No. 649,694. Patented May 15, 1900.

M. W. HUNTER.

MACHINE FOR ROLLING MATTING.

(Application filed Aug. 3, 1899.)

(No Model.)

Fig. 1.

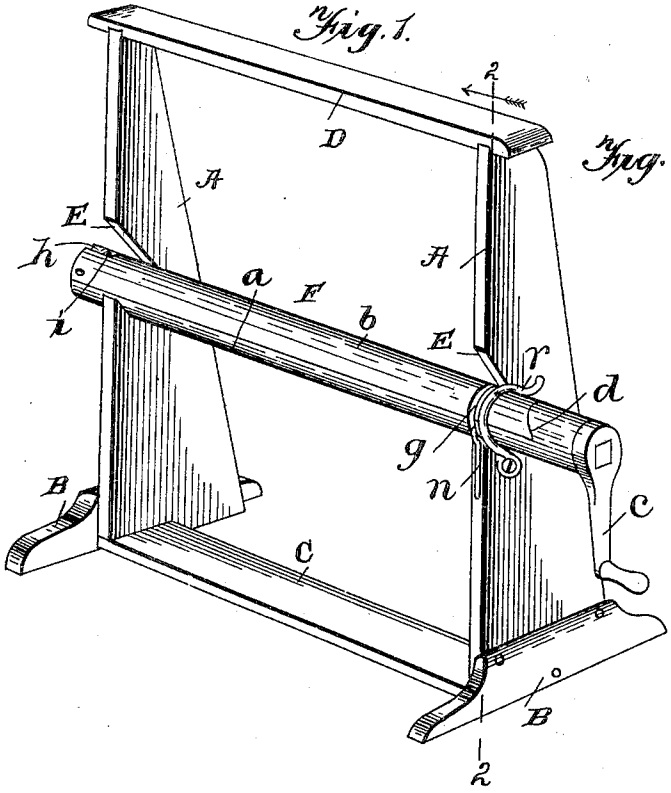


Fig. 2.

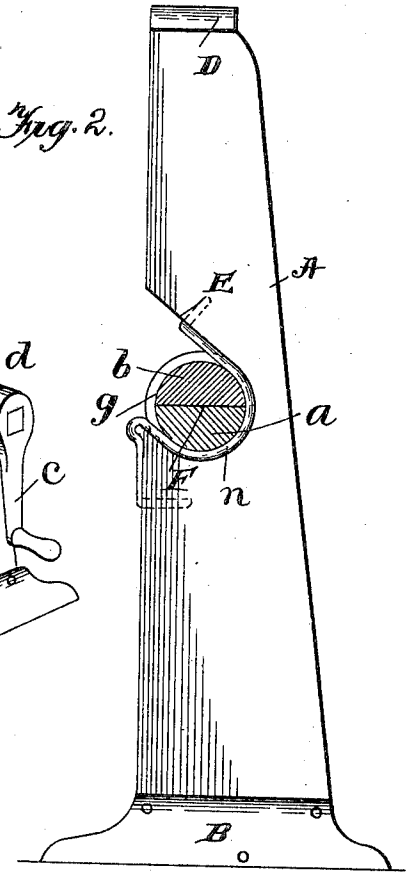


Fig. 3.

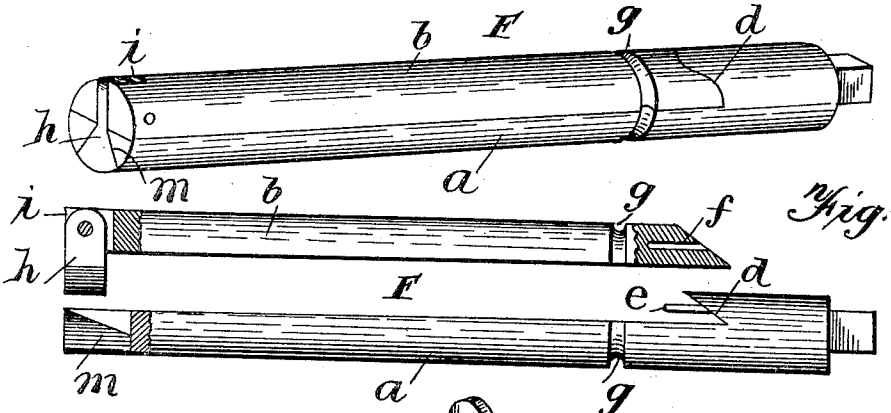
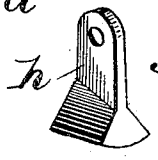


Fig. 4.

Fig. 5.



Witnesses
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UNITED STATES PATENT OFFICE.

MARCEA W. HUNTER, OF BEDFORD, INDIANA.

MACHINE FOR ROLLING MATTING.

SPECIFICATION forming part of Letters Patent No. 649,694, dated May 15, 1900.

Application filed August 3, 1899. Serial No. 726,020. (No model.)

To all whom it may concern:

Be it known that I, MARCEA W. HUNTER, a citizen of the United States, residing at Bedford, in the county of Lawrence and State of Indiana, have invented new and useful Improvements in Machines for Rolling Matting, of which the following is a specification.

My invention relates to improvements in machines for rolling matting, all of which will be fully described hereinafter and particularly pointed out in the claims.

The object of my invention is to provide a simple and cheap machine constructed to attachably and detachably receive the edge of a piece of matting and upon which the same can be readily rolled and then detached therefrom.

In the accompanying drawings, Figure 1 is a perspective view of a machine embodying my invention. Fig. 2 is a sectional view on the line 2 2 of Fig. 1. Fig. 3 is a detached view of the roller. Fig. 4 is a view of the roller with the parts separated. Fig. 5 is a detached perspective view of the latch *h*.

Referring now to the drawings, A indicates vertical standards provided at their lower ends with suitable base-pieces B, the lower ends of the standards and the base-pieces being connected by a transverse board C. The upper ends of these standards are suitably connected by means of a transverse strip or board D, the whole together constituting a rectangular frame.

The standards A are sufficiently wide to permit of the downwardly-inclined recesses or openings E for the reception of a detachable and attachable roller F. This roller F is made in two parts *a* and *b*, the main part being represented by the reference-letter *a*, and this main part is constructed or cut away to receive the smaller or auxiliary detachable part *b*. One end of the main portion *a* of the roller is provided with a crank *c* for turning the same and which may be adapted to be connected therewith in any desired manner.

The parts *a* and *b* of the roller are detachable and adapted to receive between them the edge of a piece of matting which it is desired to roll upon the roller, and these parts are held together and adapted to be detached in a manner which I will now describe.

The operating end of the part *a* of the roller is provided with a diagonal shoulder *d*, and the adjacent end of the auxiliary part *b* is correspondingly shaped to fit therein. The shoulder *d* is provided with inwardly-extending pins *e*, adapted to fit into longitudinally-extending openings *f* in the adjacent end of the portion *b*, and the two parts of the roller are provided with a coinciding peripheral groove *g* for a purpose to be presently described. The opposite ends of these two parts of the roller are connected by means of a latch *h*, which has one end pivoted in a longitudinally-extending slot *i* of the part *b* of the roller and its opposite end provided with a dovetail-shaped head adapted to be turned into and out of a correspondingly-shaped recess *m* in the adjacent end of the part *a* of the roller. By means of this construction the two parts of which the roller is composed are adapted to be separated for receiving between them the end of a piece of matting or other material it is desired to roll thereon and then to be clamped and held in their locked position by means of the pins and the latch or button. This roller is held in the standards against longitudinal movement by means of a wire *n*, which is doubled, as clearly illustrated, and adapted to fit in the peripheral groove of the two parts of the roller, and passing over the roller to hold it in the recess of the standards is a U-shaped latch *r*, having one end pivoted to the outer side of one of the standards A and adapted to be turned in over the roller and to hold the wire *n* within the groove of the roller, and thus locking it against longitudinal movement in respect to the standards.

By means of a machine of the character herein described I am enabled to quickly roll matting or other material upon the roller and to detach the roller therefrom by throwing the button out of its locked position and withdrawing the part *b* of the roller, which will loosen the roller from the end of the roll of material and permit it to be readily removed therefrom to be again used in rolling another piece of material.

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

1. A machine for rolling matting comprising vertical parallel standards having downwardly-inclined roller-recesses, one of the re-

cesses having a correspondingly-shaped wire or bead, a roller having a peripheral groove adapted to receive the said wire or bead and a latch pivoted to the standard and adapted to fold over the roller, substantially as described.

2. A machine for the purpose described comprising a roller formed of two separate longitudinal parts, one end of the parts provided with stationary interlocking members and the opposite ends of the parts provided with a movable locking member, substantially as described.

3. A roller for the purpose described comprising a main portion having a longitudinal recess or cut-away portion forming a shoulder, the shoulder provided with inwardly-extending pins, a second longitudinally-extending part adapted to fit in the cut-away portion of the first part and having openings adapted to receive the pins, the opposite end of the two parts provided with an interlocking member, substantially as described.

4. A roller comprising a part *a* having a longitudinal recess which provides a transverse shoulder at one end thereof, a second detachable part, the shoulder of the part *a* and the detachable part having stationary locking members, the opposite end of one of said parts having a dovetail opening, and the adjacent end of the other part having a pivoted button with a dovetail head adapted to coöperate therewith, substantially as described.

5. A roller comprising the two longitudinal parts *a* and *b* having interlocking members at each end, the two parts having coinciding peripheral grooves, in combination with a supporting-standard having a bead or wire adapted to fit in the said groove, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

MARCEA W. HUNTER.

Witnesses:
JOSEPH G. PHIPPS,
WM. M. DENNISTON.