

1876.

EXTRAS CIRCULAR.

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DIRECT DRAFT EUREKA MOWER

Be Sure and Read the Following Directions for Setting up Mower

BEFORE YOU UNDERTAKE TO PUT IT TOGETHER.

1—Place drive wheels on machine having corresponding number, and each the side it is marked.

2—Have the number on knives and on finger bar correspond with number on Mower.

3—Take out *small pin*, located near rock shaft pin, on left shoe, remove bolt and plate from rear end of right shoe, put finger bar in place by sliding left shoe on left side arm, fastening the same by replacing *small pin*; connect right shoe and arm by bolt and plate, cut the thread on bolt to keep the nut from losing off.

4—Replace connecting rod and rock shaft.

5—Place hoisting gear on right side of platform, fastening it by a bolt in the platform and by draft bolt.

6—To put on guide rods: Place one end of long rods in axle caps on each side, place them toward the centre of machine, and spring forward end in point of shoe. Short rods go on under side of frame—each side—in the groove of front washers, the rods pointing toward the centre of axle. Loosen the nuts on bolts holding washers to place rods.

7—Place the V lead wheel on left shoe.

8—To put in knife, raise rock shaft by unscrewing nut on top; run the knife in through V in lead wheel, put thimble on knife shank and replace rock shaft.

9—Place oil can holder on pole in front of tool box, fasten with screws in rivet package.

10—Place the doubletree in the sliding hasp iron and banger, and then bolt tongue and banger iron firmly to tongue, with bolts in tool box; attach evener to doubletree with long draft rod; connect each end of evener to draft irons on frame and side arm with the chains. Each draft iron has several holes for graduating the lift on finger bar, to relieve the pressure on the ground; keep chains the proper length by taking up on upper hook; have sliding hasp iron move one inch ahead of back bolt when chains are tight—oil between sliding hasp iron and tongue iron.

11—See that all nuts are tight, particularly those on under side of frame, which should be looked after occasionally, and fastened, if necessary, by cutting thread on bolt with cold chisel.

12—Test the Mower by working the knife with thumb and finger on the pitman, the machine being out of gear. If right it will work easy; if there is a bind, find and remedy it.

13—In putting on track clearers, put the bolts from the inside out, and have head of bolt against track clearer, and screw from the head.

PREPARATION FOR MOWING.

1—FILL upper pitman head pocket with oil before starting, and oil frequently when mowing.

2—Oil every bearing before starting.

3—Oil under knife at starting.

4—Use sperm or lard oil; don't use "machinery oil" unless you wish to damage your machine—it is poor stuff.

5—Spread the horses wide apart, quite beyond the cut.

6—Take the inside reins out of the front or hame terrets, and lengthen them about *two feet*, with straps in tool box.

DIRECTIONS FOR MOWING.

1.—It is important to have the horses and driver accustomed to the Eureka before trying to mow. WE URGE in all cases that the horses be attached to the machine and driven back and forth in a good place, without cutting, until they drive well wide apart ENTIRELY OUTSIDE THE CUT, and turn handy, and until the driver becomes accustomed to reigning the horses, raising the cutter bar, and putting machine in and out of gear.

2.—Oil the thimble on the KNIFE HEAD, PITMAN HEADS, and CRANK BOXES, frequently.

3.—Mow head lands first for turning.

4.—Always mow back and forth.

5.—In turning at the end raise the bar.

6.—If the wind is blowing, go on the lee side to mow.

7.—Mow from the lower hill side.

8.—Always back when you try to raise the bar while in the grass.

9.—In raising over an obstruction keep your foot on the door, to allow the bar to return to the ground.

10.—Don't continue cutting when any obstructions are on the guards.

11.—In mowing, should the machine work hard, or there be any unnatural noise, STOP, and do not go on until the difficulty is discovered and remedied.

12.—When the grass gums the knife, pour some water occasionally upon it.

13.—In changing knives, clean knife bar and finger bar, keeping knife bar perfectly clean on the under side.

14.—Never leave the knife in the machine when through mowing.

15.—If the Eureka fails to cut a smoother swath than any other mower, it will be for one or two reasons—first, the horses are NOT SPREAD PROPERLY, or you are trying to cut wider than the length of finger bar, by running the lead wheel too close to the standing grass.

DIRECTIONS FOR STORING THE MACHINE.

Take off the pole and set Mower up on back rail in a dry place. Clean guards and bar, and cover the same with oil to prevent rust. If the bar is left on the ground it will be seriously injured by rust.

TOWANDA
Eureka Mower Company,
TOWANDA.
Bradford County, Pa.

EXTRAS LIST NO. 1.

Extra Parts for WILBER'S EUREKA MOWER, (wood frame,) built in 1875 and 1876.

No.		No.	
3	Whiffletree Clevis.....	80	15
4	Tongue Hook.....	30	
5	Neck Yoke Iron.....	25	
6	Neck Yoke Ring.....	15	
7	Neck Yoke Ring Staple.....	15	
8	Neck Yoke Ferule.....	10	
9	Oil Cup Cap.....	05	
10	Linch Pin.....	05	
11	Clutch Fork.....	10	
12	Whiffletree Hook.....	15	
13	Bar Hook.....	15	
16	Hoisting Stirrup and Chain.....	80	
19	Lower Pitman Head.....	1 20	
20	Clutch.....	75	
21	Side Arm Socket.....	50	
22	Right Side Arm.....	2 00	
23	Left Side Arm.....	2 00	
24	Right Draft Iron.....	30	
25	Left Draft Iron.....	50	
26	Axle.....	3 50	
27	Back Shaft.....	3 75	
28	Crank Shaft.....	2 00	
29	Crank Shaft, complete.....	4 00	
30	Finger Bar, drilled.....	7 00	
31	Finger Bar, complete.....	20 50	
32	Connecting Rod.....	1 00	
33	Knife, A size.....	6 00	
34	Knife, B and C size.....	5 50	
35	Knife Head.....	1 00	
36	Knife Holder.....	10	
37	Drive Wheel.....	10 00	
38	Right Shoe.....	2 50	
39	Left Shoe.....	3 25	
40	Shield.....	1 00	
41	Seat.....	1 00	
42	Large Gear Wheel.....	2 50	
43	Pinion.....	75	
44	Crank Balance, complete.....	1 50	
45	Right Ratchet Gear.....	1 00	
46	Left Ratchet Gear.....	1 00	
47	Right Pawl Holder.....	75	
48	Left Pawl Holder.....	75	
49	Right Pawl.....	05	
50	Left Pawl.....	05	
51	Hoisting Rig, complete.....	2 10	
52	Hoisting Lever Rod.....	75	
53	Hoisting Lever Chain Wheel.....	75	
54	Hoisting Lever Pawl.....	25	
55	Hoisting Lever Spring.....	05	
56	Right Axle Cap.....	30	
57	Left Axle Cap.....	30	
58	Back Box.....	75	
59	Right Tongue and Axle Strap.....	40	
60	Left Tongue and Axle Strap.....	40	
61	Lead Wheel.....	1 00	
62	Right Crank Shaft Box.....	1 25	
63	Left Crank Shaft Box.....	1 50	
64	Right Shoe Cap.....	15	
65	Shoe Steel, right and left.....	15	
66	Tool Box.....	1 25	
68	Axle Washer.....	05	
69	Shipper Rig, complete.....	1 00	
70	Crank Pin and Nut.....	50	
71	Rock Pin and Nuts.....	1 25	
72	Knife Section, 3x2 7-8.....	15	
73	Lead Wheel Thimble.....	30	
74	Seat Spring.....	2 50	
75	Long Guide Rods.....	20	
76	Short Guide Rods.....	10	
77	Right Track Clearer.....	00	
78	Left Track Clearer.....	00	
79	Shipper Bottom.....	40	
80	Shipper Handle.....	20	
81	Shipper Pin.....	30	
82	Tongue and Banger Iron.....	75	
83	Sliding Hasp, Iron and Banger.....	1 25	
84	Guard Finger Overlap.....	40	
85	Rock Shaft.....	2 00	
86	Rock Shaft Piston Thimble.....	40	
87	Upper Pitman Head.....	1 50	
	Pole.....	5 00	
	Neck Yoke.....	2 00	
	Doubletree.....	1 00	
	Whiffletree.....	00	
	Hoisting Lever Handle.....	35	
	Back Evener.....	1 00	
	Lead Wheel Bolt.....	15	
	Shoe and Finger Bar Bolt.....	15	
	Finger Bolt.....	06	
	Facel Nuts, Rock Pin, Crank Pin, and Pitman.....	10	
	Section Rivets, per pound.....	35	
	Oil Can.....	20	
	Oil Can Holder.....	10	
	Wrench.....	75	
	Punch.....	10	
	Cold Chisel.....	25	
	Draft Chain.....	25	
	Under Draft, complete.....	5 00	
	Sliding Hasp Iron Pins.....	15	
	Sliding Hasp Iron Bolt.....	15	
	Steel Under Knife Holder.....	10	
	Whip Socket.....	15	
	Track Clearer Head.....	25	

Parts of A, B, and C. Machines are the same, except where the width of the Machine varies their length.

Before ordering Extras, consult the diagram carefully, and state in the order both the number and the name of the parts wanted, as well as the number of your Machine.

Be accurate in giving shipping directions; the address, and how they are to be sent.

EXTRAS LIST NO. 2.

Extra Parts for WILBER'S EUREKA MOWER, D size, (iron frame,) different from those used on wood frame. Sizes A, B, and C.

No.		No.	
1	Drive Wheel.....	14	Crank Shaft.....
2	Frame.....	15	Back Shaft.....
3	Right Tongue Iron.....	16	Axle.....
4	Left Tongue Iron.....	17	Finger Bar, drilled.....
5	Tongue Platform, complete.....	18	Knife.....
6	Tool Box.....	19	Right Shoe.....
7	Hoisting Lever Ratchet.....	20	Left Shoe.....
8	Hoisting Lever Chain Wheel.....	21	Connecting Rod.....
9	Hoisting Lever Pawl.....	22	Knife Section 3x2 1/2.....
10	Right Ratchet Gear.....	23	Hoisting Lever Handle.....
11	Left Ratchet Gear.....	185	Rock Shaft.....
12	Large Gear Wheel.....	186	Rock Shaft Piston Thimble.....
13	Crank Pinion.....		

EXTRAS LIST NO. 3.

Extra parts for Wilber's Eureka Mower, old patterns, built prior to 1875, differing from List No. 1. For parts not named on this List, see List No. 1. Extra parts on List No. 1, not on this List, will fit the old Machine.

No. on pattern.	Name of Piece.	For Mowers numbering from—
1868	Rock Shaft.....	\$2 00 1 to 700.
1871	do.....	2 00 700 to 3,000.
1872	do.....	2 00 3,000 to 5,000.
1873	do.....	2 00 5,000 to 6,000, and Towanda build from 1 to 100.
1868	Guard Finger.....	40 1 to 700.
1871	do.....	40 700 to 5,000.
Steel	do.....	50 5,000 to 6,000, and Towanda build 1 to 100.
84A	do.....	40 6,000 to 7,000, and Towanda build 100 to 500.
1868	*Shoes..... Right, 2 50.....Left, 3 25	1 to 700.
1871	do.....do..... 2 50.....do..... 3 25	700 to 3,000.
1872	do.....do..... 2 50.....do..... 3 25	3,000 to 5,000.
1873	do.....do..... 2 50.....do..... 3 25	5,000 to 6,000, and Towanda build 1 to 100.
1874	do.....do..... 2 50.....do..... 3 25	6,000 to 7,000, and Towanda build 100 to 500.
1868	Knives.....	5 50 1 to 700.
1871	do.....	5 50 700 to 1,200.
1868	Knife Sections 3x3 1/2.....	15 1 to 700.
1874	do.....	15 700 to 7,000, and Towanda build 1 to 500.
1871	Knife Thimbles.....	15 1 to 5,000.
1873	do.....	15 5,000 to 6,000.
1868	Rock Shaft Pin.....	1 25 1 to 700.
1871	do.....	1 25 700 to 6,000.
1868	Knife Button.....	10 1 to 700.
1871	do.....	10 700 to 5,000.
1873	do.....	10 5,000 to 7,000.
1872	Hoisting Stirrup and Chain.....	4 80 3,000 to 5,000.
1872	Hoisting Lever Bed.....	75 3,000 to 5,000.
1868	Large Gear Wheel.....	2 50 1 to 700.
1868	Whiffletree Hook, malleable.....	15 1 to 700.
1868	Tongue and Axle Strap.....	40 1 to 6,000.
1868	Shipper Lever.....	50 1 to 700.
1868	Clutch.....	75 1 to 700.

* In ordering Shoes, state whether "Right" or "Left."

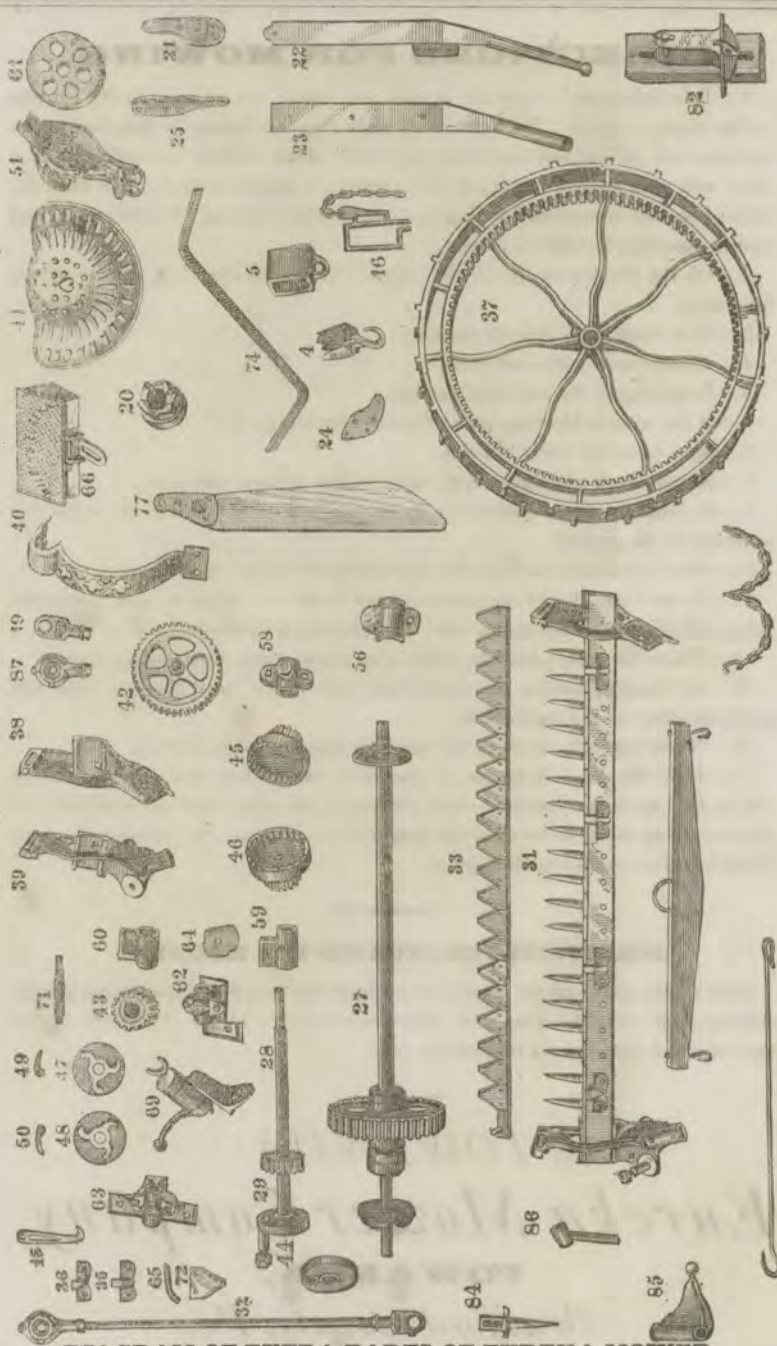


DIAGRAM OF EXTRA PARTS OF EUREKA MOWER.

