This loom is shipped set up, except few parts which are not fixed to make a compact shipment and prevent breakage. By following instructions, assembling will be easy.

Weaving manuals are made separately in English and in French. If the one accompanying your loom is not in your language, please send it back for replacement.
For any repair piece, always give number following illustration on cover. Price on request.

"ARTISAT" LOOM

WOODEN PIECES

No.
101-102-A  Front uprights
103-104-A  Rear uprights
111-112-A  Cross beams
113-114-A  Cross beams
121-A     Batten swords
126-A     Release treadle
130-A     Treadles
135-A     Treadle spacers
140-A     Lamsns
141-142-A  Upright pieces
145-A     Stopper supports for harness
151-152-A  Cross bars
153-A     Jacks
155-A     Breast beams
156-A     Batten handtree
157-A     Batten sley
158-A     Shuttle race
164-156-A  Cloth & Warp beams
167-A     Side for box of jacks

METAL PIECES

310-A  Ratchet wheel cloth beam
311-A  Wheel for friction brake
315-A  Dog for front beam (short)
312-A  Bracket for treadles and rod
406-A  Treadle bottom
406-A  Strengthening piece for friction brake
409-A  Wire circle for friction brake
410-A  Warp rod
415-A  Brake spring
421-A  Steel end frame
422-A  Heddles rod
426-A  Spring hooks for heddles rod
427-A  Hooks for lamms
448-A  Lamms bracket
492-A  Hooks to hold rear beam on loom
493-A  Lever
495-A  Hinge
496-A  Crank

MATERIE AL\"ARTISAT\"
Cut cords holding each piece of loom.

1. Fix round head bolts 1" x 1-1" in holes on the two front posts. Have head outside of loom, and knock with hammer up to the time square part is completely entered in posts. (Fig. 1)

2. Place metal side rods which hold the loom firmly. (Fig. 1)

3. Fix wing nuts to hold metal rods in place.

4. Open rear of loom and hook metal pieces #492 to screws of center uprights. (Fig. 2)

5. Fix cross bar No. 152-A at lower front of uprights of loom (Fig. 3) with 3-1/4" long bolts, first fixing bolts in cross-bar and next in base of uprights No. 101-A and 102-A. Iron works should extend outside of loom, over cross-bar. Place steel washers and nuts, screw firmly with help of a wrench.

6. Fix treadle set in iron works #312, letting it fall into opening. (Fig. 4)
7. Place batten sley #157-A with shuttle race in angle of batten sword #121-A. Fix firmly with 5/16" x 2-1/2" bolts, first placing bolt in piece #157-A. Have the square part of screw under head completely inserted in wood, with help of hammer.

8. Place batten handree #156-A (Fig. 5) the same as #157-A, but groove face down. This time, use wing nuts at bolts after placing the washers, so that reed support can easily be unscrewed by hand for replacement of reed. Place reed in beater.

9. Place warp beam #165-A by inserting end into the hole on left upright. (Fig. 6)

10. Unhook wire circle to allow passing it on cast iron wheel at the right end of warp beam. (Turn it at rear) (Fig. 7)

11. Turn it upward, insert bolt 7/16" x 4" in crank and then in hole of warp beam and screw firmly. Run lever of brake down from front of warp beam. (Fig. 7)
Fix the hook of cord on the rear end of brake lever to the treadle screw eye. (Fig. 9) Press on treadle, fix it under the stop on front cross piece No. 152-A. Fix the end of wire circle which is around the wheel of warp beam to the hook of spring.

13. Release treadle and hold it approximately 4" from floor when brake is on to adjust the cord. (Fig. 10)

For further information on brake, refer to "Warp and Weave," page 65.

How to place heddles in the harnesses, See page 9 of Warp and Weave.

Tie-up system, See page 12 of Warp and Weave.
STRAIGHTENING THE BEATER

Check if the rubber bumpers touch equally to the loom supports No. 141-A and 142-A. If not, loosen the bolts of cross pieces No. 156-A and 157-A and force them in proper position. Tighten the bolts and check again.

If not correct, start again, but force them up to the time it makes a small noise and tighten again. (Fig. 11).