

BRACKETT, SHAW



& LUNT COMPANY

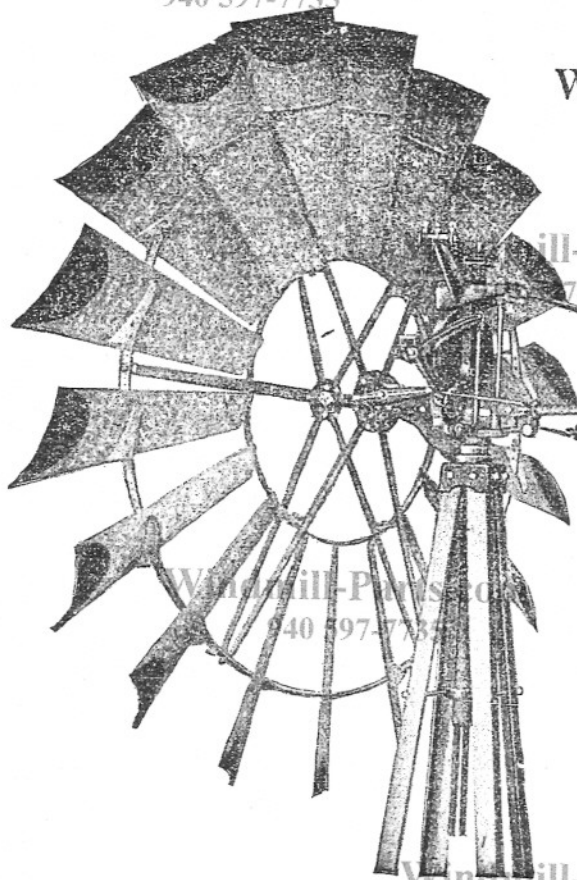
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WIND MILLS AND TOWERS OF SUPERIOR CONSTRUCTION



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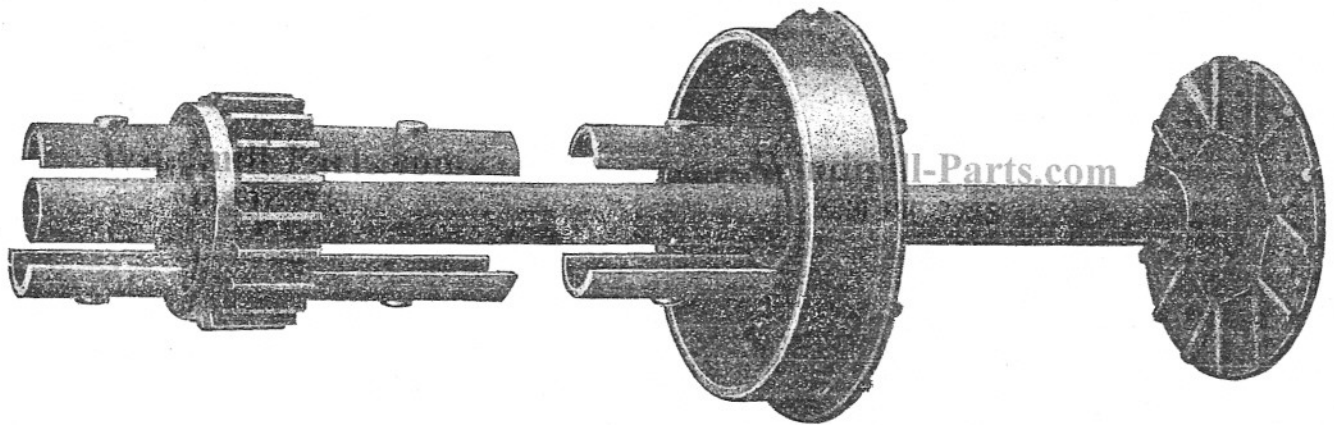
Fig. 514-7735

Note Covered Gears and Perfect Brake

We recommend this Wind Mill as strong, well designed, and most durable. Ask about oiling them from the ground without climbing.

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BALL BEARING TURNTABLE



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Fig. 16
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Size Wheel	Wgt. Lbs.	Length Stroke	Ratio Gear
6	300	4 and 5 inches	About 4 to 1
8	400	5 and 7 inches	About 2 1/2 to 1
10	500	6 and 8 inches	About 2 1/2 to 1
12	800	8 and 10 inches	About 2 1/2 to 1



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**SECTIONAL VIEW OF BACK GEARED
 PUMPING MILL**

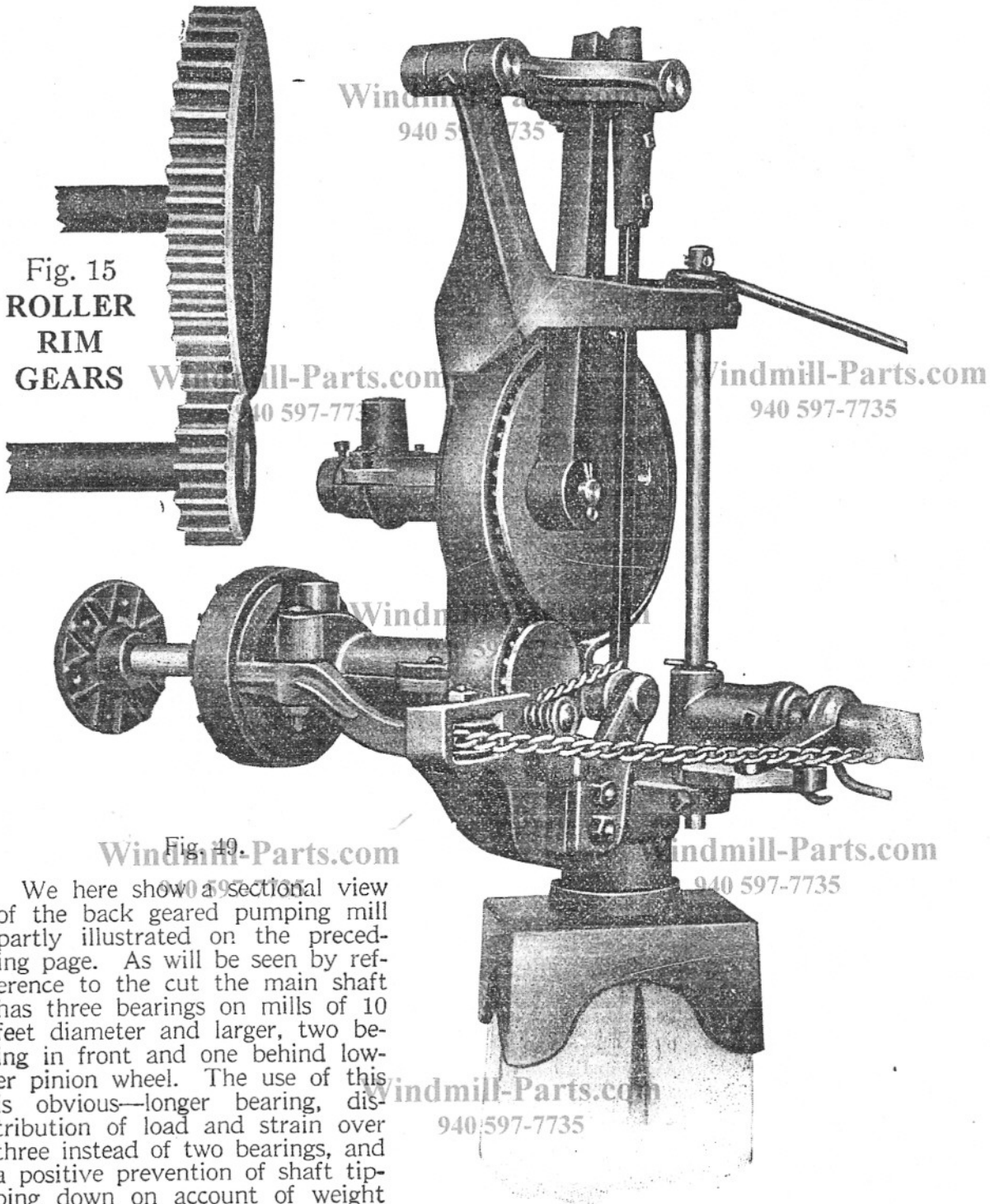


Fig. 15
 ROLLER
 RIM
 GEARS

Fig. 19.

We here show a sectional view of the back geared pumping mill partly illustrated on the preceding page. As will be seen by reference to the cut the main shaft has three bearings on mills of 10 feet diameter and larger, two being in front and one behind lower pinion wheel. The use of this is obvious—longer bearing, distribution of load and strain over three instead of two bearings, and a positive prevention of shaft tipping down on account of weight of wheel.

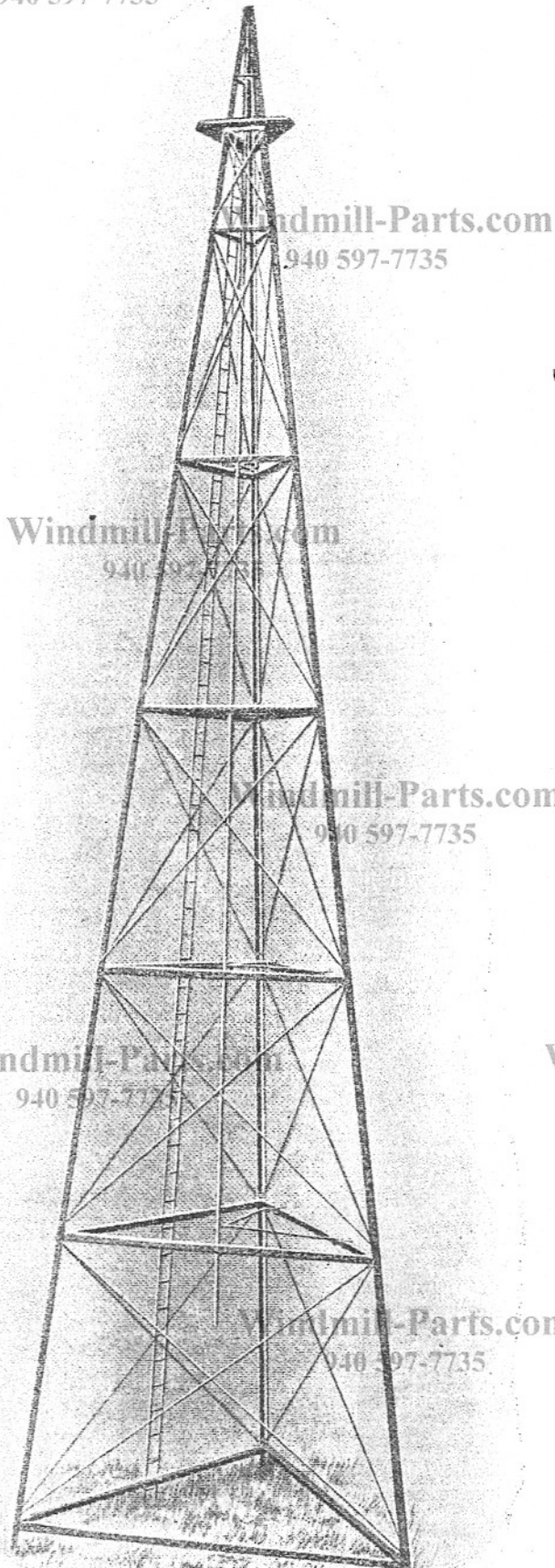


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GALVANIZED WINDMILL TOWERS

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Either Three or Four Post.

We recommend the three post type on account of the truss principle.

It has been clearly shown that the same weight of material is much stronger when so constructed. Any height from 20 to 60 feet.

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Towers higher than 60 feet built to order.

Fig. 50.