OUTGAR LEVER

To attach the outgar lever, select the corner of the tower it is to be attached to and see that swivel at upper end of the pump pole is set to accommodate a straight pull from the swivel to the lever, attach the lever to the corner of the tower with the crook in the lever down. Now throw the lever up and securely attach the fulcrum pin to one side of the lever. Throw the lever down, and if it does not hold the wheel parallel with the vane move the lever further down until it does. If the handle is properly turned, all the handles thrown down, it will strike against the inside of post and form a lock, preventing the lever from lifting up and the wheel from going into gear until the lever is thrown up by hand.

LUBRICATION

The main bearings are fitted with compression grease cups by means of which grease can be used to lubricate the bearings. To fill these cups, remove the caps and fill the cups with grease, then replace the caps and metal plugs and screw them down until the grease is forced into the bearings, after which they should be given a turn or two from time to time as the use of the mill requires. All other working parts, such as the pivot bearing on the pole, the pole swivel, the rod guide, chain sheaves, and vane gear, should be oiled frequently.

EXPORT

When packed for export, the vane, wheel sections and pivot are parted in order to economize on overseas shipping charges, and care must be taken in reassembling these parts.

In putting the wheel shaft and spider in pivot, be sure the arboled bushes in wheel arm are in place, and after pinion is screwed on shaft, replace the steel pin which is provided to keep pinion from unseating, and hand both ends of pin so it cannot work out.

Now put sheave arm 26 and attached parts in place as shown in Figures "BB" and "CC." Sheave arm should be bolted to the legs of shorter and lower end of the pivot casting, the bolts being inserted so that the heads are on top.

The branches of being passed around the vane sheave on spider No. 4 should have its free end bolted on under side of vane at end of vane arm. These parts are in proper adjustment when they leave factory, but may become displaced in shipping. The hand brake should not touch the wheel when the mill is running, and its rotor on the spider when the mill is out of gear can be regulated by means of the adjusting nuts on eye bolt.

The wheel sills of rails or pins are to be fastened to the rims of the vane or by means of galvanized bolts, which are found in sets of parts. These bolts are provided with double nuts and care must be taken to fasten all of these securely. Tighten the first nut, then follow with the second nut and add additional security, rivet the end of the bolt.

The inner vane should pass between the ears on the upper end of the vane, while the outer vane passes through the holes in the sides of the spider. See Cut Fig. W6061.

The bolts for fastening the vane sheets to vane arms should be inserted and tightened with the same care as that used on the wheel bolts.

NOTE

This machine is sold and guaranteed only on condition that these directions are strictly observed in erecting it, and we will not hold oursevles responsible for any damage or expense resulting from neglect of our observations, as shown directions form part of our guarantee. Please preserve this for future reference.

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