

J. N. KENDALL.
 TRANSFERRING AND LOOP RETAINING COMB FOR KNITTING MACHINES.
 No. 103,471. Patented May 24, 1870.

Fig. 1.

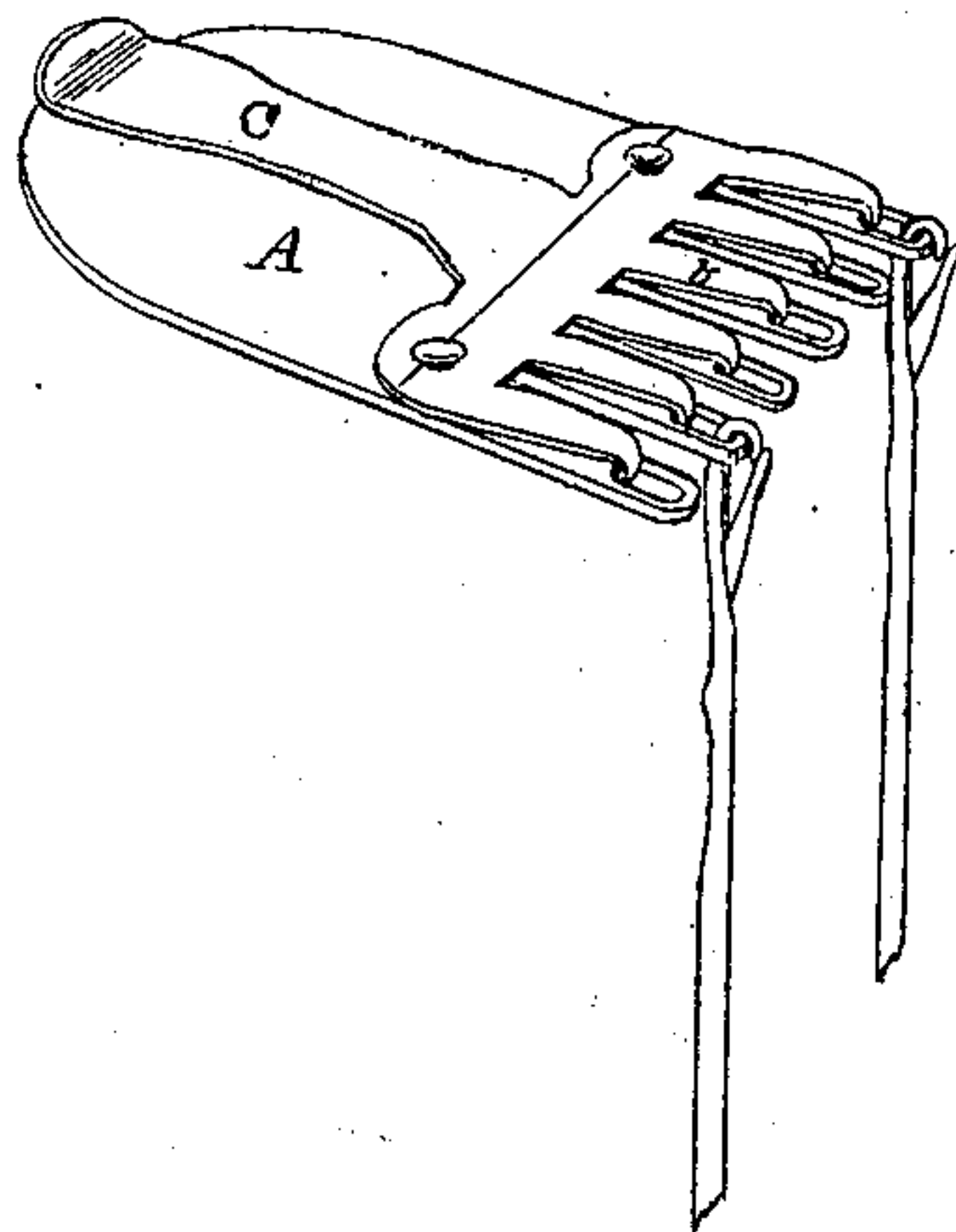


Fig. 2.

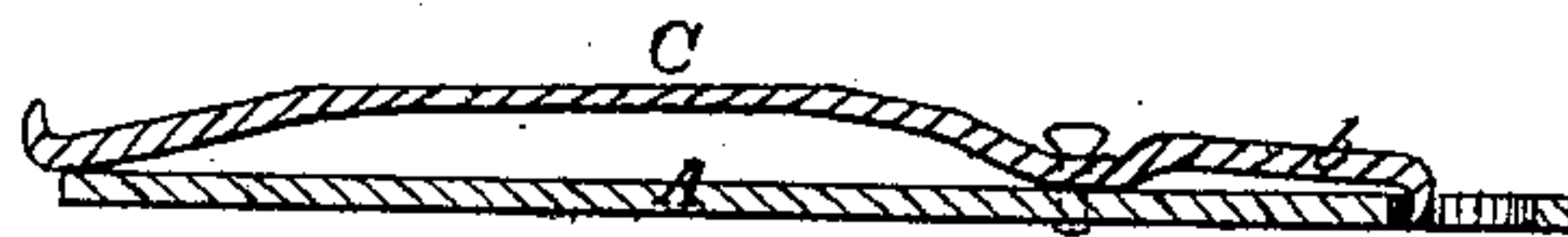
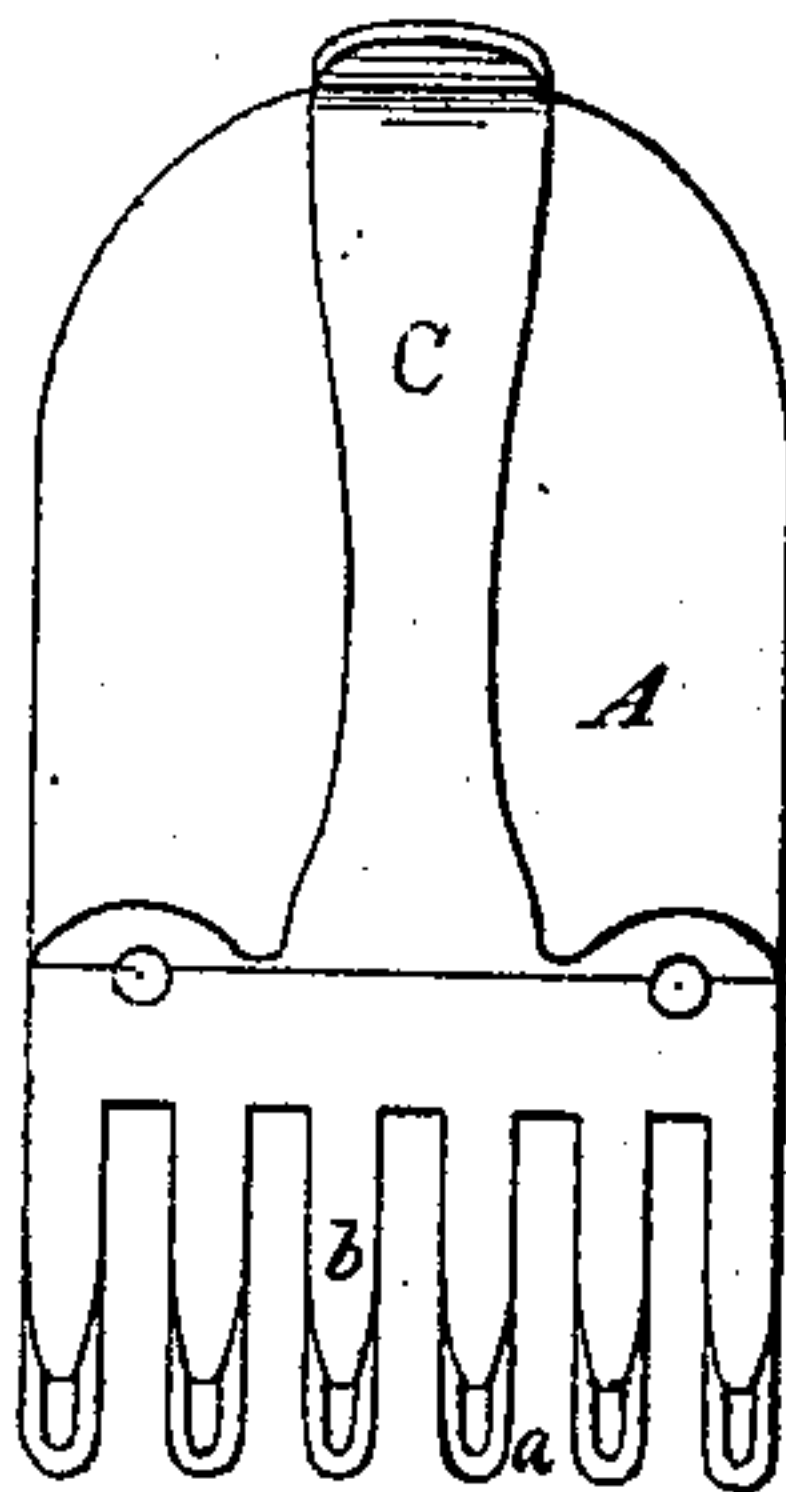


Fig. 3



Witnesses.

Wm. Anderson.
 Cha. Kenyon.

Inventor.

J. N. Kendall,
 Chipman & Fosmick & Co.,
 Attorneys.

United States Patent Office.

JAMES N. KENDALL, OF NASHUA, NEW HAMPSHIRE.

Letters Patent No. 103,471, dated May 24, 1870.

IMPROVEMENT IN TRANSFERRING AND LOOP-RETAINING COMB FOR KNITTING-MACHINES.

The Schedule referred to in these Letters Patent and making-part of the same.

To all whom it may concern:

Be it known that I, JAMES N. KENDALL, of Nashua, in the county of Hillsborough and State of New Hampshire, have invented a new and valuable Improvement in Knitting-Machines; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a perspective view of my invention.

Figure 2 is a longitudinal section of the same.

Figure 3 is a top view.

My invention relates to knitting-machines, and consists in the construction of a convenient and useful instrument, whereby any number of stitches that may be required to be thrown off, to be again brought into use, may be taken at the same time from the needles and held securely, without being twisted or disarranged, until they are retransferred to the needles.

The letter A of the drawing designates a metal plate provided with any suitable number of fingers *a*, slotted at their ends, to receive the ends of the knitting-needle

b b represent the retaining-hooks, arranged to project downward into the slots of the fingers of the comb A, and operated by means of a spring, C, or its equivalent, in such a manner that the hooks can be

raised out of the slots when necessary to admit the stitches under their ends.

The operation is as follows:

The comb is placed on the needles of the machine from which the stitches are to be taken, as seen in fig. 1. The needles are then thrust forward, carrying the comb until the stitches pass over the latches and back into the stems thereof; then the needles are drawn back with the comb, when the stitches will be passed over the heads of the needles and onto the fingers of the comb. At the same time the retaining-hooks are raised to allow the stitches to pass under. The stitches are thus secured to the comb, which may now be taken from the needles until it is necessary to return the stitches thereto.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the comb A, having slotted teeth *a*, with the retaining-hooks *b*, when constructed and arranged to operate substantially as and for the purpose specified.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

JAMES N. KENDALL.

Witnesses:

A. H. SAUNDERS,
M. E. BARNES.