

M. TOOHEY.
PLAITING-MACHINE.

No. 192,098.

Patented June 19, 1877.

Fig. 1.

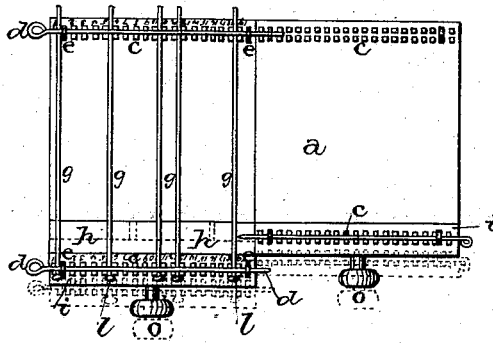
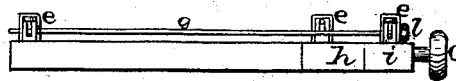


Fig. 2.



WITNESSES.

J. W. Larner
F. M. Burnham

INVENTOR=
Maggie Toohy
per
F. A. Lehmann, atty.

UNITED STATES PATENT OFFICE.

MAGGIE TOOHEY, OF SYRACUSE, NEW YORK.

IMPROVEMENT IN PLAITING-MACHINES.

Specification forming part of Letters Patent No. **192,098**, dated June 19, 1877; application filed May 25, 1876.

To all whom it may concern:

Be it known that I, MAGGIE TOOHEY, of Syracuse, in the county of Onondaga and State of New York, have invented certain new and useful Improvements in Plaiting-Machines; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in plaiting-machines; and it consists in the arrangement and combination of parts, that will be more fully described hereinafter, whereby all the pins or rods over which the plaits are formed can be withdrawn at once, leaving the plaits to be pressed down, and then run through a sewing-machine.

The accompanying drawings represent my invention.

a represents the board or frame, made of any desired width or length, and which may be made in sections, and hinged together, so that it can be folded into a very small compass when not in use. Formed upon this board, along its edges, is a double row of projections, *c*, each one of which projections is separate and equidistant from the others, and lengthwise between each pair of rows is placed a long wire rod or pin, *d*. Over the top of these rods, so as to prevent them from being raised upward, are driven a number of staples, *e*, as shown.

The pins or rods *g*, over which the plaits are formed, are passed in between the projections *c*, and under the rod *d* on one side, across the board through the cloth, in between the projections, and under the rod on the other side, the rods *d* serving to keep the pins *g* down in position.

When desired, the width of the board, either in one section or a number of them, may be increased at will by adding a strip, *h*, to one of the edges, as shown, said strip having ten-

ons to fit in suitable sockets for the purpose of holding it in position.

One of the rows of projections *c*, along the whole of one side of the board, is secured to separate removable strips *i*, which strips are also held in position by means of tenons and sockets.

All of the pins *g*, over which the plaits are formed, are provided with heads *l*, which catch behind the row of projections *c* on the removable strip *i*.

The pins are all inserted from the same side, so that by taking hold of the handles *o*, and removing the strips *i*, all of the pins on one section of the board are removed at once, leaving the plaits ready to be pressed down, and then run through a sewing-machine.

By means of the strip *h*, which will be of a sufficient width, shirt-bosoms can be plaited upon this board, and other such wide work.

By numbering the projections along each side the pins can be inserted much more readily and regularly, and save the operator the trouble of counting the projections to see whether the pins are straight or not.

I am aware that a plaiting-machine having plaiting-rods in combination with removable bars, whereby all the rods may be withdrawn at once, is not new, and, therefore, such I do not, broadly, claim; but

What I do claim is—

1. In a plaiting-machine, the plaiting-rods *g*, provided with heads *l*, substantially as and for the purpose set forth.

2. A plaiting-machine, provided with the removable strip *i*, in combination with the base-board *a*, and plaiting-rods *g*, having heads *l*, substantially as described and shown, and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 15th day of May, 1876.

MISS MAGGIE TOOHEY. [L. s.]

Witnesses:

E. J. MUNSON,
EDWARD TOWNSEND.