

No. 639,928.

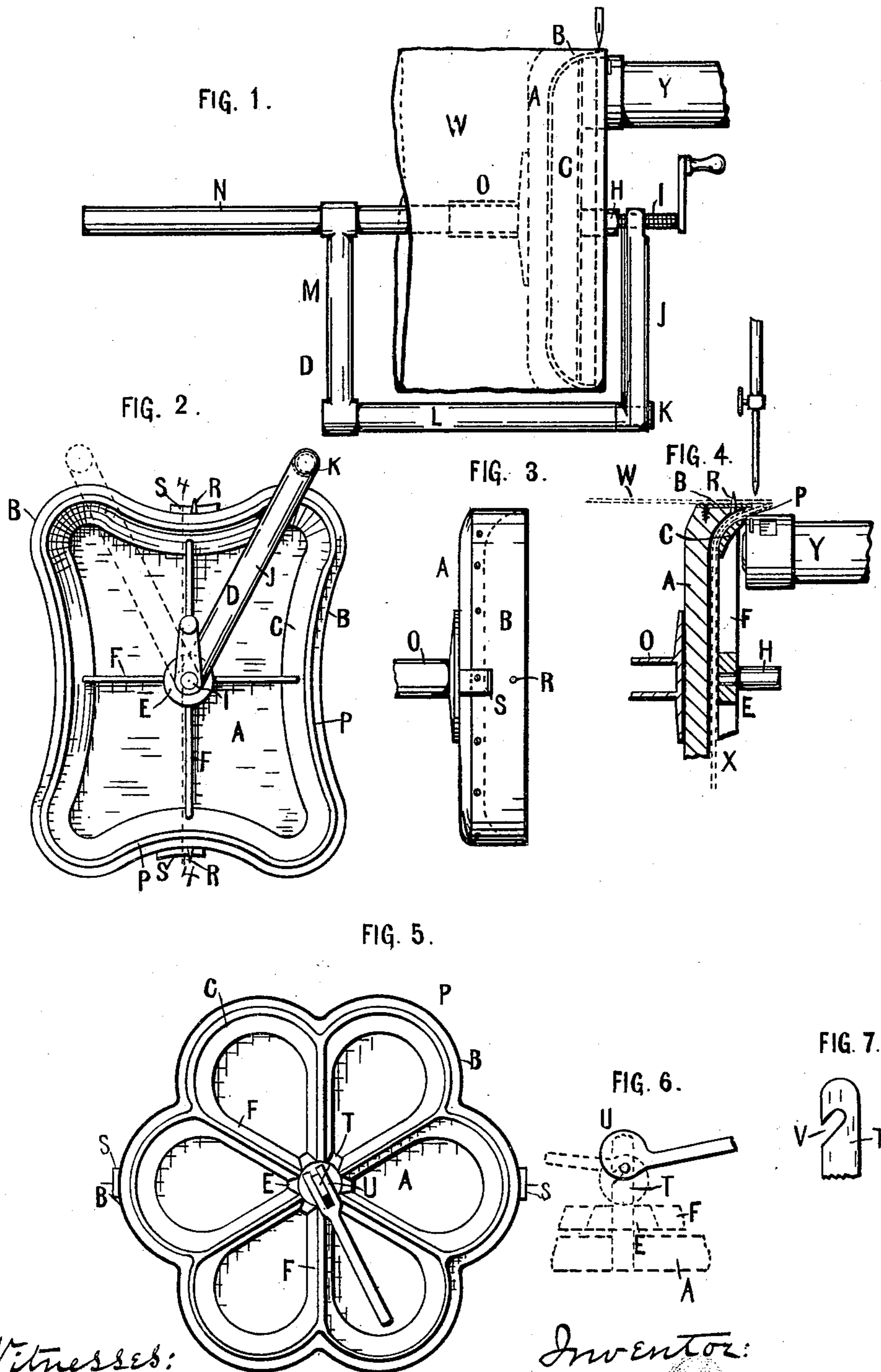
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W. H. MUTH.

APPARATUS FOR MANUFACTURING HASSOCKS.

(Application filed Mar. 25, 1898.)

(No Model.)



Witnesses:
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UNITED STATES PATENT OFFICE.

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APPARATUS FOR MANUFACTURING HASSOCKS.

SPECIFICATION forming part of Letters Patent No. 639,928, dated December 26, 1899.

Application filed March 25, 1898. Serial No. 675,066. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. MUTH, a citizen of the United States, residing at Rochester, in the county of Monroe, in the State of New York, have invented an Improved Apparatus for Manufacturing Hassocks, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to an improved apparatus whereby the fabric employed in making hassocks is held together and guided during the operation of sewing the top onto the sides, thereby materially reducing the cost of manufacture and producing an article having a better appearance.

My invention is fully described and illustrated in the following specification and the accompanying drawings, the novel features thereof being specified in the claims annexed to the said specification.

In the accompanying drawings, representing my invention, Figure 1 is a side view showing the apparatus in use. Fig. 2 is a front view. Fig. 3 is a partial side view. Fig. 4 is a section on the line 4 4, Fig. 2. Figs. 5, 6, and 7 represent a modification.

My improved apparatus for making hassocks consists, essentially, of a body or plate A of any suitable shape and dimensions, having a projecting metallic rib B around its periphery, the clamp or presser C, and the frame D, partially surrounding the body and clamp. The plate and clamp revolve together within the frame. In the operation of the machine the carpet or other material W for the sides or bands of the hassocks is placed wrong side out on the body, with the top X, Fig. 4, clamped between the body and the clamp, and while thus held the whole structure is presented to the action of a suitable sewing-machine, which sews the band and top together, the projecting rib B serving to guide the apparatus while being revolved in contact with the bed or cylinder of the machine, and the frame swinging out of the way, as indicated by the full and dotted lines in Fig. 2, to permit the line of sewing to be brought around to or beyond the starting-point. The ears are sewed in at the same time between the top and band or sides, pins or lugs being provided to hold these parts in place until the stitching is finished. The plate A is made with an outline correspond-

ing to the shape of the hassock, and it is provided with a recess of a form similar to that which is to be given to the top of the finished hassock. Since the clamping-ring C conforms to the circumferential part of the interior recess or concavity of the body, it aids in forming the top of the completed article. In the construction shown the plate is made of wood for lightness; but any suitable material can be used. The rib B is attached by screws, or it may be made in one piece with the plate. The clamp C is made of a shape corresponding with the recess in the plate, allowance being made for the thickness of the material of the top. The clamp C is provided with a central boss E, from which arms F extend outward to the rim.

H is a projecting stud on the boss E. The frame D is made in any suitable way so as to partially surround the plate and secure the clamp in place thereon and to permit them to revolve within it.

I is a clamp-screw, provided with any suitable crank or handle, the point of which bears against the outer end of the stud H. The clamp is entirely free, so it can be removed when the pressure of the clamp-screw is released.

The arm J of the frame D is jointed at K to the frame-bar L, so that it can be swung to one side for the insertion or removal of the clamp. The arm M of the frame is fastened rigidly to the bar N; but the latter extends inward and is fitted into a socket O on the plate, so as to be free to turn therein. The apparatus is thus arranged so it can revolve within the frame, the socket O turning on the bar N and the end of the stud H turning against the end of the screw I. The bar will be fixed in any usual way to a suitable support—as, for example, to a sewing-machine or table—and in such manner as to hold the material to be sewed in operative relation to a cylinder or bed Y of a sewing-machine.

It will be observed that the rib B projects beyond the curved surface of the recess in the plate A and enters between the two thicknesses of fabric forming the band and top of the hassock. The inner edge of this projecting rib bears through the top or cover on the bed or cylinder Y of the sewing-machine during the stitching operation. The outer edge

P of the clamp also bears against the end of the cylinder and guides the apparatus, so that as it is revolved by the feed of the machine the sewing is done in a straight line. The line of stitches comes just outside of the edge of the projecting rib B.

The pins R are inserted on opposite sides of the plate in proper position to receive and sustain the ears, which are pressed thereon before the band is put on. The lugs S may also be employed to support the ears. In some cases the lugs may be employed without the pins. After having been sewed the cover of the hassock is turned right side out, the stuffing is inserted, and the bottom is attached in any suitable way.

For hassocks in which the top is made of a number of pieces the clamp C may be modified, as represented in Figs. 5, 6, and 7, being applied directly to the plate A by the stud T, which passes through an opening in the top, which opening is subsequently closed by sewing or in any other suitable way. The clamp C is in this case held in place by an eccentric U, provided with a handle, and detachably connected to the stud T by a pin engaging in the inclined slot V, Fig. 7. The frame D is conveniently made of gas-pipe, and the projecting end of the bar N may be inserted in a socket to hold the apparatus upright during the operations of applying the band, top, and clamp or for removing the sewed cover of the hassock.

In Fig. 1 I have represented the hassock-cover on the apparatus in position for the sewing, and in Fig. 4 the band W and top X are represented by dotted lines.

My invention is capable of being used for sewing other articles, such as nose-bags for horses and many other similar structures.

The presser-foot of the sewing-machine may be modified in any suitable way to prevent its bearing too heavily on the steel rib.

I claim—

1. In an apparatus for the manufacturing of hassocks, the combination with the rotatable recessed plate having the projecting rib around its periphery to support on its exterior the material for the side of a hassock, of

the clamp fitting the recess and adapted to press the material of a hassock-top therein and support its edge contiguous the edge of said side material in situation to be sewed together, suitable clamping mechanism and devices for supporting the plate.

2. In an apparatus for the manufacturing of hassocks, the combination with the recessed plate having the projecting rib around its periphery for supporting on its exterior the material for the side of a hassock, of a clamp fitting the recess and adapted to press the material of a hassock-top therein and support its edge contiguous the edge of said side material in situation to be sewed to the same, suitable clamping mechanism, and devices for supporting the plate, said devices comprising a frame having a member partially surrounding the plate and rotatably supporting the frame.

3. In an apparatus for the manufacturing of hassocks, the combination with the recessed plate having the projecting rib around its periphery for supporting on its exterior the material for the side of a hassock, of the clamp fitting the recess and adapted to press the material of a hassock-top therein and support its edge contiguous the edge of said side material in situation to be sewed to the same, suitable clamping mechanism, and devices for supporting the plate, said devices comprising a frame partially surrounding the plate and having a member rotatably supporting the frame and having also a removable member to provide for the insertion and removal of the clamp.

4. The combination with the rotatable recessed plate A, having peripheral rib B and socket O, the clamp C to hold a hassock-top against the plate, frame D having a member loosely entering the socket, and a clamp-screw I screwing through a part of the frame and bearing medially on said frame member to hold the plate against the member.

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Witnesses:

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