

Model.)

L. WOLF.

PRESSING AND DRYING GARMENTS.

No. 249,439.

Patented Nov. 8, 1881.

Fig. 1

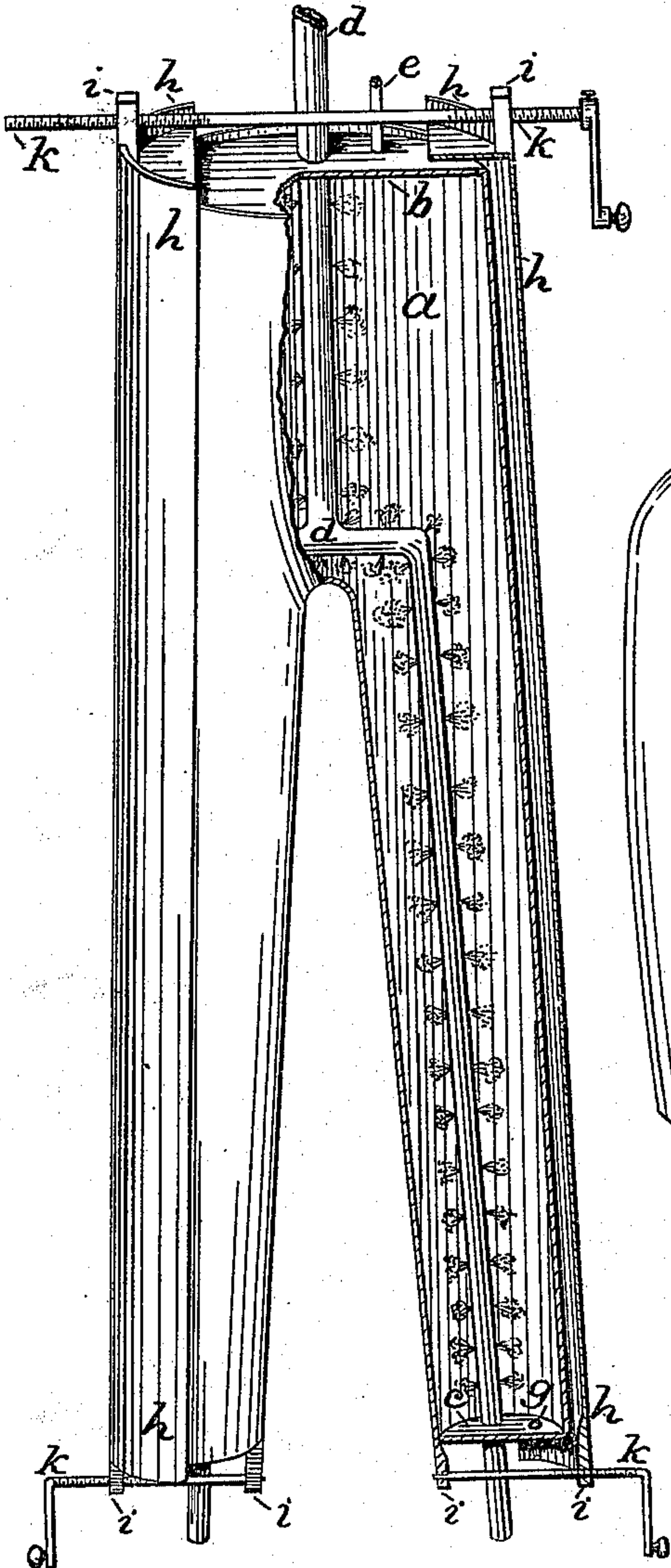


Fig. 2.

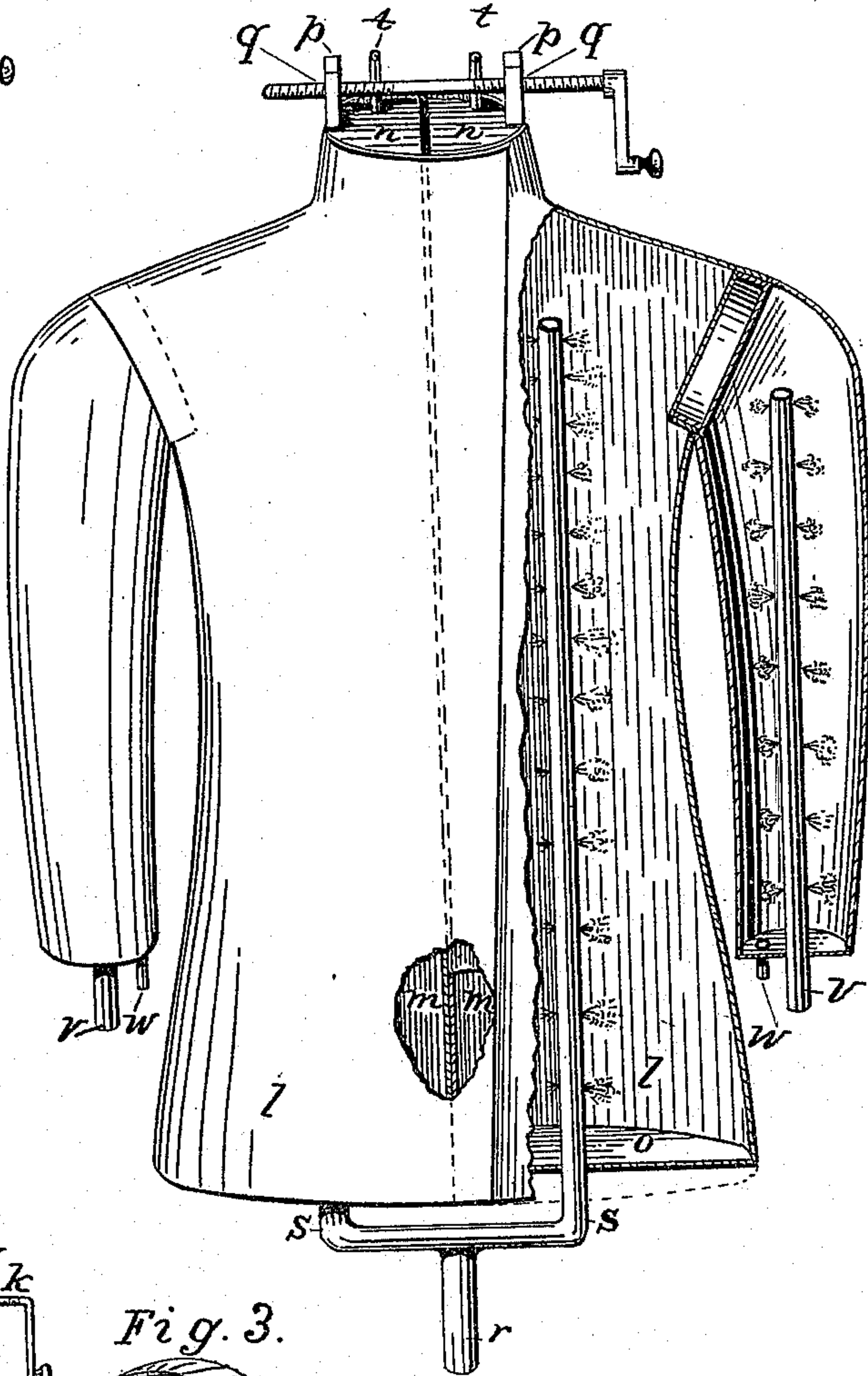
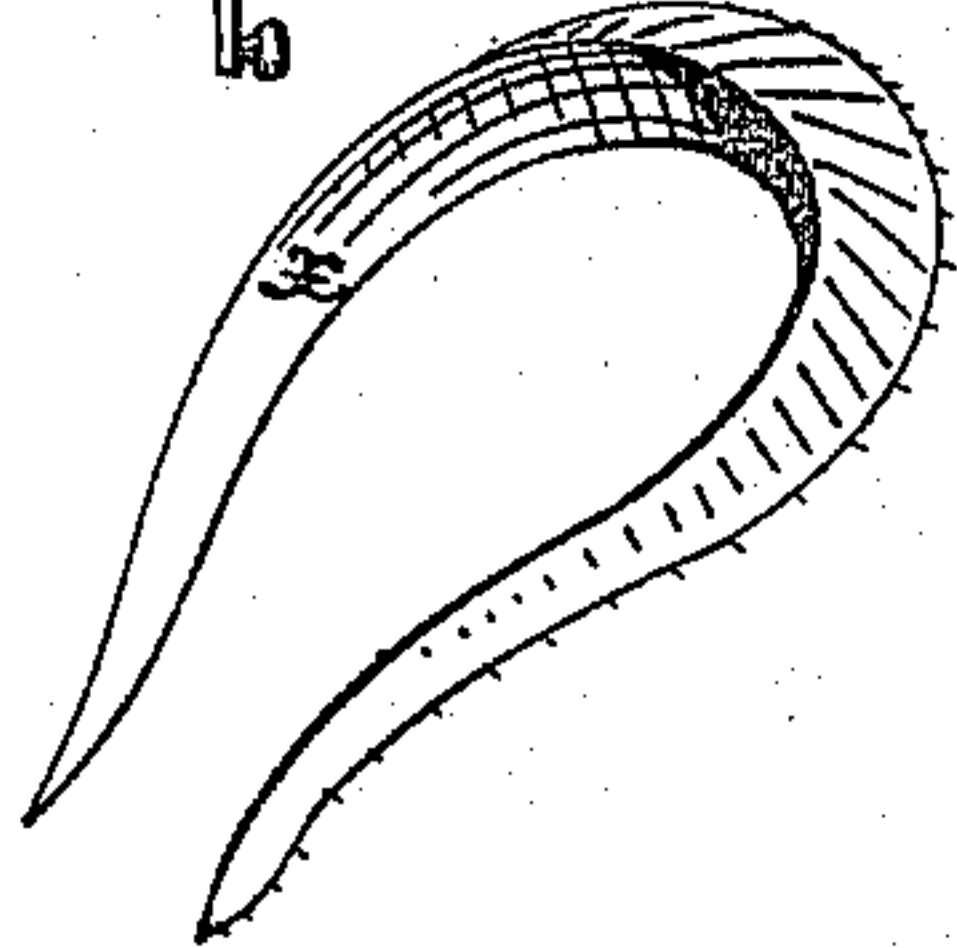


Fig. 3.



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LOUIS WOLF, OF SAN ANTONIO, TEXAS, ASSIGNOR TO HIMSELF AND
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PRESSING AND DRYING GARMENTS.

SPECIFICATION forming part of Letters Patent No. 249,439, dated November 8, 1881.

Application filed July 30, 1881. (No model.)

To all whom it may concern:

Be it known that I, LOUIS WOLF, of San Antonio, in the county of Bexar and State of Texas, have invented a new and useful Improvement in Pressing and Drying Garments; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in
10 which—

Figure 1 is a perspective view, one-half in section, of my invention as adapted for pressing and drying pantaloons. Fig. 2 is a perspective view, one-half in section, of my invention as adapted for pressing and drying coats. Fig. 3 is a perspective view of a collar-form to be used with Fig. 2.

My invention relates to improvements in pressing and drying garments; and it consists
20 in the peculiar construction and arrangement of the parts, as hereinafter more fully set forth.

In the accompanying drawings I have shown my method of drying and pressing garments as applied to pantaloons and a coat, which
25 method also can be applied to any other garment.

a represents a hollow form, made of sheet metal of the configuration of a pair of pantaloons. The hollow form is closed steam-tight
30 at its top by the head *b*, and is similarly closed at the lower ends of the legs by the steam-tight heads *c*, one for each leg.

d represents a bifurcated steam-pipe pierced with holes on its opposite sides. The upper
35 end of the steam-pipe *d* passes steam-tight through an orifice in the head *b*, and is connected with a steam-supply pipe. The steam-pipe *d* extends downward nearly to the crotch of the form, where it is bifurcated, each bifurcated part of the steam-pipe passing down a
40 leg and secured to the upper faces of the heads *c* at the lower end of the legs.

e represents an escape-pipe for the steam in the upper head, *b*, of the form, and *g g* represent holes in the heads *c c* at the lower ends
45 of the legs for the escape of the water of condensation.

h h represent semi-cylindrical half-forms, embracing the outer sides of the hollow form
50 *a*, and extending from the top to the bottom of

the inner form and adjustable thereon for pantaloons of different sizes. The upper and lower ends of the half-forms *h* are provided with projections *i i* at their ends, each having a screw-threaded orifice, through which pass at the
55 upper and lower ends of the half-forms right and left screws *k k*, whereby, by drawing on the form a larger pair of pantaloons than the form the semi-cylindrical half-sides or half-forms can be extended at top and bottom by
60 the right and left screws, so as to fit and stretch the pantaloons. By this construction it is obvious that the form *a*, with its adjustable half-forms or sides *h h*, is adapted to receive pantaloons of varying sizes drawn over them, the
65 steam heating the sheet-metal form and half-forms, drying the pantaloons, and in the process of drying the pantaloons are contracted, the hot metallic surface of the forms acting to
70 press the pantaloons during the process of drying them.

The coat form is made of two distinct and independent halves, *l l*, each having an inner side plate, *m*, the latter abutting against each other when the half-forms are closed. The
75 half-forms *l* are made steam-tight, and are closed at their upper ends by the steam-tight heads *n n*, and at their lower ends by the steam-tight heads *o o*. The half-forms *l l* are also provided with projections *p p* at their upper
80 ends, having screw-threaded holes *q q* for the passage of a right-and-left screw, whereby the half-forms *l l* can be opened at their upper ends like the letter V, the lower ends of the half-form remaining closed or opening but slightly.
85 The front and back portions of one of the half-forms *l* along the central portion of the coat-form overlaps the other half-form, so as to cover the V-space when the half-forms are opened at the top.

r represents a supply-pipe for the steam, which is introduced into the half-forms at their bottom by means of the pipes *s s*, branching from the supply-pipe and entering the lower heads of the half-forms at their lower ends.
90 The pipes *s s* are pierced with holes lying opposite each other for introducing steam into the half-forms, and the escape-pipe *t* is at the top of each form. By this construction the half-forms will be adapted to dry and press
100

coats of different sizes, the lower part of the coat-form being larger than the upper part, and the bifurcated end of the supply-pipe holding the half-forms in position and acting somewhat as a hinge.

The arm-forms are to be separate and detachable from the forms, and several sizes of arm-forms for coats of different sizes are employed. The arm-holes on the half-forms are each closed about one inch from the end, so that the arms may be placed therein. The arm-forms are steam-tight, and have an extension about one inch from the shoulder, which will fit close inside the arm-holes of the form. The arm-forms are to hang downward, and separate supply-pipes *v*, pierced with opposite holes, are placed in the bottom of the arm-forms. Escape-pipes *w* are also placed in the bottom of the arm-forms.

x represents the form for the collar of a coat, made of sheet metal, but not fastened to the coat-form or forming a part of it. The collar-form *x* is placed under the coat-collar after the latter has been placed on the form, so that the heat from the latter will have the desired ef-

fect. The coat is fastened on the form by means of a strip of sheet metal about one inch wide and having small points as near its edges as possible adapted to engage with the edges of the coat at its front opening. On the outer edges of the strip are arranged hooks, to which are secured a drawing-cord, whereby the coat is secured on the half-forms.

I claim as my invention—

1. The combination, with a hollow form of the shape of the garment to be dried and pressed, of hollow half-forms and means, substantially as described, for adjusting said half-forms on the form and heating them, substantially as described, and for the purpose set forth.

2. The combination, with the hollow pantaloons-form *a*, provided with the heads *b c c*, of the half-forms *h h*, right and left screws *k k*, and bifurcated steam-pipe *d*, substantially as described, and for the purpose set forth.

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Witnesses:

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