

(No Model.)

P. I. FIELD.
HAT SWEAT.

No. 429,341.

Patented June 3, 1890.

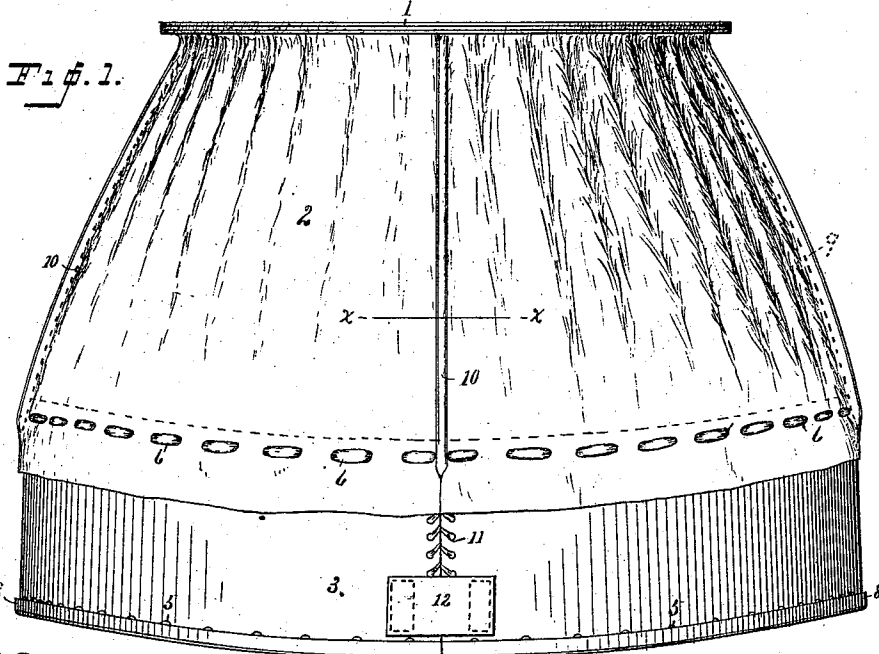


Fig. 3.

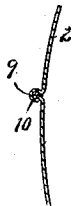


Fig. 2.



Fig. 4.

Fig. 5.

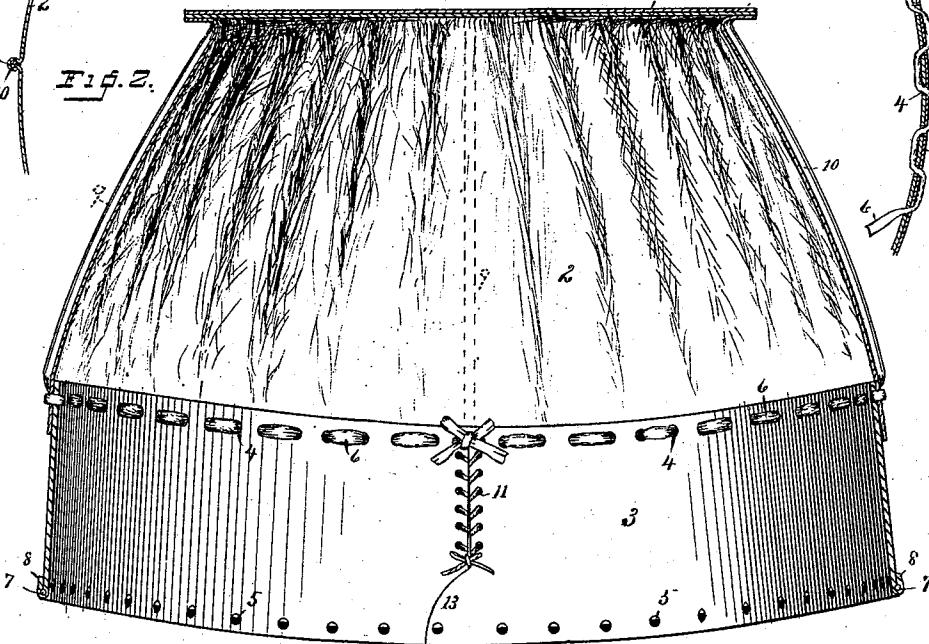
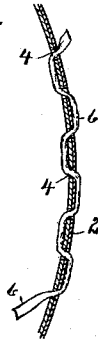
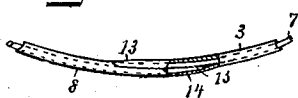


Fig. 3.

WITNESSES

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INVENTOR

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UNITED STATES PATENT OFFICE.

PHILENA I. FIELD, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO
WILLIAM LAWRENCE, OF SAME PLACE.

HAT-SWEAT.

SPECIFICATION forming part of Letters Patent No. 429,341, dated June 3, 1890.

Application filed November 7, 1889. Serial No. 329,548. (No model.)

To all whom it may concern:

Be it known that I, PHILENA I. FIELD, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Hat Linings and Sweats; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to the trimming of hats, and has for its object to produce hat linings and sweats adapted to be manufactured and sold as articles of commerce wholly independent of the hats in which they are to be used, the special objects being to produce an article which shall be neat and attractive in appearance, which shall be sufficiently yielding to conform to moderate variations in the sizes of hats, which shall be so constructed that the stitches by which it is attached in place shall be concealed from view, and other changes in the details of construction hereinafter fully described, and then specifically pointed out in the claims.

In the accompanying drawings, forming part of this specification, Figure 1 is an elevation of my novel lining and sweat detached, showing the outer side of the sweat at the back; Fig. 2, a transverse section thereof, showing the inner side of the sweat at the back; Fig. 3, a section on the line *xx* in Fig. 1, showing one of the braces by which the tip is supported; Fig. 4, a section of a portion of the body of a hat near the brim, showing the stitches by which my novel lining and sweat are secured in place; Fig. 5, a section of a portion of the side lining and sweat, showing the manner in which they are secured together by lacing; and Fig. 6 is an inverted plan view, partially broken away, of a portion of the sweat at the back, showing the manner in which the ends of the sweat are joined together so as to be held firmly in place, but at the same time permit expansion at the seam.

In the manufacture of hats it is common to speak of the top lining and the side lining together as the tip. For convenience in description, however, I shall use the term "tip"

to designate the top portion only of the lining, which I have indicated in the drawings by 1. The side lining I have indicated by 2. These parts may be of the ordinary or any preferred construction.

In practice the tip usually consists of a piece of paper having a lining of satin secured thereto, the side lining being secured to the edge of the tip.

3 denotes the sweat, which is provided near its upper edge with holes 4, and near its lower edge with holes 5. I preferably secure the side lining and sweat together by means of a lacing 6 of chenille, silk cord, or ribbon, which is passed in and out through the holes at the upper edge of the sweat and through the side lining, as is clearly shown in Figs. 2 and 5. I find this a comparatively inexpensive way of securing the sweat and side lining together, and that it gives to the sweat and lining a very neat and attractive appearance when in position in a hat. The lower edge of the sweat is turned over outward, wrapped around a wire or reed 7, and cemented or otherwise secured in place, as clearly indicated in Fig. 2. The turned-over edge of the sweat, which I designate as 8, extends upward far enough on the outer side of the sweat to cover or nearly cover the holes 5, which are so located as to be slightly above the wire.

The sweat and lining are secured in place in a hat by stitching through the hat, the needle being passed through the body of the hat and one of the holes 5 and then outward again through the same hole, so that the stitching upon the inner side of the hat will be through the turned-over edge 8 of the sweat, but not through the inner side of the sweat, and will lie in the hole, so as not to show upon the inner side of the hat or produce the slightest roughness. The holes, moreover, serve as ventilators in the usual way and add greatly to the comfort of the hat.

When the side lining is made of fine light material, I ordinarily support the tip in place by means of braces—*i. e.*, wires or reeds 9— which I place in pockets 10, formed in the side lining, the lower ends of these braces being secured to the lower edge of the side lining and the upper ends to the tip.

In practice it is frequently found conven-

ient to use a sweat in a hat of a size larger or smaller than the normal size of the sweat. It is furthermore well known that the same number in different makes of hats will vary
 5 so greatly in shape and size as to make it difficult to fit the sweats in place. In order to make the sweat self-conforming to different sizes and shapes of hats within reasonable limits, I secure the ends of the sweat
 10 loosely together by means of a lacing 11. Upon the outer side of the sweat I attach a strip 12 of elastic, which acts to draw the ends slightly toward each other.

In order to insure a neat joinder of the
 15 ends and to preserve the curvature of the sweat, I provide one end of the sweat with an overlapping piece 13, which lies upon the inner side of the sweat, as clearly shown in Fig. 2; provide a socket 14 upon the outer
 20 side of the same end of the sweat, and extend the end of wire 7 beyond the opposite end of the sweat, as at 15, this projecting end being adapted to engage socket 14, as shown in Figs. 4 and 6, thereby holding the ends of
 25 the sweat in position and preserving the curvature of the sweat.

Having thus described my invention, I claim—

1. A self-conforming hat-sweat having at one end upon the inner side an overlapping
 30 piece with a socket at the back thereof, said sweat having also a wire at its lower edge, one end of which projects beyond the end of the sweat and engages the socket, a lacing
 35 on the inner side loosely connecting the ends, and an elastic on the outer side, also connected to both ends, substantially as described.

2. A hat-sweat having at its lower edge a wire and above said wire a series of holes,
 40 the lower edge of said sweat being turned outward over the wire and secured thereto and partially covering the holes, so as to permit the stitching of the sweat in place through
 45 the holes without stitching through the inner side of the sweat, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

PHILENA I. FIELD.

Witnesses:

ROBT. AULD,
 THOS. AULD, Jr.