

(9) Assemble the Spinner.

Screw in five hooks on each side of the spinner in the pre-drilled holes.

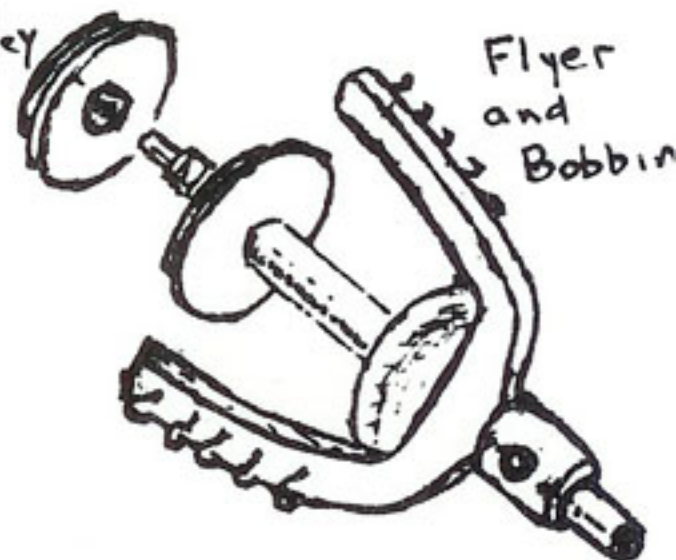
Assemble a bobbin on the shaft and see it spins freely on the spindle. If at all tight, check and see where it is rubbing and ease.

Assemble the whorl (or pulley) on the flyer shaft. The

smaller groove on the whorl is for spinning. This gives a twist ratio of 7 twists per treadle. The larger groove gives a quicker take up and is used for plying or spinning a loose twist on medium heavy yarn.

Place the spinner in position on the Mother-of-all. The small end goes into the flexible rear leather, and the larger front orifice end will slide into place in the front leather.

2 Step
Whorl
or Pulley



(10) Run the driving cord twice round the wheel and knot the ends. Remove the spinner and slip one loop in the groove of the bobbin - and the other loop in the smaller groove of the pulley. Replace the spinner and tighten the cord by turning the round knob of the adjusting screw.

(11) The wheel may be a little stiff at first but will soon run in and work smoothly. The ball bearings on the main wheel are sealed and lubricated for life. The two leather bearings of the spinner should be lightly oiled. A light lubrication on the following spots will make for easy operation.

- (1) Two treadle leather pivots (oil or grease)
- (2) Crank footman bearings (oil or grease)
- (3) Bobbin leather bearings (lead pencil or vaseline)