

R. H. & H. D. CURTIS.
HAT SIZE REDUCING DEVICE.
APPLICATION FILED DEC. 2, 1908.

949,264.

Patented Feb. 15, 1910.

Fig. 1.

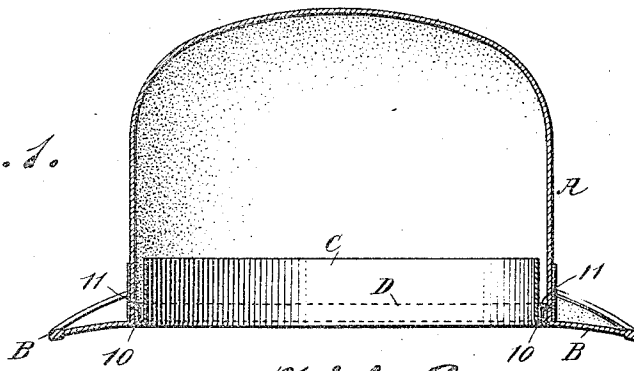


Fig. 2.

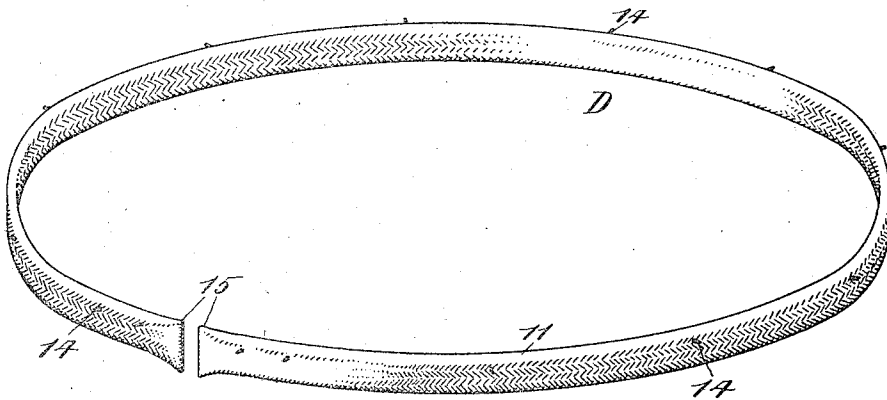
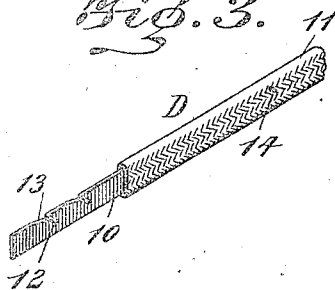


Fig. 3.



WITNESSES

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HAT-SIZE-REDUCING DEVICE.

949,264.

Specification of Letters Patent. Patented Feb. 15, 1910.

Application filed December 2, 1908. Serial No. 465,690.

To all whom it may concern:

Be it known that we, ROBERT H. CURTIS, residing at Long Branch, county of Monmouth, and State of New Jersey, and HENRY D. CURTIS, residing at Red Bank, county of Monmouth, and State of New Jersey, citizens of the United States, have invented certain new and useful Improvements in Hat-Size-Reducing Devices, of which the following is a specification.

This invention relates to certain improvements in that class of devices which are particularly designed and adapted for application to hats for reducing the sizes thereof, and the object of the invention is to provide a device of this general character of a simple and comparatively inexpensive nature, capable of convenient application to or, removal from the hat, and presenting certain features of novelty and improvement, whereby the device is securely retained in position during use and is prevented from marring the appearance of the hat itself or discomforting the wearer.

The invention consists in certain novel features of the construction, and combinations and arrangements of the several parts of the improved hat reducing device, whereby certain important advantages are attained, and the device is rendered simpler, less expensive, and otherwise better adapted and more convenient for use, all as will be hereinafter fully set forth.

The novel features of the invention will be carefully defined in the claims.

In order that our invention may be the better understood we will now proceed to describe the same with reference to the accompanying drawings, wherein—

Figure 1 is a vertical section taken through a hat showing our improved hat reducing device applied thereto for use; Fig. 2 is a perspective view, drawn to an enlarged scale, showing the reducing device embodying our improvements, and Fig. 3 is a fragmentary perspective view showing certain features of construction to be hereinafter referred to.

In these views, A represents the crown of a hat to which we have shown our improved hat reducing device applied for use, and B represents the brim thereof, while C represents the sweat band of the hat.

D represents the improved size reducing

device as a whole, said device being constructed in the form of a thin, flexible, elongated strip adapted to be inserted and held within the hat between the crown and sweat band thereof above the point whereat the sweat band is stitched to the hat, so that the device is entirely concealed from view by the sweat band as will be readily understood.

As shown in Fig. 3, the improved size reducing device comprises a core or body portion 10, which may be conveniently formed in one elongated strip or piece from some suitable thin flexible material, such as steel, whalebone, celluloid or the like, and a sheath or covering member 11, wherein said core or body portion 10 is inclosed in such a way as to afford a neat appearance or finish to the device, and to prevent damage to the hat or its sweat band in case the core or body portion should become corroded during use.

As herein shown, the sheath or covering member is made in tubular formation from knitted or woven material, but it may obviously be otherwise formed. For example, said sheath or covering member may be made from rubber, leather or the like, if desired. Where said sheath is formed from soft or yielding material, however, it affords a cushioned surface at its side next the sweat band, so as to prevent uncomfortable pressure upon the head of the wearer.

As indicated at 13 in Fig. 3, the edge of the core or body portion 10 of the device is notched or cut at intervals along its length, and at said notches or cuts integral pointed spurs or projections are struck up therefrom, as clearly seen at 12 in Fig. 3, and these pointed spurs or projections are of such lengths as to be adapted to protrude beyond the outer surface of the sheath or covering member 11, when the same is applied over said core or body portion, so that their pointed extremities are caused to project beyond said sheath or covering member as indicated at 14 in Figs. 2 and 3, in position for effective engagement with the crown of the hat to retain the device securely in place during use. Where the sheath or covering member 11 is made in tubular form, as herein illustrated, it may be of such profile as to permit of being conveniently slipped over the elongated core or body portion, so as to house or inclose the same as indicated upon

the drawings, and when thus applied, its extremities may be closed by cementing or otherwise, as indicated at 15 in Fig. 2, so as to prevent the protrusion of the core or body portion therefrom.

Where the improved device is formed from resilient material, the inherent resiliency of such material will obviously aid in retaining it in position within the hat, and will serve to maintain the pointed spurs or projections engaged with the fabric of the hat crown. The thickness of the device may also be varied, if desired, so as to better accommodate the device for use.

From the above description of our invention, it will be seen that the size reducing device constructed in accordance therewith is of an extremely simple and comparatively inexpensive nature, and is particularly well adapted for use by reason of the convenience with which it may be applied to the hat and the security with which it is retained in position during use, and it will also be obvious from the above description that the device is susceptible of some modification, within the scope of the appended claims, without departure from the principles and spirit of the invention, and for this reason we do not desire to be understood as limiting ourselves to the precise formation and arrangement of the several parts of the device as herein set forth in carrying out our invention in practice.

Having thus described our invention, what

we claim and desire to secure by Letters Patent is—

1. A size reducing device for hats consisting of a core or body portion of spring material, spurs projected outwardly therefrom, and a covering member of yielding material which surrounds said core or body portion and through which the said spurs are extended.

2. In combination with a hat crown and sweat band, a size reducing device adapted to be located between said sweat band and crown, and consisting of a body or core of spring material, a tubular sheath member enveloping said core or body, and spurs carried by said body and extended outwardly through said sheath member.

3. As an improved article of manufacture, a size reducing device for hats comprising a flat body portion or core of resilient material adapted to the inner face of a hat crown, a covering member of pliable material for the body portion or core, and spurs that extend outwardly from the core or body portion and through said covering member.

In witness whereof we have hereunto signed our names this 22nd day of September 1908, in the presence of two subscribing witnesses.

ROBERT H. CURTIS.
HENRY D. CURTIS.

Witnesses:

J. FRED ACKER,
CLINTON HARRISON.