

No. 890,733.

PATENTED JUNE 16, 1908.

J. C. TYNDALL.
KINDERGARTEN LOOM.
APPLICATION FILED AUG. 23, 1907.

Fig. 1.

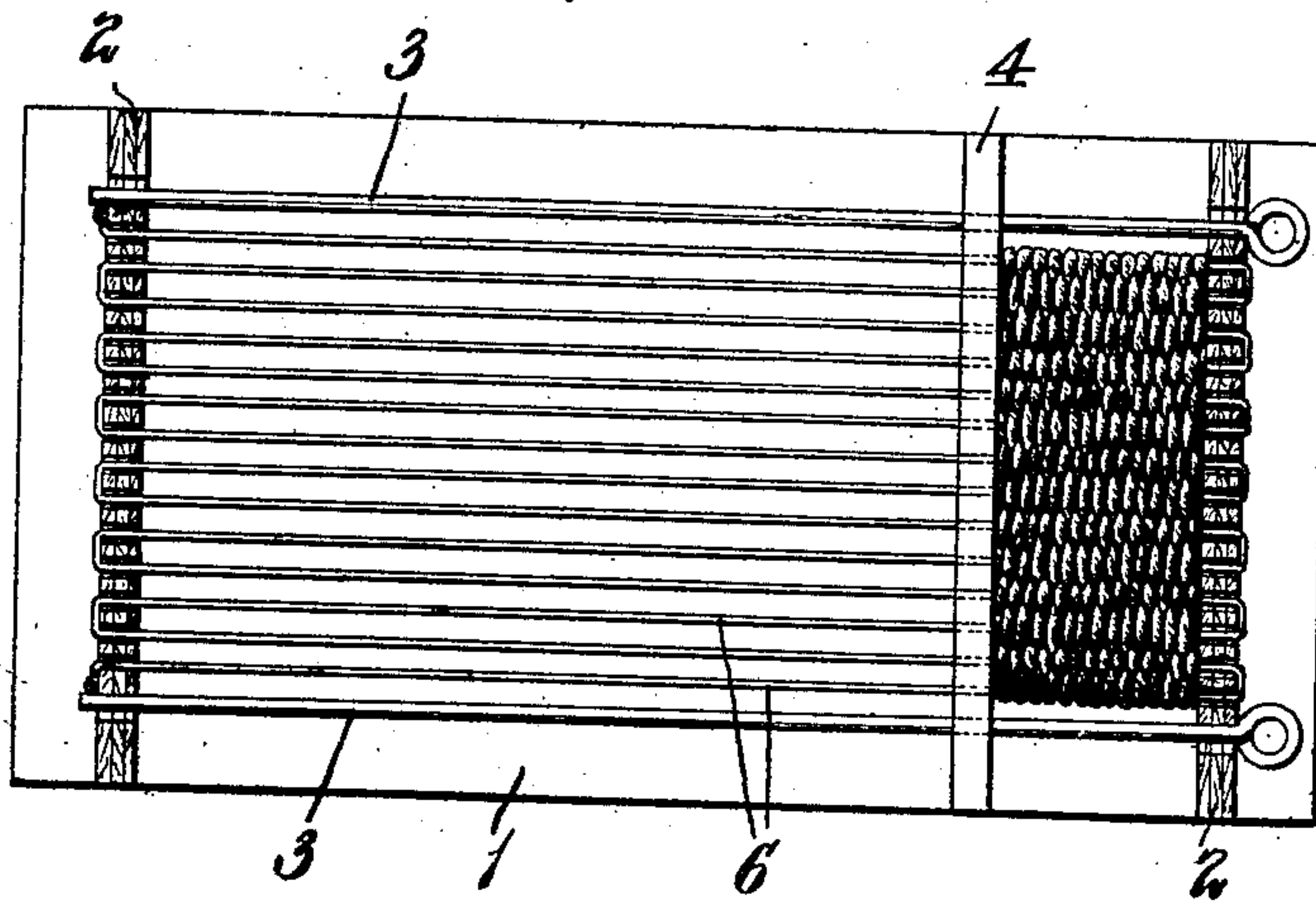


Fig. 2.

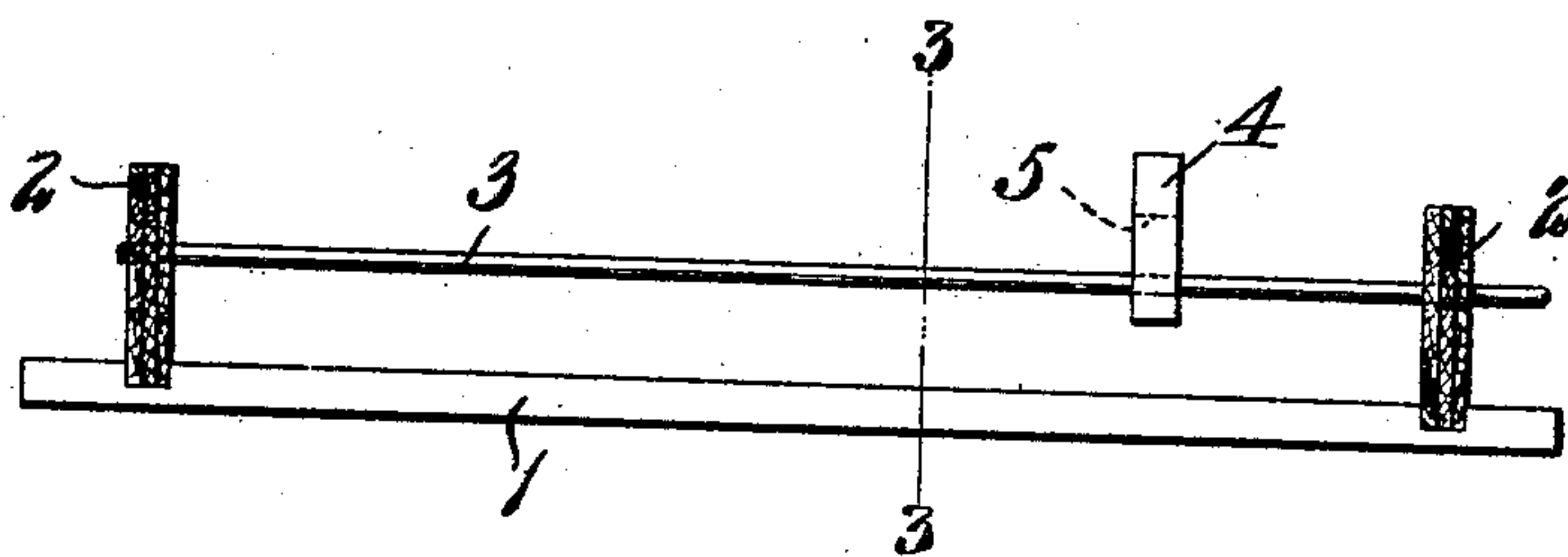
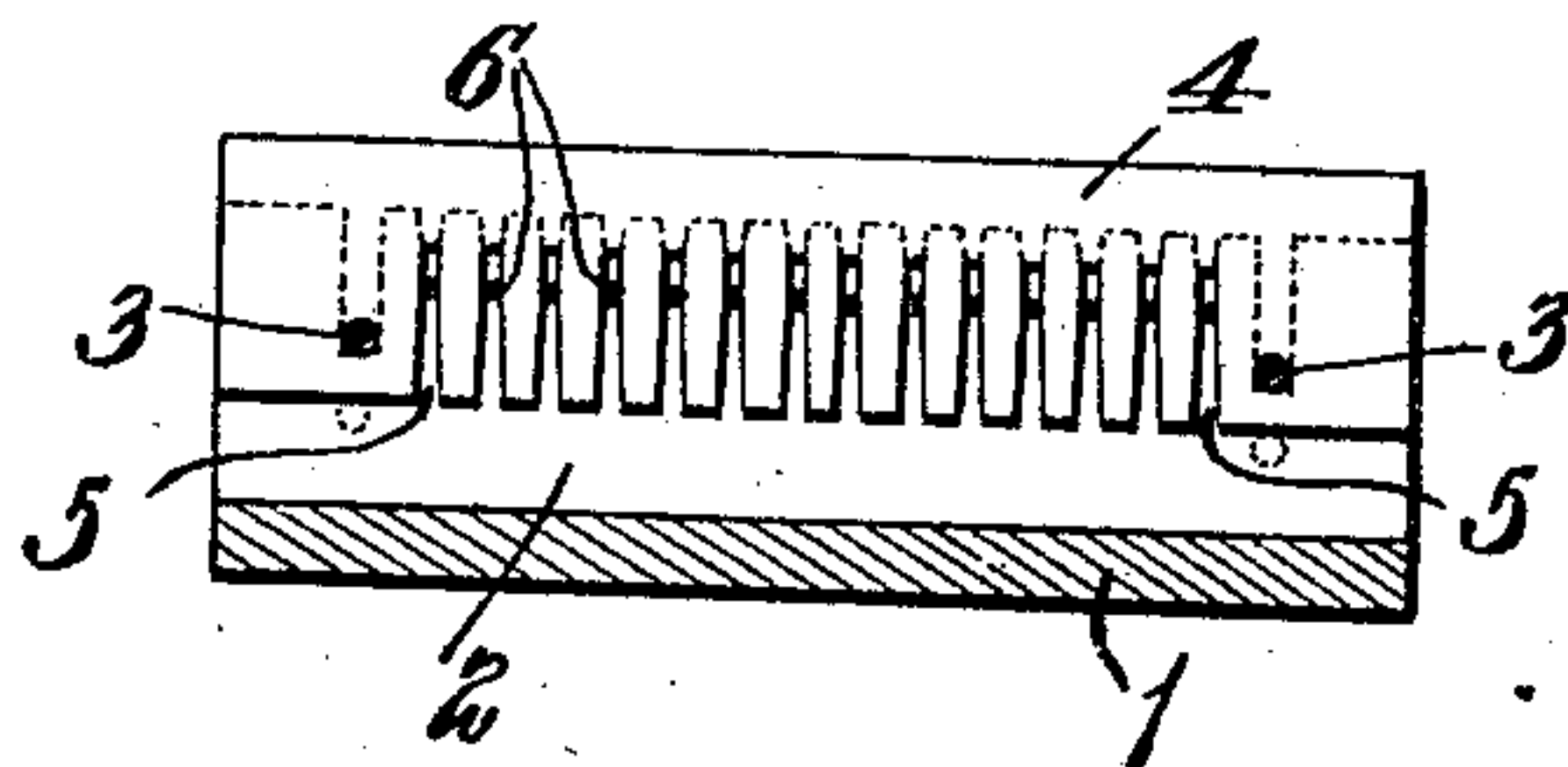


Fig. 3.



Witnesses:

Geo. R. Radson
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Inventor:

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By Bakewell & Connell Attys.

UNITED STATES PATENT OFFICE.

JESSIE CARR TYNDALL, OF ST. LOUIS, MISSOURI.

KINDERGARTEN-LOOM.

No. 890,733.

Specification of Letters Patent.

Patented June 16, 1908.

Application filed August 23, 1907. Serial No. 389,850.

To all whom it may concern:

Be it known that I, JESSIE CARR TYNDALL, a citizen of the United States, residing at St. Louis, Missouri, have invented a certain new and useful Improvement in Kindergarten-Looms, of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a top plan view of a loom constructed in accordance with my invention; Fig. 2 is a side elevation of the loom shown in Fig. 1; and Fig. 3 is a sectional view taken on the line 3—3 of Fig. 2.

This invention relates to hand looms such as are used by children in kindergarten work.

The main object of my invention is to provide a loom that is strong and inexpensive to manufacture and which is provided with a lay bar that will positively prevent the warp of the mesh from being displaced or drawn out of the teeth in the warp combs during the operation of weaving in the weft of the mesh.

Referring to the drawings which illustrate the preferred form of my invention, 1 designates the base of the loom and 2 the notched warp combs arranged adjacent the opposite ends of the base 1 and mortised into same. Each of these warp combs is preferably made up of a number of plies of veneering arranged with the grain running in opposite directions so as to prevent the combs from warping or splitting. Parallel metal rods 3 extend through openings in the warp combs and form a support for a lay bar 4 which is provided on its underneath side with notches 5 to receive the warp 6 of the mesh, as shown clearly in Fig. 3. This lay bar 4 is slidingly mounted on the rods 3 which form a substantial support for same and retain said bar in a vertical position, the bar being provided with openings through which the rods 3 extend. As the weft of the mesh is woven in, the lay bar is forced toward the warp comb at the right-hand end of the loom to com-

pact the weft of the mesh closely together, as shown in Fig. 1, said bar also being used as a guide for the needle that is used to weave in the weft of the mesh. The advantage of providing the lay bar with notches on its underneath side is that it positively prevents the warp of the mesh from being accidentally displaced or drawn out of the teeth of the warp combs during the operation of passing the needle over and under the warp of the mesh.

The loom comprises very few parts and can be manufactured at a small cost and is practically unbreakable as the warp combs are so constructed that they will not split when the loom is dropped on the floor as frequently occurs owing to the fact that it is used by children.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

1. A kindergarten loom comprising a base provided with notched warp combs, rods carried by said combs, and a sliding lay bar having openings through which said rods extend and provided on its underneath side with notches to receive the warp of the mesh; substantially as described.

2. A kindergarten loom comprising a base, warp combs mounted on said base adjacent the opposite ends thereof, and each consisting of a number of plies of veneering arranged with the grain running in opposite directions, metal rods extending from the warp comb at one end of the base to that at the other end of the base and a lay bar slidingly mounted on said rods and provided on its underneath side with notches to receive the warp of the mesh; substantially as described.

In testimony whereof I hereunto affix my signature in the presence of two witnesses, this 13th day of August 1907.

JESSIE CARR TYNDALL.

Witnesses:

RACHEL K. TYNDALL,
FRED A. KELLEY.