cylinder.....	12 00
B	BA-90	Cylinder.....	12 00
C		Wood Lever.....	75
D	BA-98	Suction hose tube.....	1 00
E	BA-99	Goose neck spout.....	2 75
F	BA-96	One inch hose tube.....	40
G	G-2	Check valve.....	75
H	BA-94	Front cylinder head.....	3 50
I	G-1	Cap over discharge valve..	1 50
J	BA-95	Back cylinder head.....	2 75
K		Plunger leather plate.....	40
L	F-8	2 1/2" inch union nut for suction and discharge.....	1 00
*L	BH-62	Union nut for suction and discharge.....	1 00
M		Brass stuffing nut.....	1 00
N		Brass valve seat.....	1 00
O	G-3	Piston rod eye.....	75
P	F-7	2 inch nut for one inch hose tube.....	75
Q		Plunger center plate.....	40
R		Piston rod (steel).....	1 50
S		Suction strainer.....	1 50
T	BA-93	Oscillating link.....	1 00
U		Plunger leather.....	1 00
V		Packing for valve cap.....	15
W		Packing for suction and discharge nut.....	15
X		Check valve rubber gasket	15
Y		Packing for stuffing nut...	10
Z		Brass drip plug.....	50
AA		7/16x1" tap bolt.....	15
BB		Cold pressed hexagon nut for piston rod.....	15
CC		1/2x4 1/2" machine bolt.....	10
DD		1/2x3 1/2" machine bolt.....	10
EE		1/2x2 1/2" machine bolt.....	10

SECTIONAL VIEW.

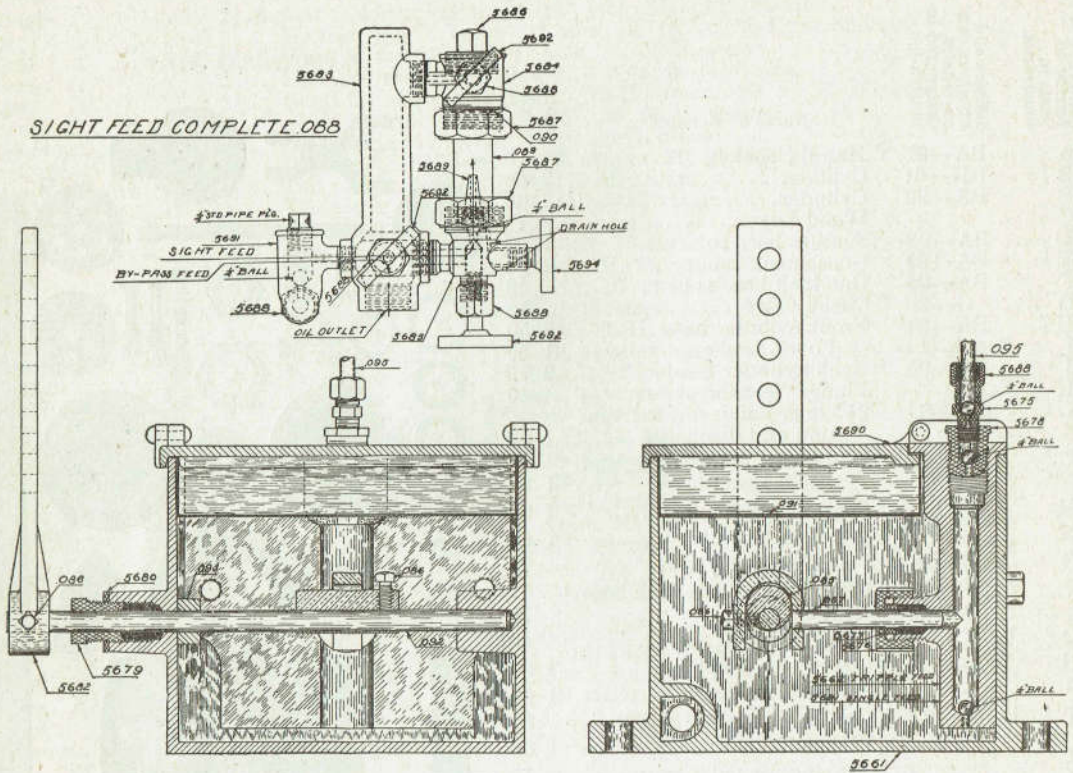


*Commencing with 1909 the suction and discharge on all "Favorite" Tank Pumps will be tapped for 2-inch Iron Pipe. To do this it was necessary to change the cylinder and suction and discharge nut patterns. The repair letters and numbers on the new style cylinder are BH 61 and the nuts BH 62. In ordering these two repairs look carefully at the repair letters and numbers to see whether the new or old parts are wanted.

NICHOLS-SHEPARD OIL PUMP

Cipher	Number	Description	Price
Warm	078	Ball, 1/2" to lower, and top pump check valve and sight feed.....	05
Warming	081	Cap screw 3/4x1" with nut, drive rod to arm and pump to bracket....	10
Warmth	082	Drive bar to lever 9 1/2", single engine.....	25
Warp	083	Drive post to valve slide, single engine.....	25
Warpage	084	Drive post to valve slide, 16-H. D., 8976 to 13237, 20-H. D., 8976 to 12947, 25-H. D., 8976 to 12529.....	25
Warper	085	Eccentric on shaft, drives plunger.....	50
Warping	086	Set screw 1/2x1/2" to eccentric, collar and lever.....	05
Warrant	087	Plunger and yoke.....	75
Warrantor	088	Sight feed, complete.....	5 00
Warren	089	Sight feed glass, 1/2x2 1/2".....	20
Warring	090	Sight feed glass packing.....	05
Warrior	091	Strainer for oil.....	50

NICHOLS-SHEPARD OIL PUMP—Continued



NICHOLS—SHEPARD OIL PUMP

Cipher	Number		Price
Wart.	092	Shaft	25
Wartless	093	Collar to shaft	25
Washing	094	Spring for ratchet dog	05
Wash	095	Feed pipe, 1/4" O. D., Copper, per foot	15
Washable	096	Drive bar to lever, 19" double engine	40
Washout	097	Dog to ratchet	50
Weald	098	Ratchet wheel	2 50
	099	Wrench	10
Beluga	5661	Reservoir for oil	3 00
Belus	5662	Pump barrel, three feeds, double engine	2 50
Bench	5675	Coupling plug with nut to end of 1/4" feed pipe	25
Bend	5676	Stuffing box nut to plunger	35
Bendara	5677	Stuffing box gland to plunger	20
Bendigo	5678	Brass reducer plug and nut with ball check	50
Benedic	5679	Brass shaft stuffing box nut	50
Benediction	5680	Jam nut to shaft	30
Benedictus	5681	Pump barrel, one feed, single engine	1 50
Benefic	5682	Lever to pump, 12194 to 12750	75
Beneficiate	5688	Nut to feed pipe coupling and valve stem to sight feed	20
Beneme	5690	Cover to pump	50
Benempt	5691	Angle check valve to sight feed	75
Benevolence	5692	Sight feed valve, upper, lower or valve to by-pass	25
Bengola	5694	Sight feed drain valve	25
Bequeath	5730	Bracket to hold pump, 13, 16, 20, 25, 30-H., single engines, after 12193	75
Bequest	5731	Bracket to hold pump, 16-H. D., 12194 to 13238, 20-H. D., 12194 to 12947, 25-H. D., 12194 to 12529	75
Berbin	5740	Lever to oil pump, 12750 to 13236	50
Bercelet	5741	Sliding bolt with thimble and washer to lever and driving arm, after 12749	15
Brutalize	7314	Handle to oil pump, 16, 20, 25-H. D., 13237 to 14029	50

MANZEL OIL PUMPS

Cipher	Number		Price
Wasite		Oil pump, one feed three pints. All single steam engines.	18 00
		Parts to attach above	60
Wasium		Oil pump, three feed, four pints. All double steam engines.	25 00
		Parts to attach above	60

OIL CUPS AND LUBRICATORS

Wen	No. 0-I.X.L.	brass oil cup, 1/8" pipe thread stem, friction ring	25
Whack	No. 1-I.X.L.	brass oil cup, 1/4" pipe thread stem, guide to valve rod, friction hub, simple engines	35
Weapon	No. 0	glass oilers, 1/2" pipe thread stem, 1 1/2" diameter, guides, crosshead box, before 7475, eccentric straps, 2377 to 13838	75
Weasel	No. 1	glass oiler, 1/4" pipe thread stem, 1 1/2" diameter, guide, after 7027 eccentric straps, after 13837	1 00
Waddler	No. 00	grease cup, 1/8" pipe thread stem, Separator shoe shake, before 9099, swinging stacker bevel wheels, O. G. T., after 100	08
Wryness	No. 0	grease cup, 1/4" pipe thread stem, shoe shake-shoe crank, beater fan, crank and pitman boxes	08
Wafer	No. 1	grease cup, wing cap, 1/4" pipe thread stem, separator belt tightener, feeder crank boxes	15
Wedge		Wrist pin self feed grease cup, 1/4" pipe thread stem	1 00
Webfoot	No. 1	grease cup, 1/4" pipe thread stem, engine crosshead box, differential shaft, spider, wind stackers, self feeders, belt guide steering box, D. E. Gas Tractor, Cylinder roller bearings	10
Wad	No. 2	grease cup, 3/8" pipe thread, long stem, Separator cylinder babbitt boxes	15
Wanghee	No. 2	special grease cup, 3/8" long pipe thread, engine truck wheel	15
Wave	No. 16	steam oiler in steam chest or steam pipe, 1/2"	4 00
Woven	No. 17	steam oiler in steam chest or steam pipe, 3/4"	5 00
Wryneck		Swift lubricator, double connection, 1 pint, complete, 10, 13, 16-H., 8578 to 9248	9 00
Wangan		Swift lubricator, single connection, 1 pint, complete, 25, 30, 35-H., double engine, 11042 to 11840	9 00
Wye		Swift lubricator, 1 1/2 pint, complete, double connection, 18, 20, 25, 30-H. engine, 8578 to 9248	10 00
		Swift lubricator body, 1 1/2 pint	3 75
		Swift lubricator body, 1 pint	2 75
		Swift lubricator shank	1 50
		Swift lubricator filling plug, give size of lubricator	50
		Swift lubricator filling plug, wood handle, give size of lubricator	10
		Swift lubricator filling plug, brass screw and washer give size of lubricator	05
		Swift lubricator sight feed nut, give size of lubricator	20
		Swift lubricator sight feed glass, with two gaskets, give size of lubricator	10
		Swift lubricator sight feed tube, give size of lubricator	25
		Swift lubricator drain cock, give size of lubricator	20
		Swift lubricator outlet valve, give size of lubricator	40
		Swift lubricator feed valve, give size of lubricator	40
		Swift lubricator bent oil tube, give size of lubricator	15
		Swift lubricator lead union gasket, give size of lubricator	02
		Swift lubricator tail piece, give size of lubricator	25
		Swift lubricator tail nut, give size of lubricator	25
		Swift lubricator condensing chamber, give size of lubricator	1 00
		Swift lubricator pipe, give size of lubricator	30
		Swift lubricator nut for pipe, give size of lubricator	15

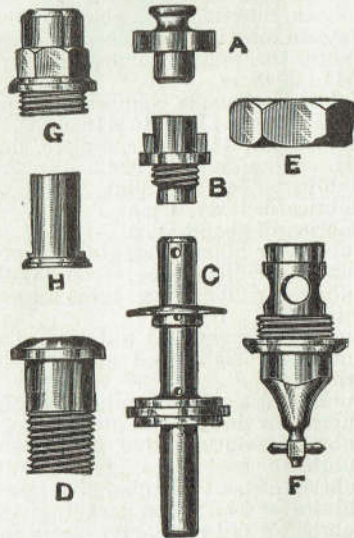
THROTTLE

Artesian	4054	Clip to throttle lever (No. 4661 takes place)	
Aslant	4192	Throttle valve, 2", 10, 13, 16, 18, 20-H., after 6664	16 00
Asleep	4193	Throttle valve, 2 1/2", 22, 25-H., after 6613, 30, 35-H., 10022 to 10434	25 00
Atresia	4495	Clevis to throttle, 3/4" bore, 5824 takes place	
Atrial	4495	Clevis to throttle, 3/4" bore, 25-H. D., 8072 to 12529, 30, 35-H. D., 8072 to 11840, 25, 30-H. S., after 8072	25
Auspicious	4657	Throttle lever, 16-H. D., 8578 to 13237, 18, 20-H. D., 8578 to 12947, 25, 30, 35-H. D., 8578 to 12529, 13, 16, 18, 20-H. S., after 9610	1 00
Australene	4661	Clevis to throttle lever, 16-H. D., 8578 to 13237, 18, 20-H. D., 8578 to 12947, 25-H. D., 8578 to 12529, 30, 35-H. D., 9610 to 11840, single engines, 9611 to 14064	50
Barometer	5202	Quadrant for throttle, 16-H. D., 9611 to 13237, 20-H. D., 9611 to 12947, 25, 30, 35-H. D., 9611 to 12529, 16, 18, 20, 25, 30-H. S., after 10021	1 00

THROTTLE—Continued

Cipher	Number		Price
Batten	5374	Throttle bell crank, 16-H. D., 10022 to 13237, 18, 20-H. D., 10022 to 12947	1 00
Battening	5375	Holder for throttle bell crank, 18, 20-H. D., 10022 to 12947	50
Battered	5376	Throttle bell crank, 25-H. D., 10022 to 12529, 30, 35-H. D., 11205 to 11840	1 00
Batterie	5377	Holder for throttle bell crank, 25-H. D., 10022 to 10434	75
Bayonet	5429	Holder for throttle bell crank, 16-H. D., 10063 to 13237	75
Bedding	5510	Throttle valve, 3", 30, 35-H., 10434 to 11840	30 00
Belgian	5625	Handle to throttle, 25, 30-H. S., after 9610	1 00
Beshut	5797	Clevis to throttle lever, 16, 20, 25-H. S., after 14063	50
Best	5824	Clevis for throttle, 3/4" bore, 16 H. D., 8072 to 13237, 18 H. D. 8072 to 10434, 20 H. D. 8072 to 12947, 8, 10, 13, 16, 18, 20 H. S., after 8071	25
Brimmer	7047	Lever to throttle, 20-H. D., after 12946, 25-H. D., after 12528	1 50
Brindle	7057	Bell crank throttle bracket, 16-H. D., after 13237, 25-H. D., after 12528	50
Broadside	7111	Clevis to throttle stem, 25-H. D., after 12528	75
Brockie	7132	Throttle bell crank, 20-H. D., after 12946	1 00
Browspot	7258	Lever to throttle, 16-H. D., after 13236	1 50
Terminus		Valve for No. 4192 throttle, 2", after 6665, 2 discs, price each	1 25
Termor		Valve for No. 4193 throttle, 2 1/2", after 6613, 2 discs, price each	1 50
Textbook		Valve for No. 5510 throttle, 3", 2 discs, price each	2 00

INJECTOR—U. S.



- A—Steam Jet.
- B—Suction Jet.
- C—Delivery Tube.
- D—Tail Pipe.
- E—Tail Pipe Nut
- F—Delivery Cap.
- G—Overflow Valve Cap.
- H—Overflow Valve.

When ordering repairs, always give the size and number of the injector, and specify the parts by the name given for each part.

Unlust	Injector, No. 4, 1/2x1 1/2" coupling, 10, 12, 13-H., after 3781, 16-H., 5245 to 11042	8 00
Unpay	Injector, No. 5, 1/2x1 1/2" coupling, 16-H., 11042 to 11496, 18, 20-H., before 10433	9 00
Unhinge	Injector, No. 5 1/2, 3/4x1 1/2" coupling, 20-H., after 10433, 25-H., before 7028, 16-H., after 11495	11 00
Unequal	Injector, No. 6, 3/4x1 1/2" coupling, 25, 30, 35-H., after 7027	12 00
Ulster	Tail pipe, 1/2x1 1/2", 8, 10, 13-H.	50
Umbel	Tail pipe, 1/2x1 1/2", 15, 16, 18, 20, 22, 25, 30-H., after 2233	50
Unfurl	Tail pipe, 1x1", 25, 30-H.	50
Umbrella	Tail pipe nut, 3/4", 8, 10, 13, 15, 16, 18, 20, 22-H.	65
Unfold	Tail pipe nut, 1", 25, 30, 35-H.	65
Universe	Steam jet, No. 3 1/2, 4 or 5	1 50
Ungula	Steam jet, No. 5 1/2 and No. 6	1 50
Unpartial	Suction jet, for No. 4 or 5	1 50
Unpaved	Suction jet, for 5 1/2, 6	1 50

INJECTOR—U. S.—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Unlace		Delivery tube, No. 3½, 4 or 5	2 00
Unit		Delivery tube, No. 5½ and No. 6	2 00
Unity		Delivery cap, No. 5½ and No. 6	2 00
Unless		Delivery cap, No. 3½, 4 or 5	2 00
Unlock		Overflow cap, No. 3½, 4 or 5	1 00
Unman		Overflow cap, No. 5½ and No. 6	1 00
Unloose		Overflow valve, No. 3½, 4 or 5	50
Unmask		Overflow valve, No. 5½ and No. 6	50

BRASS VALVES AND COCKS

Abacolit	D 4	Globe valve, ¾" male ends, 14, 15, 16, 17, 18, 20, 22-H. S., 3782 to 7475, 25-H., 7028 to 8072, 13, 16, 20-H. S., 16, 20-H. D., after 11495	3 50
Abactinal	D 5	Globe valve, ½" male ends, next to check valve, 6, 8, 10, 12, 13-H., 3782 to 11042	2 50
Absorptiometer	673	Angle valve, ½"	1 50
Absorption	680	Globe valve, ½"	1 50
Abstemi	718	Lower pump valve to No. 709, C 144, C 155 steel guides, 4192 to 7475	75
Abstemious	719	Upper pump valve to No. 709, C 144, C 155 steel guides, 4192 to 7475	75
Abstemiously	721	Check valve, ¾x¾", with cock, 14, 15, 17, 18, 20, 22-H., 885 to 7475, 25-H., 7028 to 8072, 20-H. S., after 11495, 13, 16-H., after 594	3 00
Abstentional	781	Globe valve, ¾", after 2234	2 00
Abstrahent	835	Check valve to injector, ½", 6, 8, 10, 12-H, 33 to 5007	1 50
Abstriction	857	Check valve, ¾", to injector, 13, 16, 18, 20, 25, 30-H. S.	1 50
Accessitely	1248	Blow-off valve, 1" 25, 30, 35-H., 3447 to 10812, 10, 13, 16, 20-H., States, after 3446	3 50
Adhabit	1898	Angle valve, ¾"	2 00
Arrogation	4032	Upper pump valve, 18, 20-H. S., after 6106, 10, 13, 16, 18, 20-H. S., after 7027, 25-H., 7028 to 7475, 16-H. D., 9611 to 11840	1 00
Arrouse	4033	Lower pump valve, 18, 20-H. S., after 6106, 10, 13, 16, 18, 20-H. S., after 7027, 25-H., 7028 to 7475, 16-H. D., 9611 to 11840	1 00
Aslope	4194	Globe valve, 2", 10, 13, 16, 18, 20-H., after 6613	7 00
Asmanite	4195	Globe valve, 2½", 30, 35-H., 6614 to 10434, 25-H. 6614 to 11042	13 00
Assify	4300	Cylinder cock, 3 way, ¼x¼x¾", 13, 16-H. S., 16, 20-H. D., after 7474	2 00
Atabal	4410	Angle valve, ½", no wheel, blower, after 7027	1 75
Athamanta	4427	Upper pump valve, 25, 30-H. S., after 7474, 18, 20-H. D., after 8577, 16-H. D., after 11839	1 00
Athamantin	4428	Lower pump valve, 25, 30-H. S., after 7474, 18, 20-H. D., after 8577, 16-H. D., after 11839	1 00
Athanasian	4429	Globe valve, 1", male ends, 16, 18, 20-H. D., 25, 30-H. S., 7475 to 13357, 25-H after 13356	4 50
Athanor	4430	Globe valve, 1", 25-H. S., after 12528, 16, 18, 20, 25-H. D., 7475 to 13216	4 00
Atheism	4431	Angle valve, 1", 25-H. S., after 12528, 18, 20-H. S., 7475 to 12582	4 00
Atheistical	4432	Check valve, 1", with cock, 18, 20-H. D., 7475 to 12946, 25, 30-H. after 7474	3 50
Athelia	4433	Check valve, 1", next to injector, 16-H. D., 11840 to 13237, 25, 30, 35-H. D., next to pump, 7475 to 12529, 25, 30-H. after 7475, 20-H. D., 7475 to 12947	2 00
Atypically	4566	Upper valve to glass water gauge, 16-H. D., 8578 to 13237, 18, 20-H. D., 8578 to 12947, 25, 30, 35-H., 8578 to 10812, 10, 13, 16, 18, 20-H. S., 8578 to 13216	2 00
Atziloth	4567	Lower valve to glass water gauge, with cock, 16-H. D., 8578 to 13237, 18, 20-H. D., 8578 to 12947, 25, 30, 35-H., 8578 to 10812, 10, 13, 16, 18, 20-H. S., 8578 to 13216	2 50
Ballister	5044	Cylinder 3-way cock, ¾x¾x¾", 20, 25, 30-H. S., 25, 30, 35-H. D., after 8975	2 25
Barefacedly	5152	Upper pump valve, 25, 30, 35-H. D., after 9610	1 50
Barefoot	5153	Lower pump valve, 25, 30, 35-H. D., after 9610	1 50
Barege	5154	Globe valve next to check, male ends, 1¼", 25, 30, 35-H. D., 9611 to 13357	3 00
Baregin	5155	Check valve with cock, 1¼", 25, 30, 35-H. D., 9611 to 13357	4 50
Bavarian	5401	Globe valve, 1½" to suction, 16, 20, 25, 30, 35-H. D., 10021 to 13475	4 00
Bechamel	5485	Globe valve, front tank, 1½", 20, 25, 30, 35-H., after 10021	4 25
Began	5563	Upper valve to glass water gauge, 25, 30, 35-H. D., 10812 to 12529, 13, 16, 20-H. S., after 13215, 25, 30-H. S., after 10811	2 00
Beget	5564	Lower valve to glass water gauge, with cock, 25, 30, 35-H. D., 10812 to 12529, 13, 16, 20-H. S., after 13215, 25, 30-H. S., after 10811	2 50
Begetting	5565	1½" blow-off Y, valve 25, 30, 35-H., States, after 12193	4 00
Behad	5584	2½" globe valve, 25-H. S., after 11041	16 00
Bergut	5760	Brass 1" gate valve for water column, 25-H. D., after 12946	8 00
Bergy	5761	Brass 1" Y blow-off valve, female ends, 13, 16, 20-H. engines, Canada	3 50

BRASS VALVES AND COCKS—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Berkshire	5762	Brass 1½" Y blow-off valve, female ends, 25, 30-H. engines, Canada	4 50
Brumaire	7282	Brass valve, upper, to glass water gauge, 16-H. D., after 13236, 20-H. D., after 12946, 25-H. D., after 12528	2 00
Brumal	7283	Brass valve, lower, with cock to glass water gauge, 16-H. D., after 13236, 20-H. D., after 12946, 25-H. D., after 12528	2 50
Wick		Cock to check valve	50
Winch		Cock to cylinder, with slot handle, before 7028	1 25
Window		Cock to glass water gauge	50
Wing		Cock to heater and gear oiler pipe, ¼"	1 00
Winnow		Cock, try compression, ½", 25, 30, 35-H., before 12947, 16-H. D., before 13237, 20-H. D., before 12947, 10, 13, 16, 20-H. S., before 13216	1 50
Wallop		Cock, try compression, ¾", 25, 30, 35-H., after 12946, 13, 16, 20-H., after 13216	2 00
Wisp		Cock to steam chest	1 00
Wit		Cock, ¼" drain to pipe	50
Witch		Safety pop valve, 1½", States, 20-H., before 11496, 10, 13, 16, 18-H., after 377	7 00
Wove		Safety pop valve, 1½", States, 20-H., after 11495, 25-H., 7475 to 12582	8 00
Wealth		Safety pop valve, 2", States, 25-H., after 12581	13 00
Yakut		Safety pop valve, 1½" side opening, Canada, 16, 20 H.	10 00
Waistcoat		Safety pop valve, 2", side opening, Canada, 25, 30, 35-H., after 10811	15 00

BRASS ENGINE TRIMMINGS

Abatement	B 35	Bushing to exhaust nozzle, 1½ to 1¾", 15, 16, 18-H. simple, after 6106, 20, 25-H. D., 10022 to 12947	75
Abatis	B 36	Bushing to exhaust nozzle, 1½ to 1½", 13-H., after 5790, 18-H. D., after 10021	75
Abatist	B 37	Bushing to exhaust nozzle, 1½ to 1½", 16-H. D., after 10021	75
Abayst	B 41	Bushing to exhaust nozzle, 2 to 1¾", 25, 30, 35-H., 6107 to 12947	75
Abaysed	B 42	Bushing to exhaust nozzle, 2½ to 1¾", 35-H. D., 8976 to 10022	75
Abb	B 43	Bushing to exhaust nozzle, 1½ to 1½", 18-H. D., after 9248	75
	B 45	Bushing for exhaust nozzle, 2¼ to 2", 25-H., coal burner, after 12946	75
	B 46	Bushing for exhaust nozzle, 2¼ to 1¾", 25-H., wood burner, after 12946	75
	B 47	Bushing for exhaust nozzle, 2¼ to 1¾", 20-H. D., coal, after 12946	75
Abben	B 49	Bushing for exhaust nozzle, 2¼ to 1¾", 20-H. D., wood, after 12946	75
Abear	B 67	Brass stuffing box nut to heater, 1½", 25, 30, 35-H., 9611 to 12194	1 50
Abelian	B 71	Nut for stuffing box, 1", to heater water pipe, 13, 16, 18, 20, 25, 30-H. S., after 5561, 16, 20, 25-H. D. 8176 to 12947, 25-H. D. after 12946	1 25
Aberration	B 76	Stuffing box nut in heater, ¾", 16, 20-H. D., after 12946	1 00
Absorptivity	709	Lower section to pump, 8, 10, 12, 13, 14, 15, 16-H. steel guide, 1613 to 7475, 18, 20, 22-H., before 6107, 20, 26-H. compound, before 6107	4 50
Absquatulate	711	Air chamber to pump, 8, 10, 12, 13, 14, 15, 16-H. steel guide, 1613 to 7475, 18, 20, 22-H., before 6107, 20, 26-H. compound, before 6107	3 50
Arrogance	4030	Air chamber to pump, 25-H., 7028 to 7475, 18, 20-H. S., 6107 to 8072, 10, 13, 16, 18, 20-H. S., after 7027, 16-H. D., 9611 to 11840	4 00
Arrogantly	4031	Lower section to pump, 18, 20-H. simple, 6107 to 8072, 10, 13, 16, 18, 20-H. simple, after 7027, 25-H., 7028 to 7475, 16-H. D., 9611 to 11840	7 00
Atellan	4425	Lower section to pump, 25, 30-H. S., after 7474, 18, 20-H. D., after 8577, 16-H. D., after 11839	8 00
Athalline	4426	Air chamber to pump, 25, 30-H. S., after 7474, 18, 20-H. D., after 8577, 16-H. D., after 11839	5 00
Barcelona	5141	Pump stuffing box nut, 16, 18, 20-H. D., 9611 to 10022	1 50
Bareback	5150	Air chamber to pump, 25, 30, 35-H. D., after 9610	6 00
Barefaced	5151	Lower section to pump, 25, 30, 35-H. D., after 9610	12 00
Wort		Fusible plug, ½" pipe thread, for crown sheet, before 10812	55
Waister		Fusible plug, ¾" pipe thread, for crown sheet, after 10811	75
Woof		Jet pump No. 1, ½x1x1½", 10, 13, 16, 20-H., before 9611	2 00
Wafture		Jet pump No. 2, ¾x1x1", 25-H., 9611 to 10022, 13, 16-H., with bushing for single engines after 10433	3 00
Waggel		Jet pump No. 4, 1x1½x2", 16, 20, 25, 30, 35-H. D., after 10021	4 00
World		Plug, ¾"	30
Wagoner		Plug, 1"	50
Worthy		Plug, 1½"	75
Worry		Plug, 1½"	1 25
Word		Plug, 2"	1 50
Wynd		Plug, 2½"	2 75

BRASS ENGINE TRIMMINGS—Continued

Cipher	Number		Price
Wynn		Plug, 3"	3 75
Wakeful		Steam gauge, double Borden spring, for Canada	10 00
Wakeman		Syphon with cock, extra large, for Canada	5 00
Wrapper		Steam gauge, $\frac{3}{8}$ " pipe thread stem, States	6 50
Wreath		Syphon for steam gauge, $\frac{3}{8}$ x $\frac{1}{4}$ " pipe thread stem, States	2 50
Wrong		Whistle, 2 $\frac{1}{2}$ " (chime)	7 00

BRASS BOXES

	480	Wrist pin box, 10, 12-H., 1613 to 3782, 8-H., 3782 to 6107, steel guide	5 00
Absis	481	Crosshead box, 10, 12-H., 1613 to 3782, 8-H., 3782 to 6107	3 50
Absist	482	Wrist pin box, 13-H., 1991 to 3447, 14, 15, 16, 17-H., 1991 to 6614, 18-H., 1991 to 6107, 13-H., steel guides, 6614 to 7475	5 00
Absistence	483	Crosshead box, 13-H., 1991 to 3447, 14, 15, 16, 17, 18-H., 1991 to 7137, 13-H., steel guides, 6614 to 7475	3 50
Acephalus	1533	Wrist pin box, 10, 12-H., 4192 to 7475, 13-H., steel guide, 4192 to 6614	5 00
Acequia	1534	Crosshead box, 10, 12-H., 4192 to 7475, 13-H., 4692 to 6614	3 50
Aspre	4255	Wrist pin box, 18, 20, 25-H. S., after 7027	5 00
Aspread	4256	Crosshead box, 18, 20, 25-H. S., after 7027, 30, 35-H. D., after 9610	4 00
Asquat	4257	Wrist pin box, 10, 13-H. S., 7028 to 10022 and after 10433	5 00
Assembling	4270	Wrist pin box, 16-H. S., after 7027	5 00
Assent	4271	Crosshead box, 10, 13, 16-H. S. Corliss guide, after 7027, 18, 20, 25-H. D., after 8577	3 50
Atopite	4483	Wrist pin box, 30-H. S., after 7474	7 00
Aurify	4641	Wrist pin box, 18, 20-H. D., 8578 to 10308	7 00
Autonomous	4696	Wrist pin box, 25, 35-H. D., 8578 to 10022	7 00
Barograph	5200	Wrist pin box, 16-H. D., after 9610	6 00
Barology	5201	Crosshead box, 16-H. D., after 9610	3 50
Baryta	5260	Wrist pin box, 18, 20-H. D., engines No. 10081-2-3-4 and after 10307	7 00
Barytes	5261	Wrist pin box, 25-H. D., after 10021	7 00
Baryto	5262	Wrist pin box, 30, 35-H. D., 10022 to 11840	7 00
Bayamo	5420	Wrist pin box, 13-H., 10022 to 10434	5 00

MOTOR PARTS GAS ENGINE

Cabald	8002	Babbitt wrist pin box, 35-H., after 1	10 00
Cabalist	8005	Brass piston pin box, 35-H., 1 to 226	6 00
Caball	8012	Valve stem guide, 35-H., after 1	1 75
Cabby	8028 S	Cam to exhaust, 20-H., after 435	4 00
Cablish	8042	Valve stem guide, 25-H., after 437	1 75
Caboccer	8044	Valve to exhaust and inlet, 1x1 $\frac{1}{2}$ " stem, 25-H., after 437	3 00
Caffeol	8146	Pulley on side shaft drives governor, 20, 25, 35-H., after 435	2 00
Cage	8152	Brass connecting rod bushing box, 20-H., after 435	4 50
Calculated	8223	Cylinder 10 $\frac{1}{2}$ ", 35-H., after 1	90 00
Caldera	8232	Babbitt wrist pin box, 20, 22, 25-H., after 1	8 00
Caldese	8233	Brass connecting rod bushing box, 22, 25-H., 1 to 226	5 00
Calibrate	8248	Cam and side shaft rear bracket, 8679 with 8682 takes place	
Caliche	8251	12" pulley on side shaft drives fan, 35-H., 1 to 396 (on 397-399-402 403-404-405-406-409-412-415)	3 00
Calif	8258	Crankshaft box side, 22, 25-H., after 1	10 00
Caliga	8259	Crankshaft box, center, 22, 25-H., after 1	8 00
Caligo	8260	Cap to side crankshaft box, 22, 25-H., after 1	4 00
Caligula	8261	Bracket for Wico Ignitor, 25-H., 490 to 509	2 50
Calin	8262	Cap to center crankshaft box, 22, 25-H., after 1	3 00
Calipash	8264	Cylinder 8 $\frac{1}{2}$ ", 22-H., 1 to 226	60 00
Caliver	8265	Piston 8 $\frac{1}{2}$ ", 22-H., 1 to 226. When 2 are needed, order 8708 with rings and pins	20 00
Caller	8270	Valve stem guide, 22, 25-H., 1 to 438	1 75
Callimus	8272	Valve head to exhaust and inlet with stem, 22, 25-H., 1 to 425	3 00
Calling	8273	Valve cage, 22, 25-H., 1 to 425	15 00
Calopogon	8283	Crank case, 22, 25-H., on engine 295 and 1 to 311	125 00
Calputtee	8292	Water jacket, 22, 25-H., 27 $\frac{1}{2}$ " wide for channel type, 26 $\frac{1}{2}$ " wide for plate type, 1 to 490	55 00
Calvary	8301	Piston 10 $\frac{1}{2}$ ", 35-H., 1 to 226	20 00
Calvinist	8303	Cylinder, 25-H. G., after 490	90 00
Calvist	8304	Crank case, 25-H. G., after 490	120 00
Calvities	8305	Valve cage, 25-H. G., after 490	15 00
Calx	8306	Manifold inlet, 25-H. G., after 490	5 00
Camail	8307	Manifold exhaust, 25-H. G., after 490	5 00
Camarilla	8310	Valve cage, 35-H., 1 to 436	15 00
Camass	8311	Valve for inlet and exhaust with stem, 35-H., 1 to 436 and after 587	3 00

<i>Cipher</i>	<i>Number</i>	MOTOR PARTS GAS ENGINE—Continued	<i>Price</i>
Camassia	8312	Valve cage, 20-H., after 480	13 00
Camata	8313	Rocker arm bracket, 20-H., after 480	2 50
Cambaye	8315	Manifold exhaust elbow, 22, 25-H., 1 to 490	2 50
Camber	8316	Water jacket to cylinder, 33½" wide for channel type, 32½" wide for plate type, 35-H., after 1	75 00
Camboge	8323	Rocker exhaust arm, 22, 25-H., No. 1 to 418	4 00
Cambuca	8327	Crank shaft oil ring, 22, 25-H., after 1	3 00
Camion	8344	Steel Cam to exhaust, 22, 25-H., after 1	4 00
Camister	8349	Inlet rocker arm, 35-H., after 1	4 00
Campagus	8360	Steel Cam to inlet, 20, 22, 25-H., after 1	4 00
Campaign	8361	Governor idler pulley, 20, 22, 25, 35-H., after 1. Fan idler pulley 20-25-H., after 510, 35-H., after 572	2 00
Campo	8377	Piston 10½", 35-H., 226 to 288. When 2 are needed, order 8621 with rings and pins	20 00
Campong	8378	Rocker exhaust arm, 35-H., 226 to 403	4 00
Campterium	8379	Steel Cam to inlet, 35-H., after 225	4 00
Camptonite	8380	Steel Cam to exhaust, 35-H., 226 to 403	4 00
Canderos	8409	Crank shaft oil ring, 35-H., after 1	4 00
Candid	8412	Rocker inlet arm, 22, 25-H., after 1	4 00
Candidate	8414	Brass lever to cam rocker shifter, 35-H., 1 to 403, 22, 25-H., 1 to 418	50
Canduc	8422	Eccentric hub with timer shaft, 22, 25-H., 122 to 226	2 50
Canet	8428	9" piston, 25-H., before 226	20 00
Caneva	8429	9" cylinder, 25-H., on engines Nos. 152, 178, 180, 182, 183, 184, 185, 187, 188, 189, 190, 225 to 490	65 00
Canis	8440	10½" side shaft pulley drives fan, 22, 25-H., 192 to 418	2 25
Canoness	8471	Idle pulley bracket for governor, 22, 25-H., 152 to 490, 35-H., after 151	75
Canonic	8472	Piston 9", 25-H., 8687 with rings and pins takes place when two are needed, 226 to 288	20 00
Canticle	8489	Bracket for Wico ignitor, 35-H., before 286, 25-H., 228 to 490	2 50
Cantonne	8500	Cylinder 8", 20-H., after 435	55 00
Cantoned	8501	Piston 8", 20-H., 436 to 8623	20 00
Cantrip	8506	Valve stem guide, 20-H., after 435	1 75
Cantus	8507	Valve to inlet and exhaust, 20-H., after 435	3 00
Cantuser	8508	Rocker arm for exhaust, \$2.50, with roller \$1.50, 20-H., after 435	4 00
Canuck	8509	Rocker arm for inlet \$2.50, with roller \$1.50, 20-H., after 435	4 00
Capableness	8518	Crank shaft bearing side, 20-H., after 435	8 00
Capacity	8519	Crank shaft bearing center, 20-H., after 435	6 00
Capeline	8532	Crank case, 20-H., after 435	100 00
Caperating	8537	Piston 9", 25-H., 288 to 359. (When two pistons are needed order 8687 with pins and rings)	20 00
Capister	8553	Cap to crank box side, 20-H., after 435	3 00
Capistrate	8554	Cap to crank box center, 20-H., after 435	2 50
Capital	8556	Cam for Wico igniter, 1½" bore, 20, 25-H., 288 to 509	2 00
Capitan	8561	Bracket for cam shaft, L. H., 20-H., after 435	3 00
Capitulary	8572	Piston 10½", 35-H., 8621 takes place when one or two is needed	
Carabus	8613	Bracket for Wico igniter, 35-H., 288 to 509	2 50
Caramote	8621	Piston with brass bushing (to replace pistons 8377-8572) 35-H.	25 00
Carbamid	8628	Oil ring for crank shaft, 20-H., after 435	3 00
Cardoon	8682	Cap to cam and side shaft, 20, 25-H., after 376, 35-H., after 367	1 25
Careage	8684	Piston 10½" with brass bushing, when two are ordered send 8621 with rings and pins, 35-H., 367 to 379	25 00
Careenage	8687	Piston 9" with brass bushing, 25-H., 359 to 379	25 00
Cargoose	8704	Cam for Wico igniter, 2" bore, 35-H., 288 to 509	2 00
Carian	8708	Piston 8½", 22-H., takes place 8265	20 00
Cariatid	8710	Piston 9", 25-H., after 378	20 00
Carib	8711	Rocker arm to exhaust, 25-H., after 417	4 00
Caribbean	8712	Rocker arm to exhaust, 35-H., after 402	4 00
Caribou	8714	Piston 10½", 35-H., after 378	20 00
Caricature	8715	Steel Cam to exhaust, 35-H., after 402	4 00
Caricous	8717	Valve cage, 25-H., 425 to 490	15 00
Caries	8718	Valve head to exhaust and inlet with stem, 25-H., 425 to 438	3 00
Carity	8724	Valve cage, 35-H., after 436	15 00
Cark	8725	Valve head for inlet and exhaust with stem, No. 8311 takes place	
Carousel	8781	Manifold exhaust, 20-H., after 8610	5 00
Carpus	8794	Piston 8", 20-H., after 8622	20 00
Circumflex		Cover to crank case, 35-H., after 1	5 00
Circumfuse		Cover to crank case, 22, 25-H., after 1	4 50
Clearish		Cover to crank case, 20-H., after 511	4 00
Circumstantial		Cam roller 2½", 22, 25, 35-H., after 1	1 50
Cleave		Piston ring 8", 20-H., after 435	1 75
Cleucha		Piston ring 10½", 35-H., after 1	2 25
Cima		Piston ring 9", 25-H., after 225	2 00
City		Spring to exhaust rocker, ¾x1½", after 1	10

MOTOR PARTS GAS ENGINE—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Civics		Spring to inlet and exhaust valve cage, $3\frac{1}{2} \times 6 \times \frac{3}{4}$ ", 35-H., after 1	1 50
Clangor		Spring to inlet and exhaust valve cage, $3 \times 6 \times \frac{5}{16}$ ", 20, 22, 25-H., after 1	1 50

TRUCKS OIL-GAS TRACTOR

Adempted	1876	Axle cap nut front, 20, part 1921 and previous, 22, 25-H., after 121	1 00
Backhand	4897	Axle cap nut rear, 20-H., after 435	1 50
Backing	4898	Axle cap nut rear axle, R. H., 22, 25-H., after 121	2 00
Bearding	5444	Mud claw, 22, 25, 35-H.	75
Beaufet	5461	Draw bar head, 20, 25, 35-H., after 310	5 00
Caducous	8137	Clevis to brake rod, 22, 25, 35-H., 1 to 481	1 00
Cafuso	8151	Axle clutch cap to end rear axle, L. H., 35-H., after 1	4 00
Cajan	8173	Gib to countershaft, L. H., 20-H., after 435	5 00
Calean	8236	Cap to countershaft bearing, 22, 25-H., 1 to 311	7 00
Caledonite	8237	Axle and countershaft bracket, L. H., 22, 25-H., 1 to 311	35 00
Calefacient	8238	Cap to axle bearing, L. H., 22, 25-H., 1 to 311	8 00
Calliope	8274	Axle clutch cap to end rear axle, L. H., 22, 25-H., after 1	3 00
Camois	8355	Steering box on front axle for steering shaft, 22, 25-H., after 1	5 00
Camorra	8357	Front axle knuckle with $2\frac{1}{2}$ " axle stub, 22, 25-H., after 1	10 00
Candidacy	8413	Draw bar support, 22, 25-H., 122 to 288	3 00
Canga	8431	Bracket to support back end platform, 22, 25-H., 1 to 311	3 00
Capade	8523	Axle clutch nut rear, L. H., 20-H., after 435	3 50
Cape	8528	Gib to countershaft, R. H., 20-H., after 435	10 00
Capeling	8531	Gib to intermediate shaft, 20-H., after 435	5 00
Capellet	8534	Axle knuckle, 20-H., after 435	8 00
Caperer	8539	Lever to brake with dog handle and spring, 25, 35-H., on engine 295 and after 310	4 00
Capirote	8552	Gib for countershaft 35-H., after 366	16 0
Capricious	8586	Clevis to brake rod, 25, 35-H., after 480	50
Carbonize	8643	Countershaft end collar, 20-H., after 435	2 00
Carlick	8730	Front axle, 20-H., after 523	30 00
Carping	8791	Mud claw, 20-H.	75
Clematis		Wheel front, 8×38 ", $2\frac{1}{2} \times 11$ " bore, 20-H.	30 00
Clamant		Wheel front, 10×43 ", $2\frac{5}{8} \times 9$ " bore, 22, 25-H., 1 to 524	40 00
Carload		Wheel front, 10×38 ", $2\frac{5}{8} \times 9$ " bore, 25-H., after 523	30 00
Cameline		Wheel front, 12×48 ", 3×11 " bore, 35-H.	55 00
Clemency		Wheel rear, R. H., 20×64 ", 20-H.	200 00
Clement		Wheel rear, L. H., 20×64 ", 20-H.	200 00
Callose		Wheel rear, R. H., 28×69 ", 22, 25-H.	275 00
Callosal		Wheel rear, L. H., 28×69 ", 22, 25-H.	275 00
Clamber		Wheel rear, R. H., 32×73 ", 35-H.	380 00
Clammer		Wheel rear, L. H., 32×73 ", 35-H.	380 00

TRANSMISSION AND GEARING OIL-GAS TRACTOR

G-72		Bevel pinion for side shaft, 22, 25, 35-H., after 1	10 00
885-S		Differential bevel pinion, 20-H., (Not on eng. 8558, 8517, 8534, 8557 8570, 8529, 8562, 8559, 8567, 8563,) 436 to 603	3 00
Achievement	1598-S	Bevel pinion in differential gear, (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 20-H., after 602	3 00
Beauteous	5468	Differential spur pinion, 22, 25-H., after 1	3 00
Bedight	5520	Differential spur pinion, 35-H., after 1	3 50
Beg	5560	Differential spur wheel, outside, 35-H., after 1	16 00
Bega	5561	Differential spur wheel, inside, 35-H., after 1	16 00
Cachibou	8073-S	Main crankshaft pinion, 35-H., after 1	55 00
Cack	8082	Bevel wheel to side shaft, 35-H., after 1	18 00
Cackerel	8083	Main crankshaft bevel wheel, 35-H., after 1	25 00
Cackery	8084	Bevel wheel to cam shaft, 35-H., after 1	23 00
Cadenza	8123	Differential spur wheel, center, with 6 pinion shafts, 35-H., after 1	115 00
Cadillac	8127	Reverse shaft pinion, 35-H., after 1	12 00
Cadmean	8129	Main crank shaft reverse pinion, 35-H., after 1	14 00
Calcar	8208-S	Countershaft pinion with clutch, L. H., 35-H., 1 to 387	25 00
Calcaria	8209-S	Countershaft pinion, R. H., 35-H., 1 to 387	20 00
Calcation	8210	Lug gear, 35-H., after 1	95 00
Calciform	8213	Differential spur wheel center with four pinion shafts, 22, 25-H., 1 to 481. Not on engine No. 452	85 00
Calluna	8279	Lug gear, 22-H., on engines 122 to 181, 183 to 192, 193 to 196	60 00
Calory	8285-S	Countershaft pinion, R. H., 22, 25-H., 1 to 481. Not on engine No. 452	14 00
Calpe	8291	Differential spur wheel, outside, 22, 25-H., after 1	13 00
Calsons	8293-S	Main crankshaft spider pinion, 22, 25-H., 1 to 481. Not on engine No. 452	45 00
Calthrops	8295	Main crankshaft reverse pinion, 22, 25-H., after 1	9 00

TRANSMISSION AND GEARING OIL-GAS TRACTOR—Continued

	Number		Price
<i>Cipher</i>			
Calumbin.....	8298.....	Reverse shaft pinion, 22, 25-H., 1 to 481. Not on engine No. 452..	9 00
Calvatia.....	8302-S.....	Countershaft pinion with clutch, L. H., 22, 25-H., 1 to 481. Not on engine No. 452.....	16 00
Cameral.....	8336.....	Bevel wheel to side shaft, 20, 22 and 25-H., after 1.....	18 00
Camerate.....	8337.....	Main crankshaft bevel wheel, 22, 25-H., after 1.....	24 00
Camestres.....	8341.....	Differential spur wheel, inside, 22, 25-H., after 1.....	13 00
Campanist.....	8365.....	Differential spur wheel, center, 25-H., after 480. On engine No. 452.....	85 00
Capment.....	8366 Steel.....	Main shaft pinion, 25-H., after 480. On engine No. 452.....	17 00
Campfire.....	8370.....	Collar for countershaft, 22, 25, 35-H., after 1.....	1 50
Canceler.....	8400.....	Bevel wheel to cam shaft, (Not on Eng. 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 20-H., 436 to 8604, 22, 25-H., after 1.....	23 00
Canful.....	8430.....	Lug gear, 22, 25-H. (not on engine 452), 197 to 481.....	70 00
Canting.....	8494.....	Reverse spur wheel, 25-H., on engine 295 and after 310.....	25 00
Capitatum.....	8566.....	Reverse spur wheel, 35-H., after 287.....	45 00
Capitoline.....	8569.....	Intermediate wheel, fast speed, 20-H., after 435.....	30 00
Capitulum.....	8575.....	Lug gear, 20-H., after 435.....	38 00
Caplin.....	8576-Steel.....	Countershaft pinion, R. H., 20-H., after 435.....	12 00
Capnomor.....	8577-Steel.....	Countershaft pinion with clutch, L. H., 20-H., after 435.....	12 00
Cappy.....	8582.....	Differential spur wheel, fast speed, 20-H., (Not on Eng. 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8563, 8567,) 436 to 8604.....	25 00
Caprfig.....	8587.....	Reverse pinion, 20-H., after 435.....	3 00
Caprifoil.....	8588.....	Reverse sliding pinion, 20-H., after 435.....	6 00
Capsaicin.....	8596.....	Intermediate drive gear, 20-H., after 435.....	15 00
Capsal.....	8597.....	Intermediate wheel slow speed, 20-H., after 435.....	8 00
Capsella.....	8598.....	Differential spur wheel, slow speed, 20-H., (Not on Eng. 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8563, 8567,) 436 to 8604.....	28 00
Caranx.....	8623.....	Differential bevel wheel with clutch, outside, 20-H., (Not on Eng. 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8563, 8567,) 436 to 8604.....	10 00
Carap.....	8624.....	Differential bevel wheel inside, 20-H., (Not on Eng. 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8563, 8567,) 436 to 8604.....	10 00
Cardboard.....	8665.....	Mainshaft pinion, 20-H., after 435.....	12 00
Cardiform.....	8670.....	Lug gear, 25-H., after 480. On engine No. 452.....	70 00
Cardigan.....	8671 Steel.....	Countershaft pinion, 25-H., after 480. On engine No. 452.....	20 00
Cardinal.....	8672 Steel.....	Countershaft pinion with clutch, 25-H., after 480. On engine No. 452.....	23 00
Caress.....	8694 Steel.....	Countershaft pinion with clutch, L. H., 35-H., after 386.....	35 00
Caret.....	8695 Steel.....	Countershaft pinion, R. H., 35-H., after 386.....	25 00
Cariacine.....	8705.....	Bevel wheel on crankshaft, 20-H., (Not on Eng. 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8563, 8567,) 436 to 8604.....	25 00
Carlet.....	8729.....	Reverse shaft pinion, 25-H. (on engine 452), after 480.....	9 00
Carnation.....	8756.....	Differential spur wheel, fast speed, (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 20-H., after 8603.....	25 00
Carnelian.....	8757.....	Differential spur wheel, slow speed, (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 20-H., after 8603.....	30 00
Carneous.....	8758.....	Differential bevel wheel with clutch, outside, (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563) 20-H., after 8603.....	12 00
Carney.....	8759.....	Differential bevel wheel, inside, (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 20-H., after 8603.....	12 00
Caromel.....	8775.....	Bevel wheel to cam shaft (On engines 8559, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563) 20-H., after 8603.....	20 00
Carotic.....	8776.....	Crank shaft bevel wheel, (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 20-H., after 8603.....	24 00

PULLEY CLUTCH OIL-GAS TRACTOR

Barring.....	5240.....	Pulley clutch friction bolt blocks, 20-H., (Not on Eng. 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 512 to 8604.....	50
Bearable.....	5441.....	Pulley clutch shoe, 20-H., (Not on Eng. 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 512 to 8604.....	75
Cabaya.....	8024.....	Pulley clutch spider, 35-H., after 1.....	33 00
Cacated.....	8064.....	Pulley clutch shoe frame, 35-H., after 1.....	6 00
Cacatory.....	8065.....	Pulley clutch shoe, 35-H., after 1.....	4 00
Cachexy.....	8072.....	Pulley clutch shifting ring, 35-H., after 1.....	4 50
Cacografy.....	8093.....	Pulley clutch fork, 35-H., after 1.....	9 00
Cader.....	8124.....	Pulley clutch shifter ring, 25-H., after 471.....	4 00
Cadew.....	8125.....	Pulley clutch fork, 25-H., after 471.....	6 00
Cafila.....	8149.....	Pulley clutch brake, \$2.50, lagging, \$1.00, 20-H., after 511.....	3 50
Cairngorm.....	8170.....	Pulley clutch lever, 20-H., after 435.....	2 50
Calamus.....	8201.....	Pulley clutch brake, \$5.85, lagging, \$2.35, 35-H., after 1.....	8 20
Calcular.....	8221.....	Pulley clutch spider, 22, 25-H., 1 to 8604.....	20 00
Calculative.....	8226.....	Pulley clutch shoe frame, 22, 25-H., 1 to 8604.....	5 00
Calculator.....	8227.....	Pulley clutch shoe, 22, 25-H., 1 to 8604.....	3 50

PULLEY CLUTCH OIL-GAS TRACTOR—Continued

<i>Cepher</i>	<i>Number</i>		<i>Price</i>
Calculate	8228	Pulley clutch hub, 22, 25-H., 1 to 8604	4 00
Calculist	8229	Pulley clutch sleeve, 22, 25-H., 1 to 8604	6 00
Calemes	8241	Pulley clutch fork, 22, 25-H., 1 to 472	6 00
Calidut	8257	Pulley clutch brake support, 22, 25-H., after 1	2 25
Callosity	8277	Pulley clutch fork bracket, upper, 22, 25-H., after 1	4 00
Callus	8280	Pulley clutch hub, 35-H., after 1	7 00
Calm	8281	Pulley clutch sleeve, 35-H., after 1	6 00
Calotte	8287	Cap to pulley clutch bracket, 22, 25-H., after 1	1 25
Calpax	8290	Pulley clutch shifter ring, 22, 25-H., 1 to 472	4 00
Calumba	8297	Pulley clutch brake \$4.50, lagging, \$1.65, 22, 25-H., after 1	6 15
Canephore	8426	Pulley clutch fork bracket, lower, 22, 25-H., after 1	3 00
Canyer	8514	Pulley clutch spider, 20-H., (Not on Eng. 8558, 8517, 8534, 8557, 8570 8529, 8562, 8559, 8567, 8563,) 436 to 8604	15 00
Cap	8516	Pulley clutch fork bracket, 20-H., after 435	3 00
Capitulate	8573	Lever for pulley clutch, 25, 35-H., after 366	2 00
Capping	8581	Pulley clutch fork bracket, 20-H., after 435	2 00
Cardanic	8664	Pulley clutch fork, 20-H., (On Eng. 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 436 to 8604	3 50
Carnivore	8764	Pulley clutch friction pulley, 20-H., (On Engines 8558, 8517, 8534, 8557 8570, 8529, 8562, 8559, 8567, 8563,) after 8603	15 00
Carnivorous	8765	Drive pulley, 20-H., (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) after 8603	30 00
Carnosity	8766	Pulley clutch sleeve, 20-H., (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) after 8603	6 00
Carnous	8767	Steel. Pulley clutch connecting joint to band, 20, 25-H., (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) after 8603	1 50
Carny	8768	Pulley clutch double clip to band, 20, 25-H., (On Engines 8558, 8517 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) after 8603	50
Carob	8769	Pulley clutch single clip to band, 20-H., (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) after 8603	50
Caroche	8770	Pulley clutch shifter ring, 20-H., (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) after 8603	3 00
Carol	8771	Pulley clutch link to band, 20, 25-H., (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) after 8603	50
Caroline	8772	Steel. Pulley clutch lever to band, 20, 25-H., (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) after 8603	50
Carolus	8773	Pulley clutch fork, 20-H., (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) after 8603	3 50
Classis		Bolt with eye to toggle pulley clutch, $\frac{1}{2}$ x3", R. H., thread, 22, 25-H., 1 to 8604	50
Classman		Bolt with eye to toggle pulley clutch $\frac{1}{2}$ x3 $\frac{1}{2}$ ", R. H. thread, 35-H., after 1	50
Classmate		Bolt with eye to toggle pulley clutch, $\frac{1}{2}$ x3 $\frac{1}{2}$ ", L. H. thread, 35-H., after 1	50
Testudo		Lever to shoe, $\frac{1}{2}$ x6 $\frac{1}{2}$, (2 pieces) 20-H., (Not on Eng. 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 512 to 8604	1 00
Clastic		Nut with ball end to pulley clutch toggle $\frac{1}{2}$ ", R. H. thread, 22, 25-H., 1 to 8604	1 00
Cionitis		Nut $1\frac{1}{2}$ x3" to pulley toggle clutch $\frac{1}{2}$ ", R. and L. H. thread, 35-H., after 1	1 00
Clat		Toggle nut with ball and 1 eye bolt $\frac{1}{2}$ x3", R. H. thread, pulley clutch, 22, 25-H., 1 to 8604	1 50
Clatch		Toggle nut $1\frac{1}{2}$ x3" with 2 eye bolts $\frac{1}{2}$ x3 $\frac{1}{2}$ ", R. and L. H. thread, pulley clutch, 35-H., after 1	1 50
Clathrate		Toggle nut, $1\frac{1}{2}$ x5 $\frac{1}{2}$ ", with two eye bolts $\frac{1}{2}$ x3 $\frac{1}{2}$ ", R. and L. H. thread, pulley clutch, 22, 25-H., 1 to 8604, 35-H., after 1	1 60
Scarmave		Wood shoe to pulley clutch, 20-H., (Not on Eng. 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 512 to 8604	40

TRACTION OIL-GAS TRACTOR

Cabezon	8033	Quadrant to reverse and speed shifter, 20-H., after 435	5 00
Cabocle	8047	Traction shoe frame, 20-H., after 435	6 00
Cabot	8052	Traction clutch shoe, \$1.25, lagging \$2.00, 20-H., after 435	3 25
Cabrouet	8059	Traction clutch, shifting ring, 20-H., after 435	3 00
Cacam	8062	Lever to traction clutch, 20-H., after 435	2 50
Cacao	8063	Lever to reverse shifter, 20-H., after 435	2 50
Cachalot	8067	Traction clutch fork, 35-H., after 1	7 50
Cachepot	8070	Lever to high and low speed, 20-H., after 435	6 00
Cachet	8071	Traction clutch hub, 35-H., after 1	5 00
Cachexy	8072	Traction shifting ring, 35-H., after 1	4 50
Cacklery	8087	Change speed shifter arm, 20-H., after 435	1 00

TRACTION OIL-GAS TRACTOR—Continued.

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Cacoxenite	8097.....	Automatic stop to lock lever, 20-H., after 435.....	50
Cactoid	8100.....	Cap to traction clutch bracket, 35-H., after 1.....	1 25
Cacumen	8102.....	Reverse shifter block, 25-H., after 450.....	1 75
Cadamba	8103.....	Reverse shifter fork, 25-H., after 450.....	1 75
Cadeling	8153.....	Clevis to traction clutch block, 20-H., after 435.....	75
Cajoling	8175.....	Traction clutch spider, 25-H., after 482 on engine No. 452.....	20 00
Cajolery	8176.....	Traction clutch shoe frame, 22, 25, 35-H., after 1.....	6 00
Cajote	8177.....	Traction clutch hub, 25-H., after 480 on engine No. 452.....	4 00
Cajuput	8179.....	Traction clutch shifter ring, 25-H., after 480 on engine No. 452.....	4 00
Cake	8180.....	Traction clutch fork, 25-H., after 480 on engine No. 452.....	6 00
Call	8269.....	Traction clutch shoe, 22, 25, 35-H., after 1.....	4 00
Calotte	8287.....	Cap to traction clutch fork bracket, 22, 25-H., after 1.....	1 25
Calotype	8288.....	Traction clutch fork, 22, 25-H., 1 to 472.....	6 00
Caloyer	8289.....	Traction clutch hub, 22, 25-H., 1 to 481 not on engine No. 452.....	4 00
Calpax	8290.....	Traction clutch shifter ring, 22, 25-H., 1 to 472.....	4 00
Cambium	8321.....	Reverse shaft arm, 22, 25-H., 1 to 311.....	4 00
Canoe	8468.....	Traction clutch fork bracket, 22, 25-H., after 191.....	7 00
Cantish	8496.....	Reverse shifter arm, 25, and 35-H., (on engine 295) after 310.....	1 75
Caperd	8538.....	Quadrant to traction clutch, 25, 35-H., on engine 295 and after 310.....	2 50
Caperlash	8540.....	Lever to traction clutch with dog handle and spring, 25, 35-H., on engine 295 and after 310.....	5 00
Capitalism	8557.....	Traction clutch fork, 20-H., after 435.....	5 00
Capitalist	8558.....	Traction clutch fork bracket, 20-H., after 435.....	3 50
Capitalize	8559.....	Traction clutch hub, 20-H., after 435.....	4 00
Capitellum	8567.....	Reverse shifter fork, 35-H., 288 to 415.....	1 75
Capitularly	8571.....	Traction Spider, 20-H., after 435.....	15 00
Capricious	8586.....	Clevis to traction clutch rod, 25, 35-H., after 310.....	50
Capriped	8590.....	Change speed shifter bell crank, 20-H., after 435.....	1 50
Caprizant	8591.....	Change speed shifter block, 20-H., after 435.....	1 50
Caproate	8592.....	Change speed shifter fork, 20-H., after 435.....	1 00
Caproic	8593.....	Change speed connecting spool, 20-H., after 435.....	9 00
Captaincy	8599.....	Reverse shaft bracket, L. H., 20-H., after 435.....	9 00
Caption	8600.....	Reverse shaft bracket, R. H., 20-H., after 435.....	9 00
Captivate	8602.....	Reverse shifter bracket, 20-H., after 435.....	1 50
Captive	8603.....	Reverse shifter fork, 20-H., after 435.....	1 75
Captorial	8604.....	Reverse shifter arm, 20-H., after 435.....	1 75
Classy		Bolt with eye for toggle $\frac{1}{2} \times 3\frac{1}{2}$ ", R. H. thread, traction clutch, 22, 25, 35-H., after 1.....	60
Clast		Bolt with eye for toggle, $\frac{1}{2} \times 3\frac{1}{2}$ ", L. H. thread, traction clutch, 22, 25, 35-H., after 1.....	60
Citicism		Nut. $1\frac{1}{2} \times 5\frac{1}{2}$ ", to traction toggle, R. and L. thread, 22, 25, 35-H., after 1.....	1 00

STEERING OR GUIDING PARTS OIL-GAS TRACTOR

Caballo	8015.....	Steering pinion, 22, 25, 35-H., after 1.....	3 50
Caban	8017.....	Steering coupling fork, 35-H., after 1.....	2 50
Cabbom	8029.....	Steering pinion, 20-H., after 435.....	3 00
Cabestro	8032.....	Steering shaft double box, 20-H., after 435.....	3 50
Cagot	8157.....	Steering worm wheel, 20-H., after 435.....	5 00
Caira	8167.....	Hand wheel, 20-H., after 435.....	3 00
Calash	8205.....	Steering bevel wheel, 22, 25, 35-H., after 1.....	2 00
Calf	8245.....	Steering worm, 20, 22, 25, 35-H., after 1.....	3 00
Calid	8255.....	Steering worm wheel, 35-H., after 1.....	7 00
Camara	8308.....	Steering box, front axle, 35-H., after 1.....	6 00
Cambiform	8318.....	Steering shaft center to coupling fork, 22, 25, 35-H., after 1.....	1 25
Camp	8358.....	Steering rack gear to front axle, 22, 25-H., after 1.....	8 50
Campagna	8359.....	Steering coupling fork, 22, 25-H., after 1.....	2 50
Camper	8367.....	Steering worm wheel, 22, 25-H., after 1.....	6 00
Capetian	8544.....	Steering shaft upper bracket, 25, 35-H., on engine 295 and after 310.....	1 00
Carbinol	8636.....	Steering shaft bracket, horizontal section, 25-H., after 287.....	4 00
Carl	8728.....	Bevel wheel for steering, 20-H., after 435.....	2 50
Carlina	8731.....	Rack gear, 20-H., after 523.....	7 00
Carline	8732.....	Steering box front axle, 20-H., after 523.....	3 00

COOLING SYSTEM OIL-GAS TRACTOR

Cabaret	8020.....	Bracket for pump belt tightener, 20, 25-H., after 418, 35-H., 416 to 595.....	1 50
Cabas	8021.....	10"-9" side shaft pulley, drives pump and fan, 25-H., after 418.....	5 00
Cabber	8025.....	Steel lever to fan belt tightener, 25 H., 419 to 512. Not on engines 490-491, 493-501 Inc., 35 H., 417 to 573 on 35 H., 396, 398, 400, 401, 407, 408, 410, 411, 413.....	1 50
Cabbing	8026.....	3" idle pulley for fan pump, 1" bore, 20, 25-H., after 418, 35-H., after 415.....	2 00
Cabble	8027.....	11"-10" side shaft pulley, drives pump and fan, 35-H., on engines 396, 8, 400, 1, 7, 8, 10, 11, 13, 14, 417 to 573.....	5 00

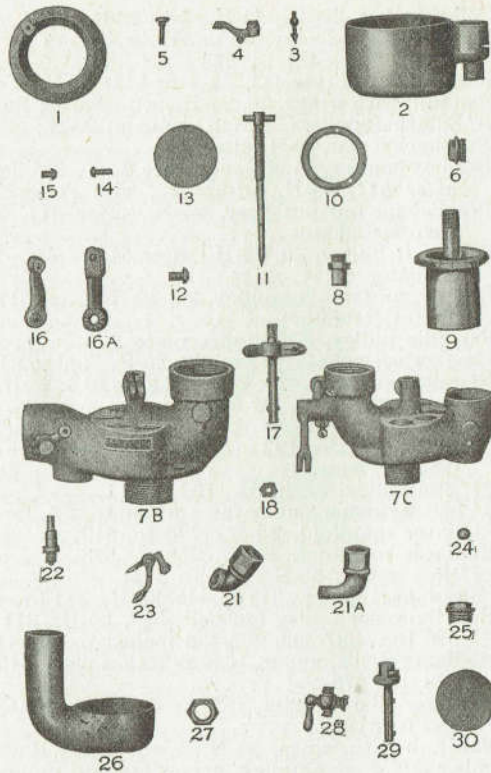
COOLING SYSTEM OIL-GAS TRACTOR—Continued

Cipher	Number		Price
Cabched	8045	Collar to fan, 22, 25, 35-H., 1 to 288	25
Cabochon	8046	Fan bracket, 25-H., 445 to 512. Not on engine 490, 491, 493-501 Inc., 35-H., 481 to 573	1 75
Caddow	8117	Radiator head ring, 22, 25, 1 to 512, 35-H., 1 to 573	30
Cadential	8122	Fan hub with wings, 20, 25-H., with Perfex Radiator, after 511	4 00
Caffeidine	8144	8" Side shaft pulley drive fan or pump, 20-H., after 435	1 75
Cahoot	8159	Fan bracket rear, 20-H., after 435	3 00
Cahow	8162	Fan box housing, \$1.00, outer race \$2.00, 7 rollers \$5.00, 20 and 25-H., after 511, 35-H., after 572, with Perfex Radiator	8 00
Calamarian	8192	Bracket for fan box rear, 25-H., after 511, 35-H., after 572, with Perfex Radiator	1 75
Cambrian	8325	Fan shaft pulley, 20, 25-H., after 511, 35-H., after 572, with Perfex Radiator	2 00
Cambrie	8326	Bracket for fan idler pulley, 20, 25-H., after 511, 35-H., after 572, with Perfex Radiator	2 00
Camery	8340	Fan idle pulley, 8361 takes place	
Campestral	8368	Bracket with shaft for fan, 22, 25-H., 192 to 311, 35-H., 226 to 288	3 25
Cananee	8390	Radiator elbow, lower, 25-H., 226 to 512, 35-H., 226 to 393	1 50
Caniculture	8438	Idle pulley bracket, for fan and pump, 22, 25, 35-H., 152 to 311	1 75
Cannikin	8457	Radiator elbow, upper, $\frac{3}{4}$ ", 1", $1\frac{1}{2}$ " pipe thread, 22, 25, 35-H., 192 to 323, $1\frac{1}{2}$ " bore, 192 to 573 (8707 takes place of $\frac{3}{4}$ " bore, 8706 takes place 1" bore)	2 00
Cannoid	8461	$2\frac{3}{4}$ " fan pulley, 22, 25-H., 192 to 311	2 00
Cannula	8464	3" belt tightener pulley fan and pump, 22, 25, 35-H., 192 to 311	1 50
Canonicals	8473	Radiator manifold, 25-H., 226 to 512	6 00
Canonize	8476	Radiator manifold, 35-H., 226 to 573	7 00
Cantab	8482	$2\frac{3}{4}$ " fan pulley, 35-H., 226 to 311	3 00
Capparis	8578	Fan bracket, 25-H., 311 to 445, 35-H., 311 to part year 1918	1 50
Capreol	8584	Belt tightener pulley fan belt, $5\frac{1}{2}$ ", 25-H., 311 to 419, 35-H., 311 to 395 Inc., 397-399, 402-406 inclusive, 409-412-415	2 00
Cariacou	8706	Radiator elbow, upper, 1" bore (takes place 8457 with 1" bore) 35-H., 373 to 573	2 00
Cariama	8707	Radiator elbow, upper, $\frac{3}{4}$ " bore (takes place 8457 with $\frac{3}{4}$ " bore) 25-H., 192 to 512	2 00
Carmelet	8741	Fan hub with wings, 35-H., with Perfex Radiator, after 572	4 00
Carmelite	8742	Side shaft double pulley, drives fan and pump, 35-H., after 572	5 00
Classific		Fan, fan wings, 1 No. 8368, 1 No. 8461, 1 No. 8045 with set screw, 1 No. 8438, 1 No. 8464, oil cup, one $\frac{1}{4}$ " pipe for 8368, 1 spring, complete, 22, 25-H., 101 to 325	12 50
Clavarel		Fan, fan wings, 1 No. 8045, 1 No. 8483, 1 No. 8464, 1 No. 8368, 1 No. 8482, 1 oil pipe, 1 oil cup, 1 spring complete, 35-H., 101 to 325	15 50
Cilicium		Fan wings only, 16", 35-H., 225 to 325, 22, 25-H., 192 to 325	4 00
Clausile		Fan wings, $24\frac{1}{2}$ ", with pulley, shaft, cones, ball bearing, 25, (not on 490-491 Inc., 493-501 Inc.) 324 to 512, 35-H., 324 to 573	20 00
Citrit		Packing ring to radiator head	05
Circuitous		Radiator pan, $34\frac{1}{2} \times 58\frac{1}{2}$ ", 35-H.	9 00
Circuitry		Radiator pan, $32 \times 43\frac{1}{2}$ ", 22, 25-H.	7 50
Cigar		Radiator, galvanized side, 35-H., 1 to 226	3 50
Clascist		Radiator, galvanized side with rear end (give number of pans), 35-H.	10 00
Cilery		Radiator, galvanized side, 22, 25-H., 1 to 226	3 00
Classicize		Radiator, galvanized side, with rear end (give number of pans), 22 25-H., 226 to 512	9 00

CARBURETOR

Circulative	2"	Carburetor complete with water valve, 20-H. G., Since 1918	25 00
Clean	$2\frac{1}{2}$ "	Carburetor complete with water valve, 22, 25-H. G., Since 1911	30 00
Circulator	3"	Carburetor complete with water valve, 35-H. G., Since 1911	50 00
1-C-2-2 $\frac{1}{2}$		Float, 20, 25-H. G.	2 00
1-C-3		Float, 35-H. G.	2 25
2-C-2-2 $\frac{1}{2}$		Float chamber, 20, 25-H. G.	10 00
2-C-3		Float chamber, 35-H. G.	12 00
3-C-2-2 $\frac{1}{2}$		Float valve, 20, 25-H. G.	75
3-C-3		Float valve, 35-H. G.	75
4-C-2-2 $\frac{1}{2}$		Float valve lever, 20, 25-H. G.	75
4-C-3		Float valve lever, 35-H. G.	75
5-C-2-2 $\frac{1}{2}$		Float valve lever shaft, 20, 25-H. G.	50
5-C-3		Float valve lever shaft, 35-H. G.	50
6-C-2-2 $\frac{1}{2}$		Float valve cap, 20, 25-H. G.	50
6-C-3		Float valve cap, 35-H. G.	50
7-A-2		Mixing chamber, 20-H. G.	10 00
7-A-2 $\frac{1}{2}$		Mixing chamber, 25-H. G.	11 00

CARBURETOR—Continued



Cipher

Number

Price

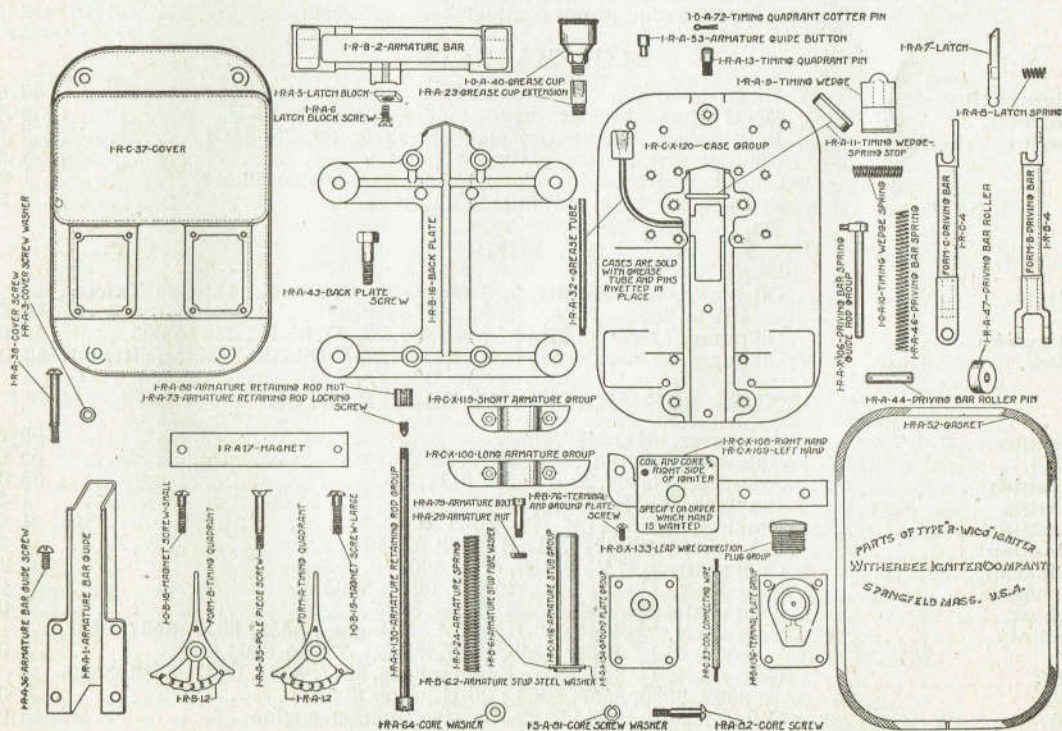
7-A-3	Mixing chamber, 35-H. G.....	21 00
8-C-2-2½	Spray nozzle, 20, 25-H. G.....	50
8-C-3	Spray nozzle, 35-H.G.....	75
9-C-2-2½	Center member, 20, 25-H. G.....	4 00
9-C-3	Center member, 35-H. G.....	5 00
10-C-2-2½	Copper gasket, 20, 25-H.G.....	30
10-C-3	Copper gasket, 35-H. G.....	40
11-C-2	Needle valve, 20-H. G.....	75
11-C-2½	Needle valve, 25-H. G.....	75
11-C-3	Needle valve, 35-H. G.....	1 00
12-C-2-2½-3	Needle valve lock screw, 20, 25, 35-H. G.....	10
13-C-2	Throttle gate, 20-H. G.....	50
13-C-2½	Throttle gate, 25-H.G.....	50
13-C-3	Throttle gate, 35-H. G.....	75
14-C-2-2½	Throttle valve gate stop screw, 20, 25-H. G.....	10
14-C-3	Throttle valve gate stop screw, 35-H. G.....	10
15-C-2-2½	Throttle gate lock screw, 20, 25-H. G.....	10
15-C-3	Throttle gate lock screw, 35-H. G.....	10
16-C-2-2½-3	Throttle lever, 20, 25, 35-H.G.....	50
17-C-2	Throttle stop, stem and screw, 20-H. G.....	1 00
17-C-2½	Throttle stop, stem and screw, 25 H. G.....	1 00
17-C-3	Throttle stop, stem and screw, 35-H. G.....	1 25
18-C-2-2½	Throttle lever lock nut, 20, 25-H. G.....	15
18-C-3	Throttle lever lock nut, 35-H. G.....	20
21-C-2-2½	Fuel intake elbow assembly, 20, 25-H. G.....	75
21-C-3	Fuel intake elbow assembly, 35-H. G.....	1 25
22-C-2-2½-3	Primer, 20, 25, 35-H. G.....	35
23-C-2-2½-3	Primer lever, 20, 25, 35-H. G.....	25
24-C-2	Bronze ball, 20-H. G.....	50
24-C-2½	Bronze ball, 25-H. G.....	50
24-C-3	Bronze ball, 35-H. G.....	75
25-C-2	Retainer cap for balls, 20-H. G.....	60
25-C-2½	Retainer cap for balls, 25-H. G.....	60
25-C-3	Retainer cap for balls, 35-H. G.....	1 00
26-C-2	Constant air supply connection, 20-H. G.....	4 50

CARBURETOR—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
	26-C-2 $\frac{1}{2}$	Constant air supply connection, 25-H. G.	4 50
	26-C-3	Constant air supply connection, 35-H. G.	6 50
	27-C-2-2 $\frac{1}{2}$	Constant air supply connection lock nut, 20, 25-H. G.	25
	27-C-3	Constant air supply connection lock nut, 35-H. G.	40
	28-C-2-2 $\frac{1}{2}$ -3	Drain cock, 20, 25, 35-H. G.	40
	29-C-2	Choke throttle lever and stem, 20-H. G.	1 25
	29-C-2 $\frac{1}{2}$	Choke throttle lever and stem, 25-H. G.	1 25
	29-C-3	Choke throttle lever and stem 35-H.G.	1 75
	30-C-2	Choke throttle gate, 20-H. G.	30
	30-C-2 $\frac{1}{2}$	Choke throttle gate, 25-H. G.	30
	30-C-3	Choke throttle gate, 35-H. G.	50
	40-C	Water valve to carburetor complete, 20, 22, 25, 35-H. G. Since 1911	3 00
	41-C	Needle valve inside, 20, 22, 25, 35, H. G. Since 1911	75
	42-C	Nut, 20, 22, 25, 35-H. G. Since 1911	50
	43-C	Jam nut, 20, 22, 25, 35-H. G. Since 1911	25
	44-C	Connecting nut, 20, 22, 25, 35-H. G. Since 1913	25
	45-C	Lever, 20, 22, 25, 35-H. G. Since 1913	25
	46-C	Thumb screw outside to needle valve, 20, 22, 25, 35-H. G. Since 1913	75
	48-C	Lever, 20, 22, 25, 35-H. G. 1912, 1914	25
	49-C	Connecting nut, 20, 22, 25, 35-H. G. 1912, 1914	25
<i>Cinch</i>		Copper feed pipe, $\frac{3}{8}$ " O. S. D., 22, 25, 35-H., since 1911, per foot	20
		Brass pipe coupling, $\frac{1}{4}$ " straight, for $\frac{3}{8}$ " O. S. D., 22, 25, 35-H., since 1911	25

WICO IGNITOR

Wico Igniter	60 00
1-RA-1... Armature bar guide	60
1-RB-2... Armature bar	2 75
1-RA-3... Cover screw washer	05
1-RB-4... Driving bar	2 25
1-RA-5... Latch block	50
1-RA-6... Latch block screw	10
1-RA-7... Latch	2 25
1-RA-8... Latch spring	15
1-RA-9... Timing wedge	1 50



		WICO IGNITER—Continued	Price
Cipher	Number		
	1-OA-10...	Timing wedge spring.....	15
	1-RA-11...	Timing wedge spring stop.....	15
	1-RB-12...	Timing wedge quadrant.....	65
	1-RA-13...	Timing wedge quadrant pin.....	25
	1-RA-14...	Pole piece base.....	40
	1-RB-16...	Back plate.....	2 50
	1-RA-17...	Magnet (set of 2).....	1 50
	1-OB-18...	Magnet screw (small).....	10
	1-OB-19...	Magnet screw (large).....	10
	1-RA-23...	Grease cup extension.....	25
	1-RD-24...	Armature spring.....	70
	1-RC-33...	Coil connecting wire.....	25
	1-RA-35...	Pole piece screw.....	15
	1-RA-36...	Arm bar guide screw.....	10
	1-RA-38...	Cover screw.....	10
	1-OA-40...	Grease cup.....	50
	1-RA-41...	Case dowel pin.....	10
	1-RA-43...	Back plate screw.....	15
	1-RA-44...	Driving bar roller pin.....	25
	1-RA-45...	Head armature retaining rod.....	15
	1-RA-46...	Driving bar spring.....	15
	1-RA-47...	Driving bar roller.....	30
	1-RA-50...	Armature stud inside washer.....	15
	1-RA-53...	Armature guide button.....	10
	1-RA-55...	Armature stud cup washer.....	25
	1-RA-56...	Armature return spring cap.....	50
	1-RA-58...	Pole piece.....	25
	1-RA-59...	Pole piece.....	25
	1-RB-61...	Armature stud fibre washer.....	10
	1-RB-62...	Armature stud steel washer.....	10
	1-RA-63...	Driving bar spring guide rod.....	60
	1-RA-68...	Driving bar spring guide head.....	25
	1-RA-76...	Screw for terminal and ground plates.....	10
	1-RA-79...	Armature bolt.....	10
	1-RA-81...	Core screw lock washer.....	10
	1-RA-82...	Core screw.....	10
	1-RA-85...	Armature retaining rod.....	35
	1-RA-88...	Nut for armature retaining rod.....	15
	1-RCX-116	Armature stud group complete.....	2 50

DIXIE MAGNETO

		Dixie Magneto, 20, 25, 35-H.....	60 00
Clementine		Bevel wheel, 30 cogs, drives magneto, 20, 25, 35-H.....	3 50
Carlock	8738	Bevel wheel, 15 cogs, on magneto shaft, 20, 25, 35-H.....	3 00
Carlot	8739	Contact screw with platinum point.....	3 25
		Coupling with cone, collars, washer and nut complete.....	1 90
		Breaker bar with platinum point.....	4 50

OIL PUMP

Citole		Oil pump, Madison-Kipp, 9 feeds, 22, 25, 35-H., Oil-Gas Tractor, 101 to 288.....	50 00
Claudian		Oil pump, Madison-Kipp, 7 feeds, 20, 22, 25, 35-H., 288 to 603.....	40 00
Clew		Oil pump, Manzel, seven pints, 20, 25, 35-H Oil Gas Tractor, after 602.....	50 00

AXLES AND SHAFTS OIL-GAS TRACTOR

Cibation		Axle, rear, 5½x124½", 35-H.....	90 00
Cibol		Axle rear, 4½x108", 22, 25-H.....	55 00
Cleanish		Axle, rear, 4"x86", 20-H., after 511.....	35 00
Cicatrix		Brake shaft, 1½x16½", 35-H.....	1 50
Cieatrise		Brake shaft, 1½x12", 22, 25-H.....	1 00
Claudent		Cam shaft, 2x46⅝", 35-H., 288 to 8604.....	5 00
Clicking		Cam shaft, 2x47⅜", 35-H., after 8603.....	5 00
Claudetite		Cam shaft, 1½x40½", 22, 25-H., 288 to 8605.....	3 00
Client		Cam shaft, 1½x41½", 25-H., after 8604.....	3 00
Cleanly		Cam shaft, 1½x43½", 20-H., (Not on Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 512 to 8604.....	3 00
Cliff		Cam shaft, 1½x41½", (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 20-H., after 8063.....	3 00
Cid		Countershaft, 5x71¼", 35-H., give number engine.....	45 00

AXLES AND SHAFTS OIL-GAS TRACTOR—Continued

<i>Cipher</i>	<i>Number</i>	<i>Price</i>
Cidaris	Countershaft, 4x6 $\frac{1}{2}$ " , 22, 25-H	30 00
Cleanse	Counter shaft, 3x5 $\frac{1}{2}$ " , 20-H, after 511	10 00
Cidarite	Crank shaft, 4 $\frac{1}{2}$ -4 $\frac{1}{2}$ x96" , with counterbalances 35-H	240 00
Cider	Crank shaft, 3 $\frac{1}{2}$ -4x85" , with counterbalances 22, 25-H	207 00
Cleansing	Crank shaft, 3 $\frac{1}{2}$ x3 $\frac{1}{2}$ x72" without counterbalance, 20-H., (Not on Eng. 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 512 to 8604	150 00
Climatic	Crank shaft 3 $\frac{1}{2}$ x3 $\frac{1}{2}$ x72" without counterbalances, (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 20-H, after 8603	150 00
Cleap	Fan shaft, 1x38" , 20-H., after 511	1 75
Cleared	Fan shaft, 1x52" , 25-H., after 489	2 25
Clench	Fan shaft, 1x65 $\frac{1}{2}$ " , 35-H., after 572	2 75
Cimbia	Lever shaft, 2x47 $\frac{1}{2}$ " , 35-H.	5 00
Cimbrian	Lever shaft, 2x41 $\frac{1}{2}$ " , 22, 25-H.	4 50
Cimeter	Pulley brake shaft, 1 $\frac{1}{2}$ x20" , 35-H.	1 75
Cimex	Pulley brake shaft, 1 $\frac{1}{2}$ x14" , 22, 25-H.	1 25
Clearage	Reverse shaft, 3x34" , 20-H., after 511	7 00
Cimmerian	Reverse shaft, 3 $\frac{1}{2}$ x61 $\frac{1}{2}$ " , 35-H	15 00
Cimolite	Reverse shaft, 2 $\frac{1}{2}$ x49" , 22, 25-H.	8 00
Clearance	Reverse shifter shaft, 1x34" , 20-H., after 511	1 50
Cincinnati	Side shaft, 1 $\frac{1}{2}$ x57" , 35-H.	4 00
Cincinnati	Side shaft, 1 $\frac{1}{2}$ x48 $\frac{1}{2}$ " , 22, 25-H.	3 50
Cincture	Steering shaft, front end, 2 $\frac{1}{2}$ x23 $\frac{1}{2}$ " , 35-H.	3 50
Cinder	Steering shaft, front end, 2x23 $\frac{1}{2}$ " , 22, 25-H.	2 50

PINS OIL-GAS TRACTOR

Cinereal	Axle pin, 1 $\frac{1}{2}$ x10 $\frac{1}{2}$ " , 35-H.	1 00
Cinereous	Axle pin, 1 $\frac{1}{2}$ x9" , 22, 25-H.	1 00
Clarifier	Belt tightener pin, governor and magneto, $\frac{1}{2}$ x4 $\frac{1}{2}$ " , 22, 25-H., 192-419, 35-H., 192-416	75
Clepsine	Belt tightener pin to fan bracket, $\frac{3}{4}$ x1x5 $\frac{1}{2}$ " , 20, 25-H., after 511, 35-H., after 571	1 25
Clavula	Belt tightener pin to fan bracket, $\frac{1}{8}$ x1 $\frac{1}{4}$ x3 $\frac{3}{4}$ " , 25-H., 419 to 512, 35-H., 416 to 573	1 00
Clavola	Belt tightener pin to fan lever, 8025, $\frac{5}{8}$ x $\frac{3}{4}$ x2 $\frac{5}{8}$ " , 25-H., 419 to 512, 35-H., 416 to 573	75
Clencher	Belt tightener pin for governor, $\frac{3}{4}$ x1x4 $\frac{1}{4}$ " , 20, 25, 35-H., after 417	1 25
Claret	Belt tightener pin, fan and pump, $\frac{1}{2}$ x5 $\frac{1}{2}$ " , 22, 25-H., 192-419 35-H., 192-416	75
Clavulina	Bracket pump belt tightener pin 1x1 $\frac{1}{4}$ x6 $\frac{1}{2}$ " , 20, 25-H, after 418, 35-H., after 415	1 25
Clavis	Cam roller pin, 1x2 $\frac{1}{2}$ " , for inlet, 20, 25, 35-H., after 1	50
Claviform	Cam roller pin, 1x1 $\frac{1}{2}$ x4 $\frac{1}{2}$ " , for exhaust, 20, 25, 35-H., after 402	75
Classifier	Cam roller pin, 1x3 $\frac{1}{2}$ " , for exhaust, 22, 25, 35-H., 1 to 403	50
Classify	Traction Clutch toggle pin, $\frac{1}{2}$ x3 $\frac{1}{2}$ " , 20, 25, 35-H., after 225	25
Cleaner	Differential pin, 1x5 $\frac{1}{2}$ " , 20-H., (Not on Eng. 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563) 512 to 8603	50
Click	Differential pin, 1x5 $\frac{1}{16}$ " (On Engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 20-H., after 8602	50
Ciliation	Differential pin, 1 $\frac{1}{2}$ x9 $\frac{1}{2}$ " 22, 25-H., after 1	1 25
Referee	Differential pin, 1 $\frac{1}{2}$ x9 $\frac{1}{2}$ " , 35-H., after 1	1 25
Cipolin	Pulley clutch pin, 1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x10" , 35-H	1 75
Cippus	Pulley clutch pin, 1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x7 $\frac{1}{2}$ " , 22, 25-H., 1 to 8604	1 75
Climate	Pulley clutch hub and sleeve pin 1x7 $\frac{1}{2}$ " , 20-H., 573 to 8604	1 00
Tetrical	Pulley clutch pin for shoe, $\frac{1}{2}$ x3 $\frac{1}{2}$ " , 20-H., (Not on Eng. 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 512 to 8604	25
Tewel	Pulley clutch pin to spider $\frac{1}{2}$ x5 $\frac{1}{2}$ " , 20-H., (Not on Eng. 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 512 to 8604	25
Testator	Pulley clutch eye bolt $\frac{1}{2}$ x6" , (Not on engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 20-H., 512 to 8604	50
Clicker	Pulley clutch pin, $\frac{1}{2}$ x2" , (On engines 8558, 8517, 8534, 8557, 8570, 8529, 8562, 8559, 8567, 8563,) 20, 25-H, after 8603	25
Clearing	Piston pin 2 $\frac{3}{8}$ x7 $\frac{1}{2}$ " , 20-H (for piston 8794), after 511	6 00
Cincensian	Piston pin, 3 $\frac{1}{8}$ x3x2 $\frac{1}{8}$ x7 $\frac{1}{2}$ " , 22-H., for piston No. 8265	3 00
Clavate	Piston pin, 3x7 $\frac{1}{2}$ " , 22-H., for piston No. 8708	6 00
Clavation	Piston pin, 3 $\frac{1}{8}$ x3x2 $\frac{1}{8}$ x7 $\frac{1}{2}$ " , 25-H., for piston No. 8428	3 00
Clave	Piston pin, 3 $\frac{1}{2}$ x7 $\frac{1}{2}$ " , 25-H., for pistons Nos. 8472-8537-8687	7 00
Clarinet	Piston pin, 3 $\frac{1}{2}$ x7 $\frac{1}{2}$ " , 25-H., for piston No. 8710	7 00
Circean	Piston pin, 3 $\frac{1}{2}$ x3 $\frac{1}{2}$ x3 $\frac{1}{8}$ x9 $\frac{1}{2}$ " , 35-H., for piston No. 8301	3 50
Clavecin	Piston pin, 3 $\frac{1}{2}$ x9 $\frac{1}{2}$ " , 35-H., for pistons Nos. 8377-8572-8621-8684	8 00

PINS OIL-GAS TRACTOR—Continued

<i>Cipher</i>	<i>Number</i>		<i>Price</i>
Clarify		Piston pin, 3½x9¼", 35-H., for piston No. 8714	8 00
Cicely		Pin to fan bracket, ½x6", 22, 25-H., 192 to 226	50
Cicerone		Shifter ring pin, 1¼x3¼", 22, 25, 35-H., 1 to 472	75
Circine		Steering rack pin, 1¼x1¼x9", 22, 25, 35-H.	1 50
Circle		Valve rocker pin, 1¼x8½", 35-H.	50
Circuit		Valve rocker pin, 1x7", 22, 25H.	50
Clever		Valve rocker pin, 1x6½", 20-H., after 511	50

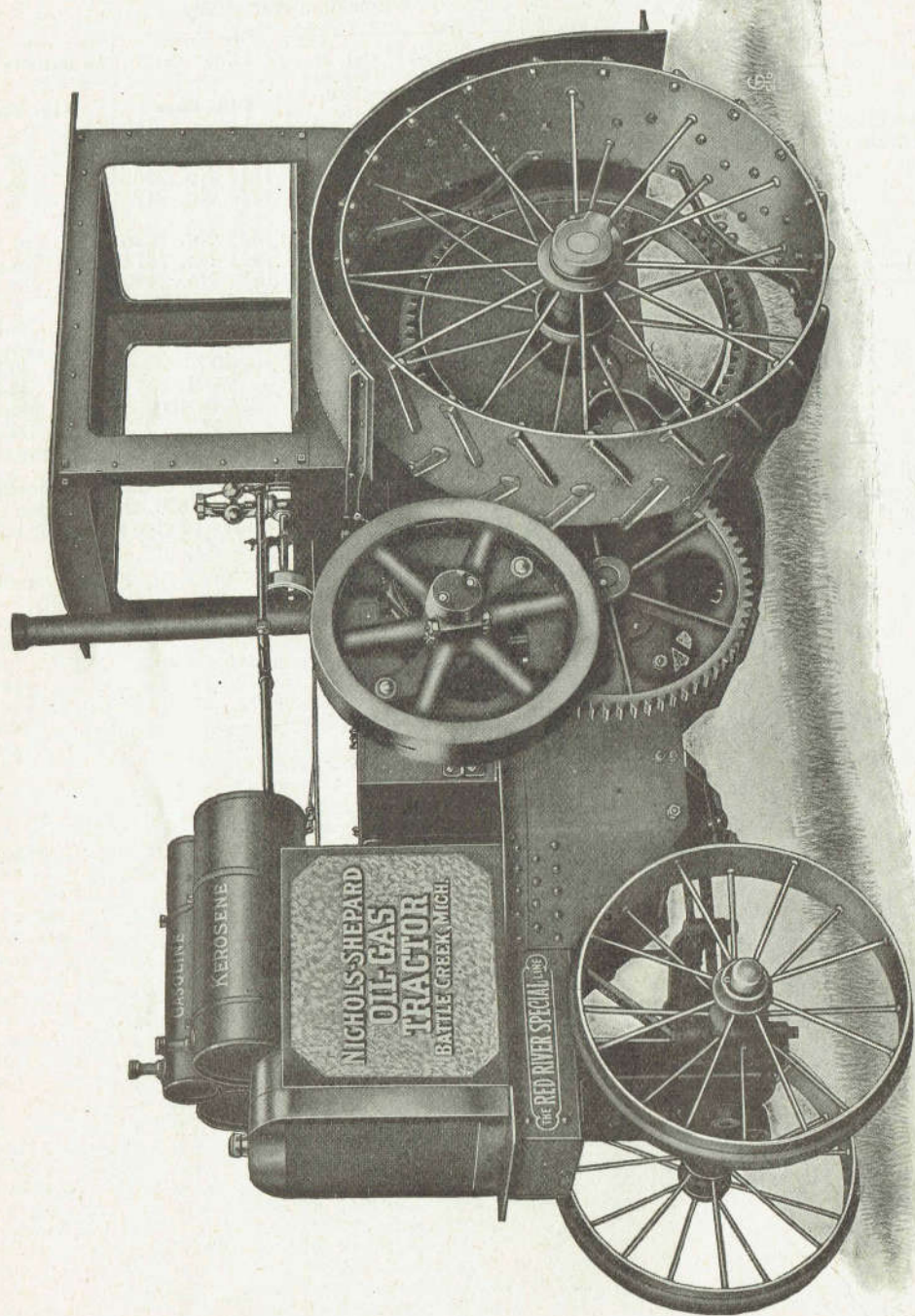
MISCELLANEOUS PARTS OIL-GAS TRACTOR

Clavus	Belt, governor, 2x6'10", 20-25-H., after 435	2 05
Claw	Belt, governor, 2x7'5", 25-H., 226 to 436	2 25
Clary	Belt, governor, 2"x8", 35-H., after 225	2 40
Clash	Belt, fan and pump, 2½"x9'6", 25-H., 192 to 419	4 25
Claved	Belt, fan and pump, 2½"x11'6", 35-H., 192 to 416	5 20
Clerk	Belt, pump, 2½"x5'3", 20-H., after 435	2 35
Clawker	Belt, pump, 2½"x6'7", 25-H., after 418	3 15
Clay	Belt, pump, 2½"x7'6", 35-H., after 415	3 35
Clergy	Belt, fan, 2½"x5'2", 20-H. (for Perfex Radiator), after 435	2 35
Clead	Belt, fan, 1½"x5'3", 25-H., 419 to 512 (for Pan Radiator)	1 30
Clerical	Belt, fan, 2½"x5'7", 25-H. (for Perfex Radiator), after 511	2 50
Cleaving	Belt, fan, 1½"x6'8", 35-H., (for Pan Radiator), 416 to 572	1 65
Clerisy	Belt, fan, 2½"x6", 35-H. (for Perfex Radiator), after 572	2 70
Circumvent	Cock to drain, ¼", No. 1	50
Cilician	Cock, the e way, ¼", No. 4300, after 1	2 00
Cirso	Clevis to draw bar, No. 1	2 00
Cisco	Funnel with strainer	1 00
Clevis	Lagging 2½"x7" for brake band, 20-H.	9 80
Claupt	Lagging 2½"x7'4", for brake band, 22, 25-H.	10 25
Clansman	Lagging 3 x7'8" for brake band, 35-H.	11 75
Clare	Lagging, 2 pieces, 4x12" pulley clutch shoe, 22, 25-H. 1 to 8604	4 00
Claval	Lagging, 2 pieces, 4x14" pulley clutch, 35-H.	4 70
Cleanness	Lagging, 2 pieces, 3x15" traction clutch shoe, 20-H.	4 00
Clava	Lagging, 2 pieces, 4x16" traction clutch shoe, 22, 25, 35-H.	5 30
Cleavage	Lagging, 1 piece, 3x7½" pulley brake, 20-H.	1 00
Clavigerous	Lagging, 1 piece, 4x10" pulley brake, 25-H.	1 65
Claviole	Lagging, 1 piece, 4x14" pulley brake, 35-H.	2 35
Climax	Lagging, 1 piece, 4x38" pulley clutch, 20-H., after 8603	6 30
Climb	Lagging, 1 piece, 4x44½", pulley clutch, 25-H., after 8603	7 40
Citied	Oil can	75
Citified	Oil cup with cock for priming ⅜", 25 H., 1 to 490. 35 H., after 1	1 25
Citizen	Oil grease cup, ¼", No. 1	10
Citizenship	Oil grease cup, ⅜", No. 2	15
Claustral	Packing to manifold, 1" thick, 20, 25, 35 H., after 1	75
Claut	Packing governor to manifold, ¼" thick	50
Claustration	Packing for cylinder to crank case, 22, 25, 35-H.	1 00
Claustrum	Packing for cylinder to water jacket, 22, 25-H., 1 to 490	1 25
Clausular	Packing for cylinder to water jacket, 35-H.	1 50
Citrine	Plug ¼", No. 1	15
Citron	Spark plug, ½" pipe thread	1 00
Civet	Spring to clutch shoe 2x2½	50
Cimicie	Spring for brake release. 1¼x6½", No. 13	1 25
Cimiss	Spring for belt tightener, 1x10", No. 12	1 00
Cleaver	Tank for gasoline, 6 gal., 7x34" round, 20-H.	5 00
Cleft	Tank for Kerosene, 25 gal., 14x34" round, 20-H.	10 00
Clem	Tank for water, 25 gal., 14x34" round, 20-H.	10 00
Clausure	Tank for water, 40 gal., 17"x41" round, 25-H., after 372	12 00
Cinclisis	Tank for kerosene, 40 gal., 17"x41" round, 25-H., after 191	12 00
Cinecrator	Tank for gasoline, 6 gal., 7"x41" round, 25-H., after 372	5 00
Claviceps	Tank for gasoline, 7 gal., 7"x47" round, 35-H., 367 to 573	5 00
Clavichord	Tank for kerosene, 46 gal., 17"x47" round, 35-H., 367 to 573	14 00
Clausule	Tank for water, 46 gal., 17"x47" round, 35-H., 367 to 573	14 00
Clatter	Tank for gasoline, 6 gal., 7x41" round, 35-H., after 572	5 00
Clavicle	Tank for water, 40 gal., 17x41" round, 35-H., after 572	12 00
Cathroid	Tank for kerosene, 40 gal., 17x41" round, 35-H., after 572	12 00
Clamor	Wrench, 1x¾" jaws	60
Clamorous	Wrench, 1x¾" jaws	1 25
Clamp	Wrench, 1x¾" jaws	1 75
Clandestine	Wrench, 1x1¼" jaws	3 25

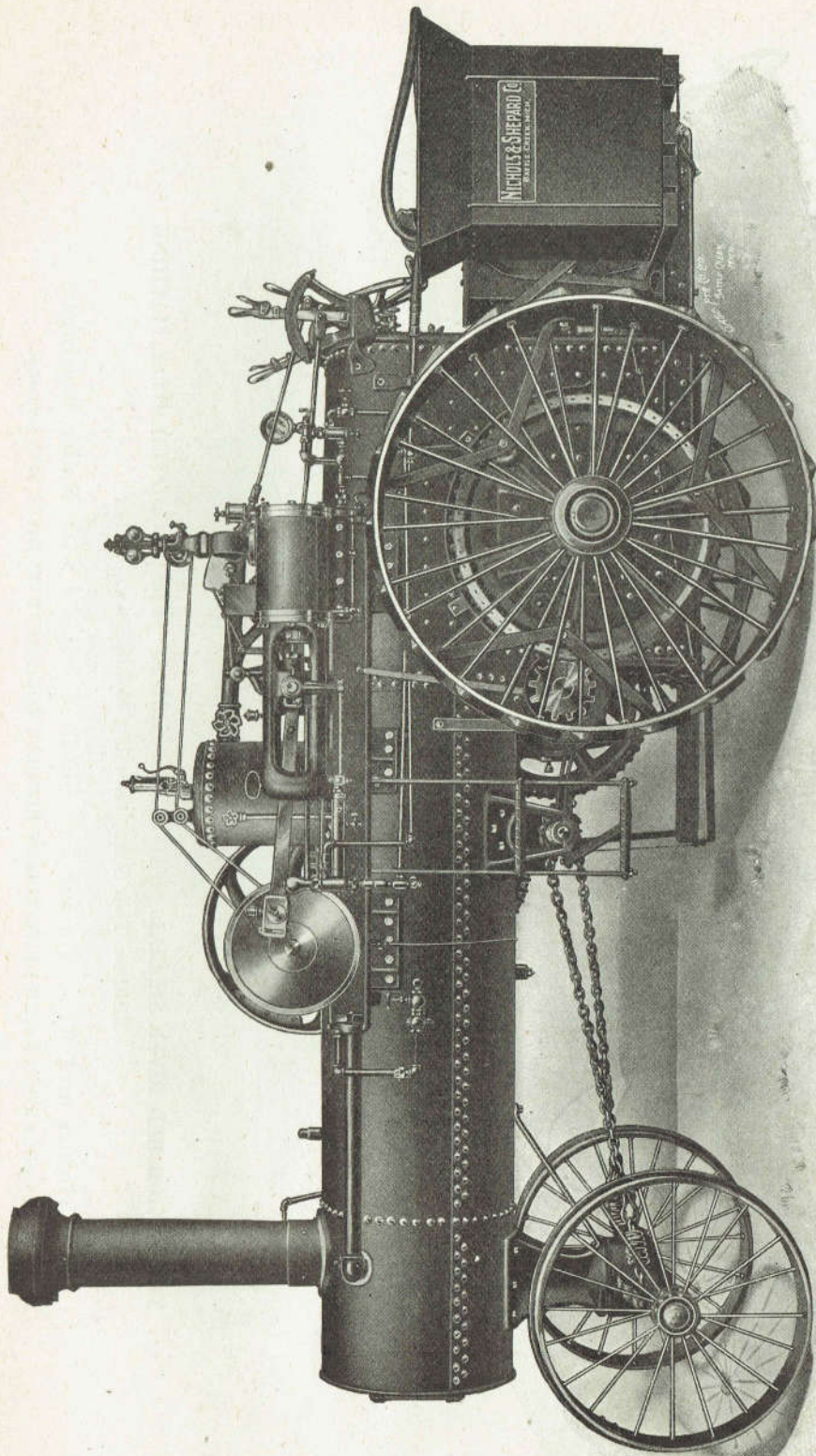
SPEED OF SEPARATORS				We Have the Following Diameter Cylinder Pulleys Smaller pulley will slip on belt and there is not room to use larger diameter pulley.			
	22-28" Cyl. Jr.	28-30" Cyl.	32-36-40-44" Cyl.	22-28" Cyl. Jr.	22-28" Cyl. Jr.	28-30" Cyl.	32-36-40-44" Cyl.
Cylinder average . . .	1065	825	850	1916 and Prev. 6½" No. F602	Since 1916 8 in. Face 6½" No. 3400	8 in. Face 9½" No. F460	9 in. Face 9½" No. F460
Shakers & grain pan.	160	160	160	7½" No. F415	7½" No. 3401	10½" No. 2982	10½" No. 2983
Beater	370	360	350	8½" No. F603	8½" No. 3402	11¼" No. 2595	11¼" No. 2596
Fan	610	610	600	9½" No. F604	9½" No. 3403	12" No. 2485	12" No. 2220
Shoe	255	250	245	1916 only 10½" No. 2338	10½" No. 3404	13" No. 3026	13" No. 3026
Self feeder	225	250	260	12" No. 3377	12" No. 3405	14" No. 2374	14" No. 2374
Wind stacker	760	770	780	13" No. 3373	13" No. 3406	15" No. 2480	15" No. 2480
				Steam Engine	16-H.	20-H.	25-H.
				Average Speed	225	225	225
				Diameter belt pulley	40"	40"	40"
				Oil Gas Tractor	20-H.	25-H.	35-H.
				Average Speed	450 to 500	375 to 400	300
				Diameter Belt Pulley	22"	24"	30"

To find the right size cylinder pulley to match different engines, multiply diameter in inches of engine belt pulley by its average speed per minute and divide by 1065—825 or 850, the cylinder speed of separator it is to run will give the diameter in inches of cylinder drive pulley to give separator correct speed.

Unequaled as a Threshing Tractor



NICHOLS-SHEPARD OIL-GAS TRACTOR—20-42 H. P. SIZE
Also Built in 25-50 H. P. and 35-70 H. P. Sizes

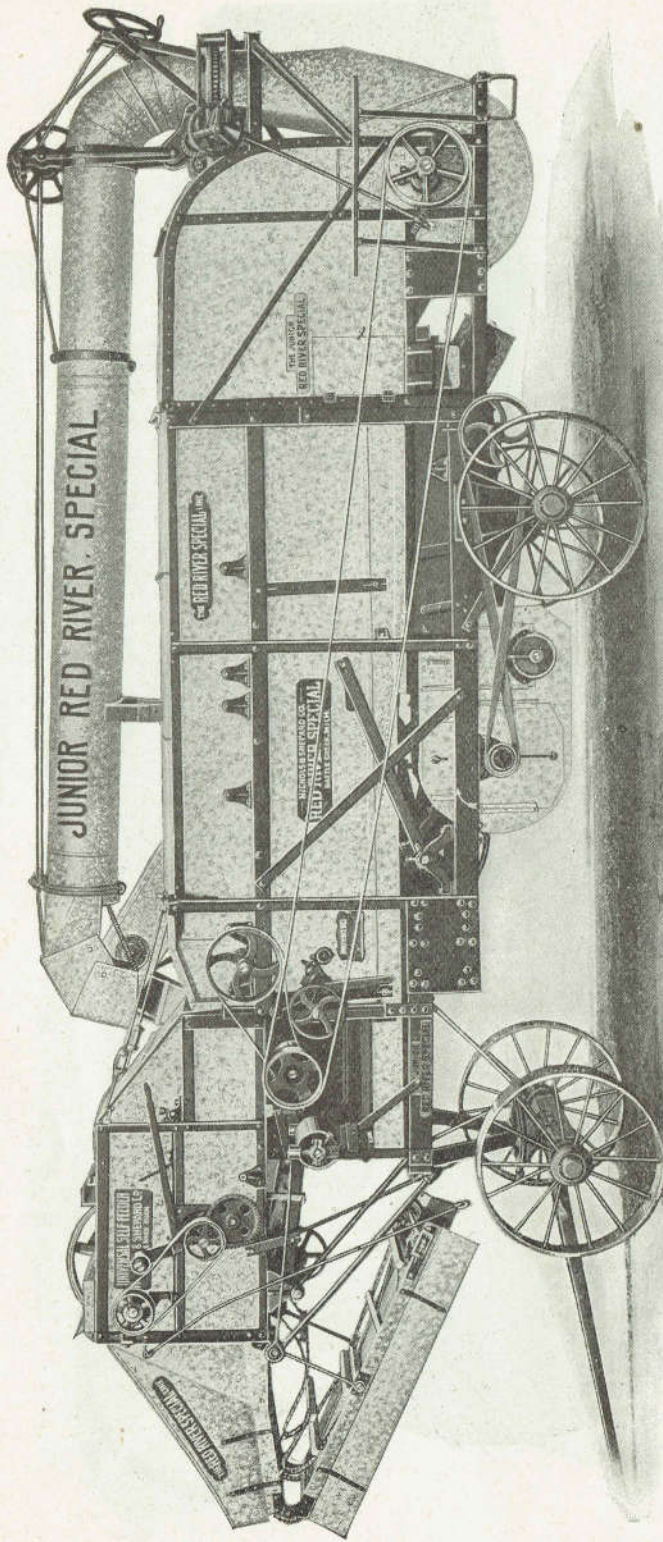


NICHOLS-SHEPARD SINGLE CYLINDER TRACTION ENGINE (Engine Side)

Built in Three Sizes: 16-50 H. P., 20-70 H. P. and 25-85 H. P.

20-70 H. P. and 25-85 H. P. Adapted to Coal, Wood or Straw.

THE THRESHER FOR THE SMALL TRACTOR



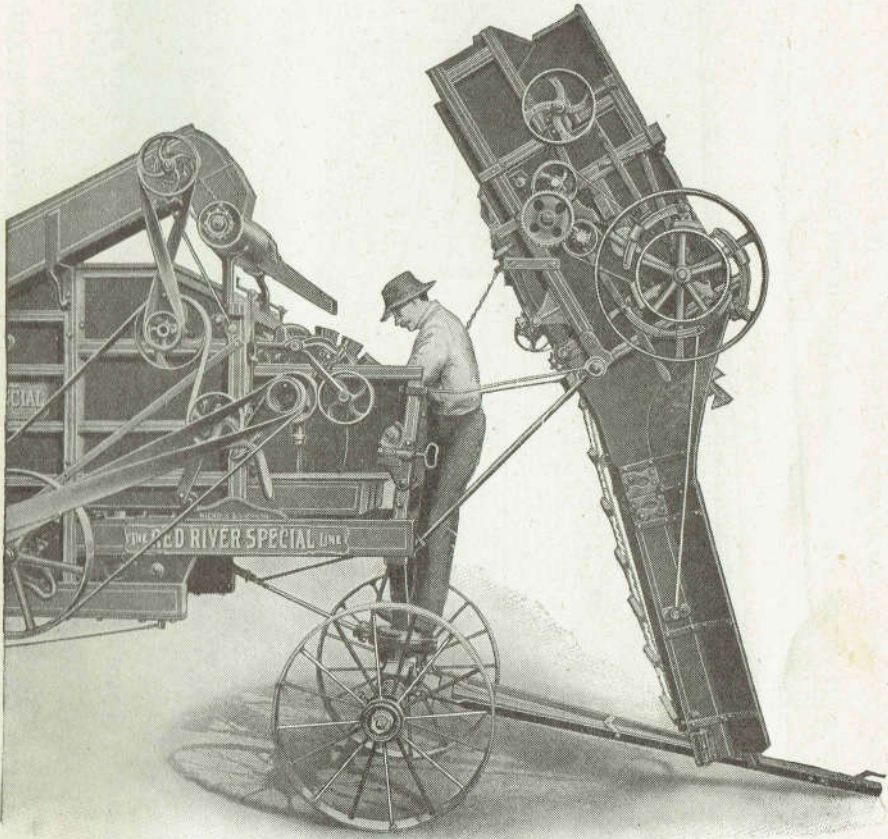
THE JUNIOR RED RIVER SPECIAL. DRIVE-BELT SIDE OF FULLY EQUIPPED STEEL MACHINE

Built in Two Sizes, viz.: 22 x 36 and 28 x 46 Steel

Cylinder and Wind Stacker Fan Shafts Equipped with Roller Bearings

ROCKWOOD PAPER DRIVE PULLEY REGULAR EQUIPMENT ON STEEL SEPARATORS

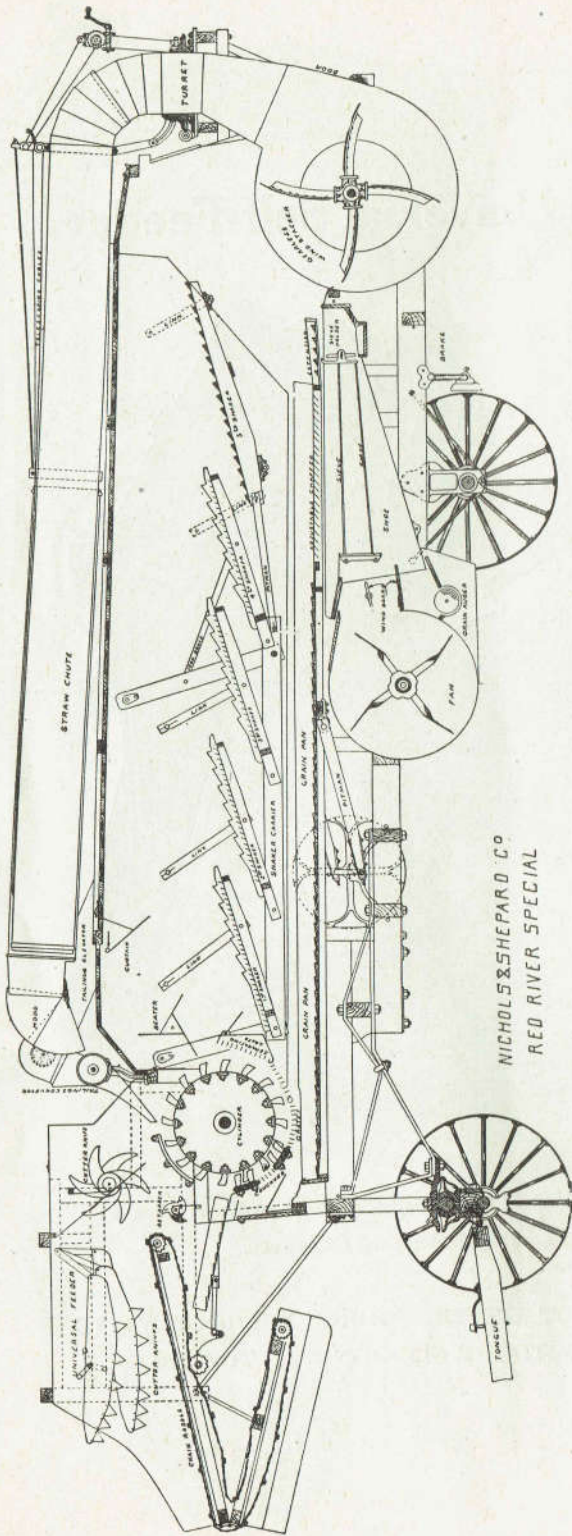
The Universal Self-Feeder



The Universal Self-Feeder Raised to Gain Access
to Cylinder and Concaves.

IT DOES NOT LITTER. WORKS WITHOUT WASTE.
FEEDS WITHOUT SLUGGING AT TOP SPEED.

IT SAVES THE FARMER'S THRESH BILL



THE RED RIVER SPECIAL

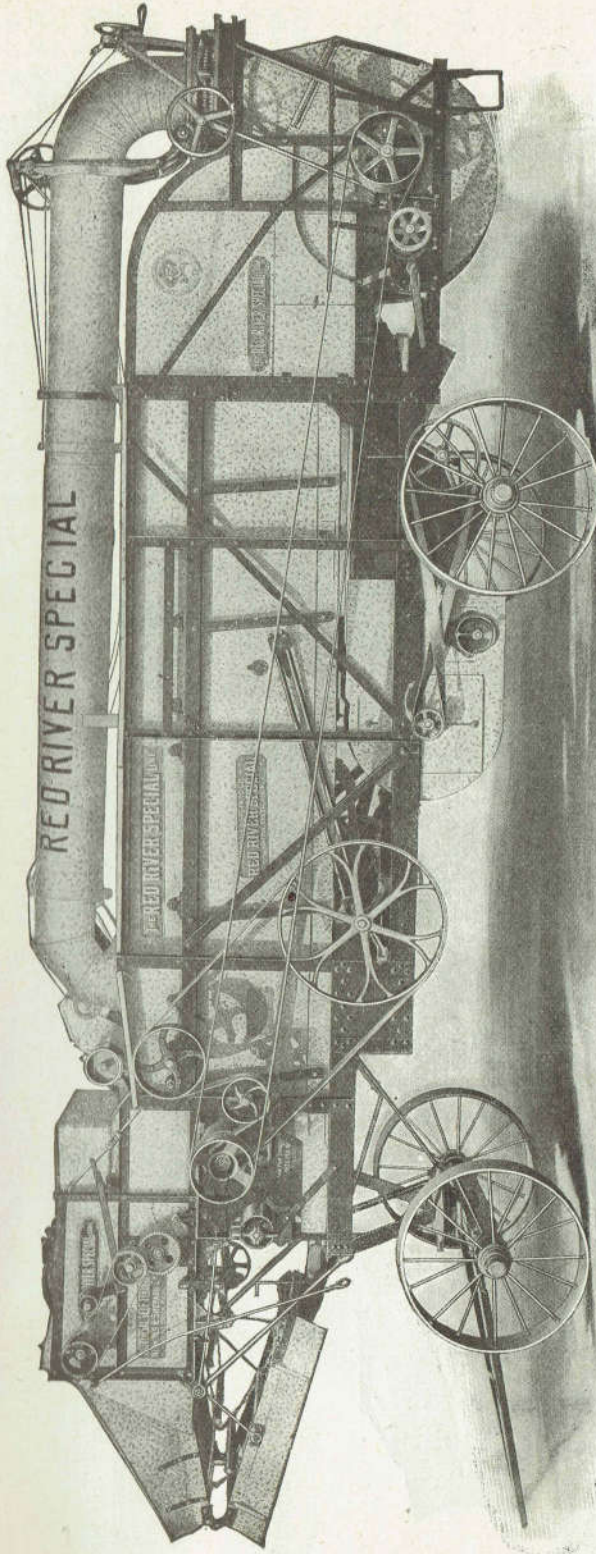
(Sectional View)

Look This Over Carefully. There's More, Faster and Better Grain Separation Done by This Plan Than by Any Other Yet Devised

CYLINDER AND WIND STACKER FAN SHAFTS EQUIPPED WITH ROLLER BEARINGS

The Steel Red River Special

IT SAVES THE FARMER'S THRESH BILL



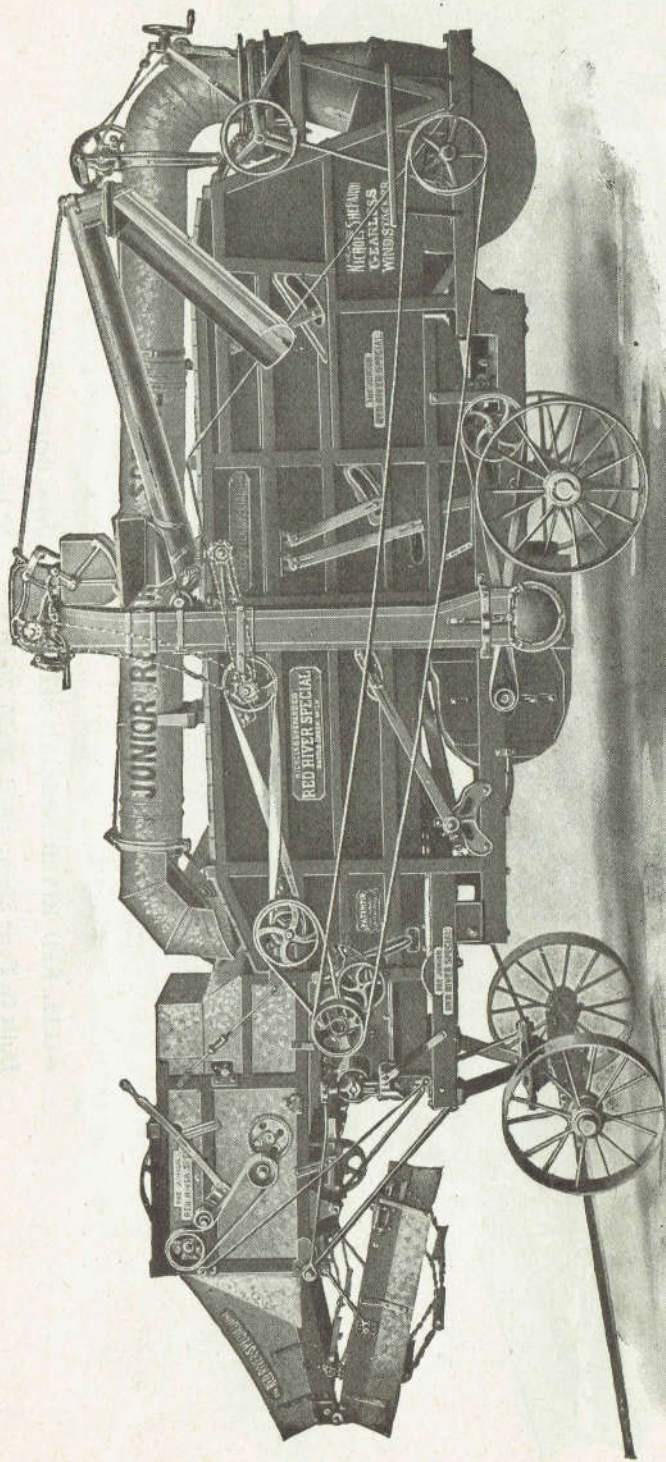
STEEL RED RIVER SPECIAL SEPARATOR (Drive Belt Side).

Built in Four Sizes: 30x52, 32x56, 36x56 and 36x60 Big Cylinder.

CYLINDER AND WIND STACKER FAN SHAFTS EQUIPPED WITH ROLLER BEARINGS

ROCKWOOD PAPER DRIVE PULLEY REGULAR EQUIPMENT ON STEEL SEPARATORS

The Junior Wood Red River Special---The Little Thresher Which Does Big Work



DRIVE-BELT SIDE OF FULLY EQUIPPED MACHINE

Built in One Size, viz: 22 x 36.

Can also be furnished with Hand-Feed Parts and Common Stacker.
CYLINDER AND WIND STACKER FAN SHAFTS EQUIPPED WITH ROLLER BEARINGS

Roller Bearing Equipment

SAVES IN POWER

At the points of hardest service—on the cylinder shaft and the wind stacker fan-shaft—all Red River Special separators are equipped with Roller Bearings.

These bearings have been thoroughly tried out on Red River Special machines in all the grain growing sections of the country and proved to be thoroughly reliable and successful.

The many advantages of this improved construction are well known to operators and owners of threshing machinery.

The biggest friction load on a separator occurs at these points. Roller Bearings reduce this friction load to the lowest possible point. This means a great saving in power over the machine equipped with ordinary babbitt boxes.

The Roller Bearings on Red River Special separators are practically self-oiling. There are no stops on account of hot boxes or for oiling up, which assures constant operation when every minute means money to the thresherman and farmer.

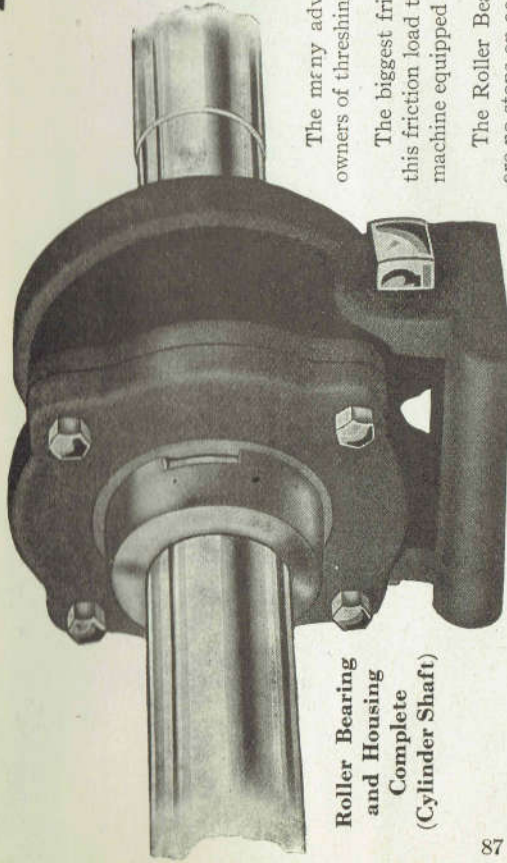
Roller Bearings make a much smoother and lighter running machine, and add to the general dependability of the threshing outfit.

The Roller Bearings used in Red River Special separators are trouble proof. They are self-aligning, simple, require no adjustment, and because they have a large capacity for retaining the lubricant they do not require constant oiling. They are so well constructed and made from such high quality materials that they last the lifetime of the threshing machine. There is no danger of the rollers cutting the shaft because they roll on a heat-treated

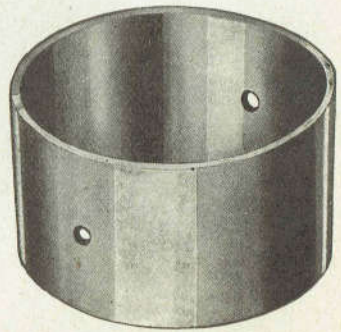
and hardened steel inner race.

Roller Bearings are just one of the many money-saving features found on Red River Special separators.

They make money for you by saving your time and power.



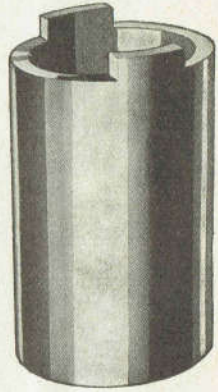
Roller Bearing and Housing Complete (Cylinder Shaft)



OUTER RACE

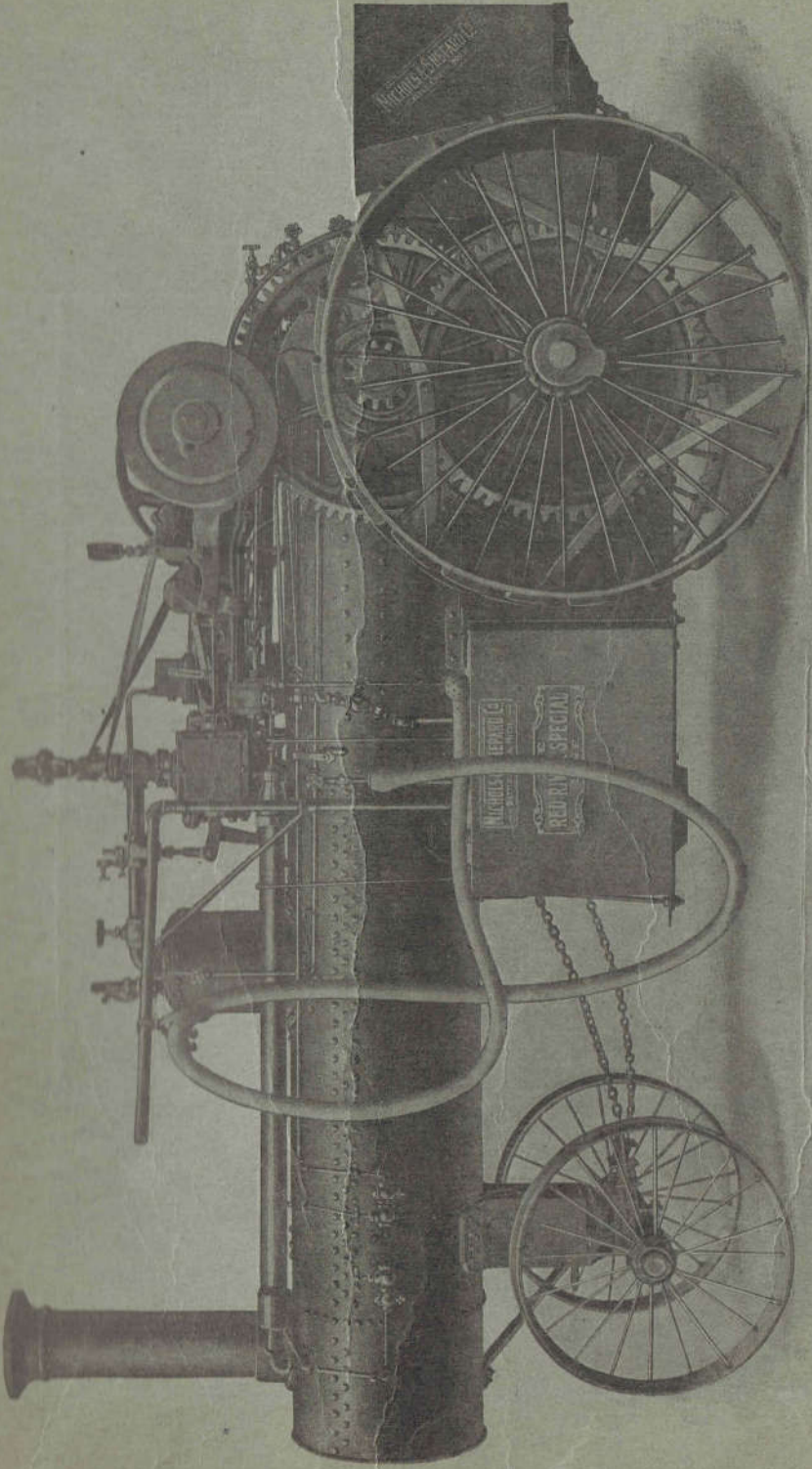


ROLLER BEARING



INNER RACE

ROYAL SOCIETY OF EDINBURGH



NICHOLS-SHEPARD REAR-MOUNTED PLOW ENGINE
Three Sizes—16-60 H. P., 20-75 H. P. and 25-90 H. P.

NICHOLS & SHEPARD COMPANY

Battle Creek, Michigan

BRANCH HOUSES

Where a Stock of Machinery, At-
tachments and Repairs is Carried

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