

J. MANOWITZ.
GARMENT FORMER.

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1,045,305.

Patented Nov. 26, 1912.

Fig. 1.

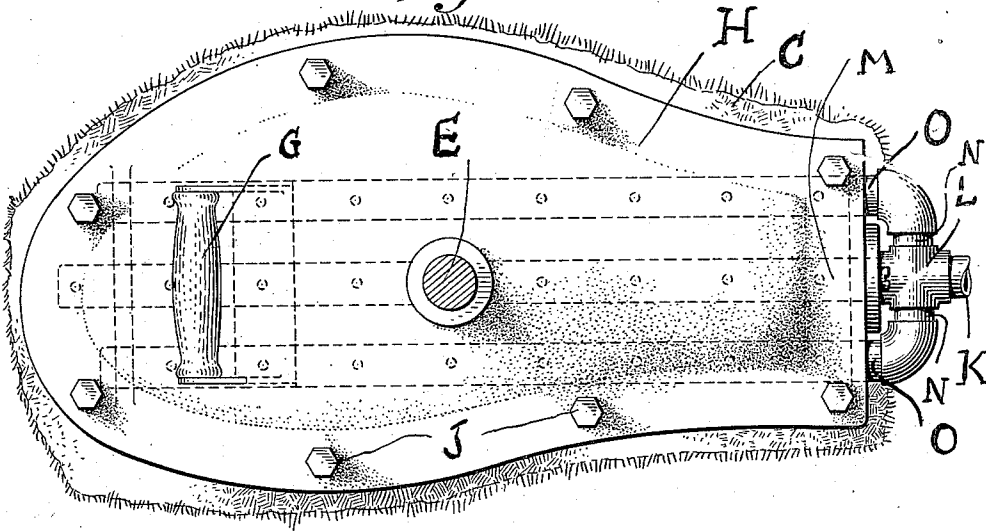
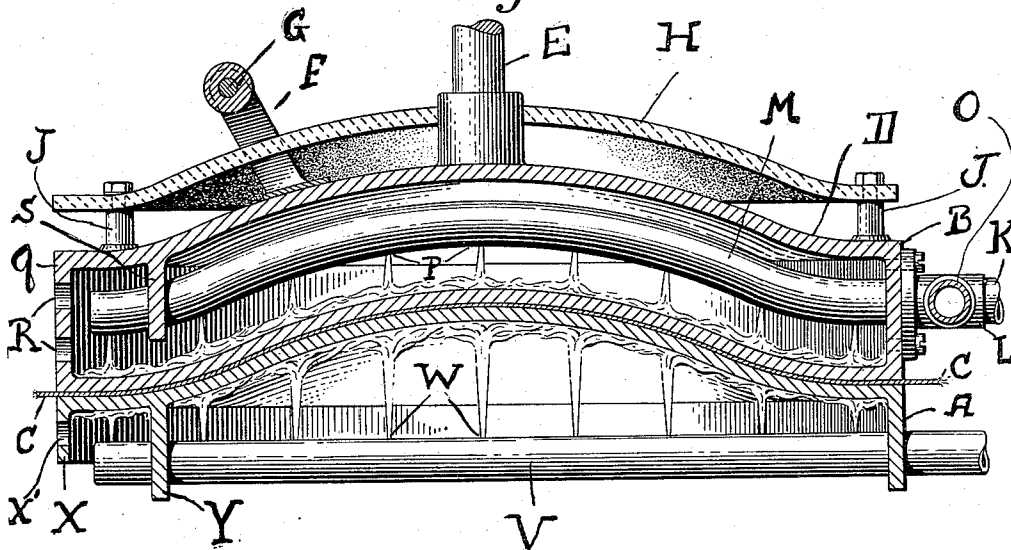


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

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GARMENT-FORMER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JACOB MANOWITZ, a citizen of the United States, residing at No. 38 Suffolk street, in the borough of Manhattan, city of New York, N. Y., have invented a new and useful Garment-Former, of which the following is a specification.

The object of my invention is to iron, shape and sponge by one operation coat front pads, with a large iron made in two sections, an upper and lower section, both of which are heated by gas, and between which the coat front pad is laid, moistened and then pressed, thereby ironing, shaping and sponging it at the same time.

With this object in view my invention consists of a device of the character and for the purposes described, embodying novel features of construction and adaptation for the purposes intended.

Figure 1, represents the top view of the iron as it appears with the coat front pad under it. Fig. 2, represents a sectional view.

The iron is composed of two hollow sections A and B. The upper section B is movable upon the lower section A and the material to be pressed C is interposed between said sections. The upper wall D of the upper section supports a post E and a pair of spaced arms F connected by a cross piece G to form a handle for moving said upper section upon the lower section. A cover or hood section H is spaced from the upper wall D by means of the spacing bolts J, the post E and arms F passing through said hood. Heat is supplied to the upper section B by means of a supply pipe K connected to a suitable heating source (not shown) and leading to a three-way coupling L from which lead a central pipe M and a pair of oppositely directed branch pipes N, connecting with other pipes O, arranged parallel to the central pipe M. Said pipes are provided with flame emission openings P in their under faces to direct the flame downwardly against the material C. One of the end walls Q of said upper section is provided with air vents or ports R, and the pipes are supported adjacent said ports by a vertical wall S depending from the upper wall D of the section. A pipe V is arranged in the lower section and has flame emission openings W in its upper face to discharge the heat supplied from a suitable source against the material thereabove. The end wall X of said lower section is also pro-

vided with air vents X', and a vertical wall Y depends from the upper wall of said section to support the pipe V. From this construction, it will be seen that the material is interposed between said upper and lower sections of the iron and that the pipes supply the heat directly against the lower and upper walls, respectively, of said sections to heat the material therebetween. It will also be noted that the upper section conforms in configuration to that of the lower section, and that said upper sections may be moved upon the lower stationary section by means of the handle and post.

After the material to be sponged, shaped and pressed is laid on the lower iron and moistened with a wet sponge the upper half of the iron, which is shaped to match the form of the lower iron, is lowered and placed upon the lower iron with the result that the material between the two is by weight and heat shaped and formed to the form desired and by the heat of the irons which are allowed to remain in position a moment, is ironed and dried.

I claim—

1. A garment former, comprising an iron composed of upper and lower hollow sections shaped to conform with each other, a hood or cover section secured to and spaced from the upper section, and means for supplying heat to said sections.

2. A garment former, comprising an iron composed of upper and lower hollow sections shaped to conform with each other, a hood or cover section secured to and spaced from the upper section, and means for supplying heat to said section, said means comprising a supply pipe delivering into a three way coupling, a pair of branch pipes leading therefrom in opposite directions, a pair of pipes connected to said branch pipes and having emission openings, a central pipe having emission openings and connected to said coupling and parallel to said pair of pipes, said pipes heating the upper section, and a pipe having emission openings arranged within and heating the lower section.

3. A garment former, comprising a sectional iron, composed of hollow sections and shaped to conform with each other and each having a vertical wall depending therefrom, pipes supported in said walls and supplying heat to said sections, and a hood secured to and spaced above one of said sections.

4. A garment former, comprising a sectional iron, composed of hollow sections and shaped to conform with each other and each having a vertical wall depending there-
5 from, a hood secured to and spaced above the upper of said sections, a supply pipe, a three-way coupling, branch pipes, a central pipe and parallel pipes connected with the branch pipes and coupling for heating said
10 upper section, said pipes being supported in the depending wall thereof, and a pipe supported in the depending wall of the lower section and supplying heat to the lower section.

5. A garment former, comprising an iron 15 composed of hollow sections shaped to conform with each other and adapted to retain a garment between their meeting faces, pipes in each section arranged to supply heat 20 against said meeting faces, a hood or cover section secured to and spaced from the upper section, a post passing through the hood and secured to the upper section, and a handle secured to said upper section.

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Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."