

July 23, 1957

M. MUTOLESE
PRESSING HEAD AND BUCK

2,800,260

Filed April 5, 1955

2 Sheets-Sheet 1

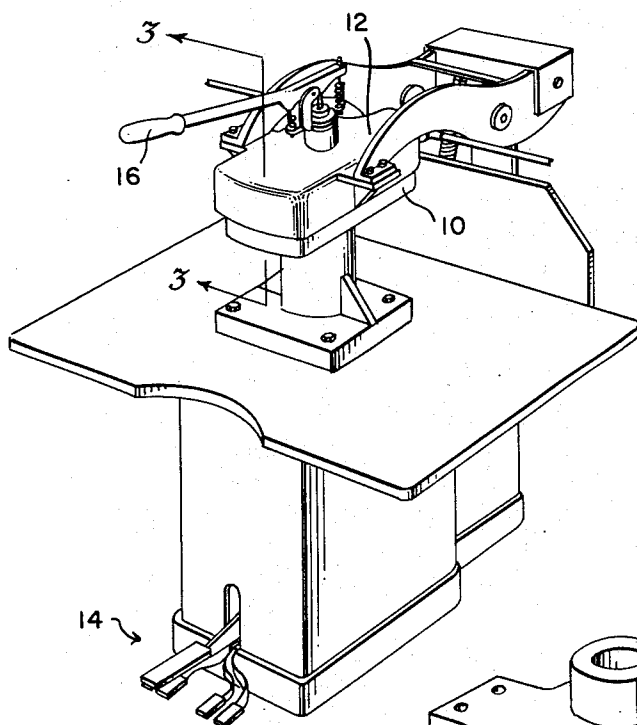


Fig. 1.

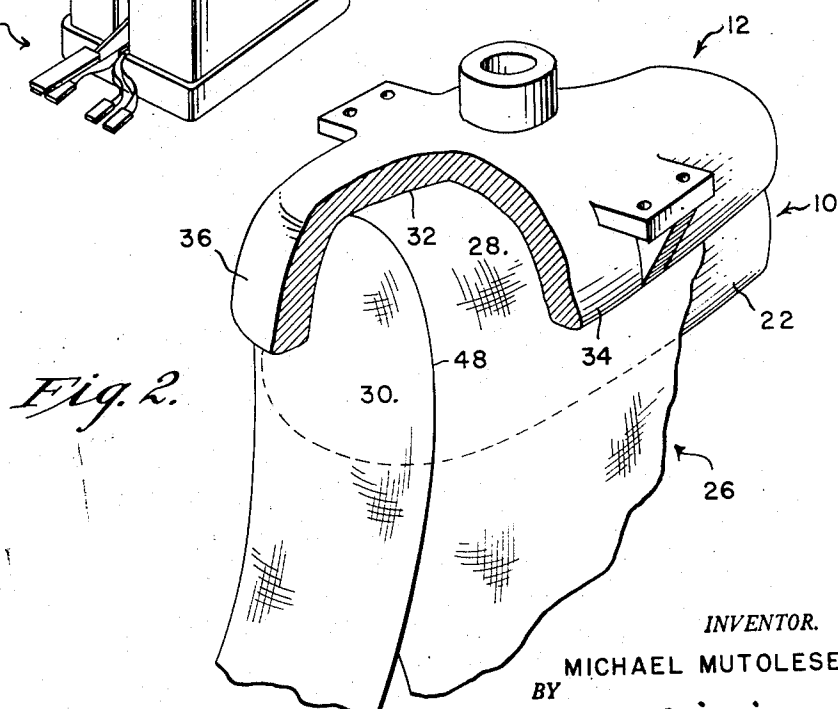


Fig. 2.

INVENTOR.

MICHAEL MUTOLESE
BY

Caesar and Rivise

ATTORNEYS.

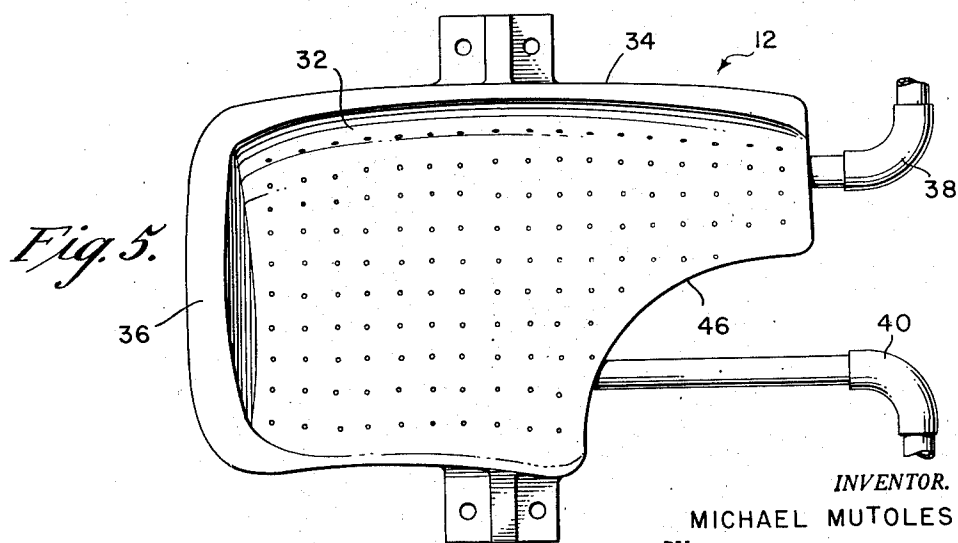
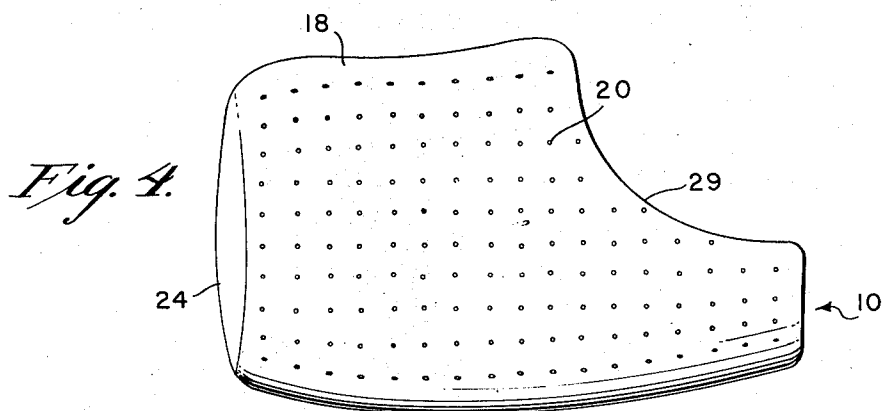
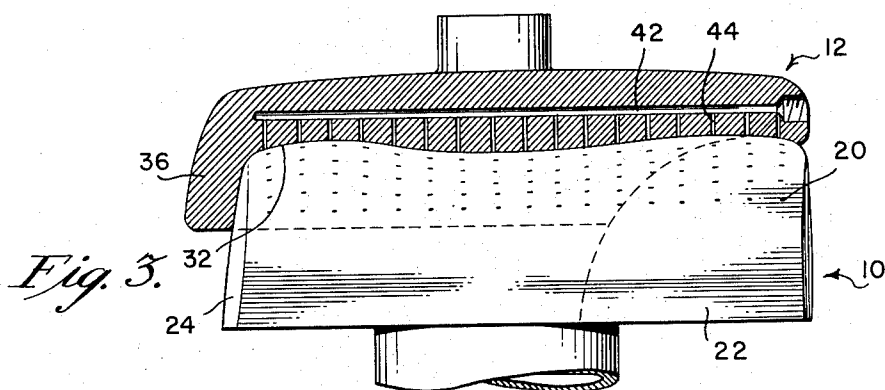
July 23, 1957

M. MUTOLESE
PRESSING HEAD AND BUCK

2,800,260

Filed April 5, 1955

2 Sheets-Sheet 2



INVENTOR.
MICHAEL MUTOLESE
BY
Caesar and Rivise
ATTORNEYS.

1

2,800,260

PRESSING HEAD AND BUCK

Michael Mutolese, Upper Darby, Pa., assignor to H. Daroff & Sons, Inc. (also known as The House of Worsted-Tex, Inc.), Philadelphia, Pa., a corporation of Pennsylvania

Application April 5, 1955, Serial No. 499,399

3 Claims. (Cl. 223—57)

This invention relates to a garment pressing machine of the type wherein a pressing head is movable into engagement with a portion of the garment that is draped over a buck.

Heretofore, it required several separate operations with separate pressing machines to effectively press the shoulder and sleeve head of a man's or woman's coat or jacket.

It is the primary object of the present invention to provide a head of such construction as to permit the effective and simultaneous pressing of the shoulder and sleeve head of a coat or jacket, thus effecting important economies in time, labor and machinery.

A further object of the invention is to provide a pressing machine having a buck on which the shoulder and sleeve head of a coat or jacket can be automatically located in proper position so that when the head engages the buck, the shoulder and sleeve head will be properly pressed in a single operation.

And yet another object of the invention is to provide a pressing machine with a means which serves the dual purpose of pressing the shoulder and sleeve head of a coat or jacket in a single operation and of preblocking the shoulder and sleeve to facilitate the subsequent and final blocking of the sleeve.

These and other objects of the invention will become more apparent as the following description proceeds in conjunction with the accompanying drawings, wherein:

Figure 1 is a perspective view of a conventional pressing machine incorporating the head of the present invention;

Figure 2 is a diagrammatic perspective view with parts broken away to illustrate the manner in which the simultaneous pressing of the shoulder and sleeve head is effected;

Figure 3 is an enlarged sectional view taken on the line 3—3 of Figure 1;

Figure 4 is a top plan view of the buck; and

Figure 5 is a bottom plan view of the head.

Specific reference will now be made to the drawings wherein similar reference characters are used for corresponding elements throughout.

A conventional garment pressing machine is indicated which includes among other things a buck 10 over which a portion of the garment is draped and a head 12 movable into and out of engagement with the buck. The machine is provided with conventional pedals as indicated at 14 for raising and lowering the head, for operating a vacuum valve and for operating a buck spray valve as well as with a hand lever 16 for operating a head spray valve.

The present invention resides in a particular construction of the head 12 which in cooperation with the buck will effect the pressing of the shoulder and sleeve head of a man's or woman's coat or jacket in a single operation, and will also preblock the shoulder and sleeve.

The buck 10 is a cast metal hollow piece which is shaped in such a manner as to include an upper outwardly

2

curved or generally convex wall 18 through which extend a plurality of vacuum holes 20 and a peripheral portion 22 including an arcuate portion or wall 24 at its front end. It will thus be seen that the buck has an arcuately curved outer surface and that the end portion or wall 24 extends transversely between and merges with the end edge portions of said outer surface.

The buck is normally provided with suitable padding and a cover. The coat or jacket 26 is draped over the buck so that the shoulder portion 28 thereof engages the upper wall 18 and the sleeve head portion 30 thereof presses against the front portion 24 of the buck as shown clearly in Figure 2.

The buck 10 is, in effect, a male member and the head 12 is a complementary female member. It, too, is a cast metal member which is shaped to fit snugly over the buck. It therefore comprises an inwardly curved or generally concave pressing surface 32 which is complementary to the outwardly curved surface 18 of the buck. The head is also provided with a peripheral portion 34 which includes a generally arcuate transversely extending front portion, skirt or lip 36 which is adapted to overhang or lap the front portion 24 of the periphery of the buck. The lip or end wall 36 of the head is outwardly curved with respect to the end portion or wall 24 of the buck. Conventional inlet and outlet steam pipes 38 and 40 are connected to the head and the interior of the latter includes a steam passage 42 with steam ports 44 opening through the pressing surface 32 of the head. The inner dimensions of the head approximate the outer dimensions of the buck, except that as shown in Figures 2 and 3, the contacting surface 32 extends across only the top of the buck, the lower edge of the head terminating short of the lower edge of the buck. The head is also provided with a rear arcuate cut out portion 46 which corresponds to the cut out portion 29 of the buck.

The curvature of the cooperating pressing surfaces of the head and buck may vary but are preferably chosen to conform to the curvature desired for the shoulder and sleeve head of a coat or jacket.

In practice, a man's or woman's coat or jacket with the collar raised is draped over the buck so that the shoulder 28 thereof, which is the portion extending from the central seam to the sleeve seam 48, bears upon the upper wall 18 of the buck and the sleeve head 30, which is the upper portion of the sleeve extending downwardly for several inches and around the seam 48, bears against the front portion 24 of the periphery of the buck.

When the head 12 is closed into the pressing position as shown in Figures 2 and 3, the raised collar portion will be received in the cut-out portion 46 of the head, the inner wall 32 of the head will bear against the shoulder of the coat or jacket and at the same time, the front skirt 36 will overlap the front portion 24 of the buck and the inner wall of said skirt 36 will bear against the sleeve head. It should be noted that the portion of the buck beneath the lower edge of the head serves to properly drape the shoulder on the buck. The inner wall 32 of the head extends across only the top of the buck so that the stretching of the shoulder is avoided during the pressing and molding operation. Therefore, in a single operation the shoulder and sleeve head will be pressed and the shoulder and sleeve will be preblocked. Two operations are required, one for the left and the other for the right shoulder and sleeve head.

While a preferred embodiment of the invention has been shown and described hereabove, it should be understood that minor variations may be made by skilled artisans without departing from the spirit of the invention and the scope of the appended claims.

I claim:

1. In a pressing machine, an elongated buck having an arcuately curved outer surface and a transversely extending end wall connected to and merging with the end edge portions of the surface at one end of the buck, the arcuately curved outer surface adapted to receive the shoulder and the end wall adapted to bear against the sleeve head of a coat, and an elongated head having an inner surface curved complementarily to the arcuately curved outer surface of the buck and having a depending transversely extending end wall member at an end of the head corresponding to the end wall of the buck whereby when the pressing head bears on the buck, in a single operation, the arcuately curved outer surface of the buck and the complementary inner surface of the head cooperate to press the shoulder and the end wall of the buck and end wall member of the head cooperate to press the sleeve head of a coat the contacting surface of the head being of such length as to extend across only the top of the

buck so that stretching of the shoulder of the coat is avoided during the pressing operation.

2. The device of claim 1 wherein the end wall member of the head is outwardly curved with respect to the end wall of the buck.

3. The device of claim 1 wherein the head includes a cut-out portion in one longitudinal side portion adjacent the end of the head opposite the end wall for receiving the raised collar of the coat thereby locating the coat for proper positioning of the shoulder on the outer surface of the buck and the sleeve head against the end wall of the buck.

References Cited in the file of this patent

UNITED STATES PATENTS

Re. 20,060	Forse	Aug. 11, 1936
2,214,178	Raynolds	Sept. 10, 1940
2,655,294	Sacchetti	Oct. 13, 1953