

C. L. Rahmer.

Ventilating Hats.

N^o 48092

Patented Jun. 6, 1865.

Fig: 1

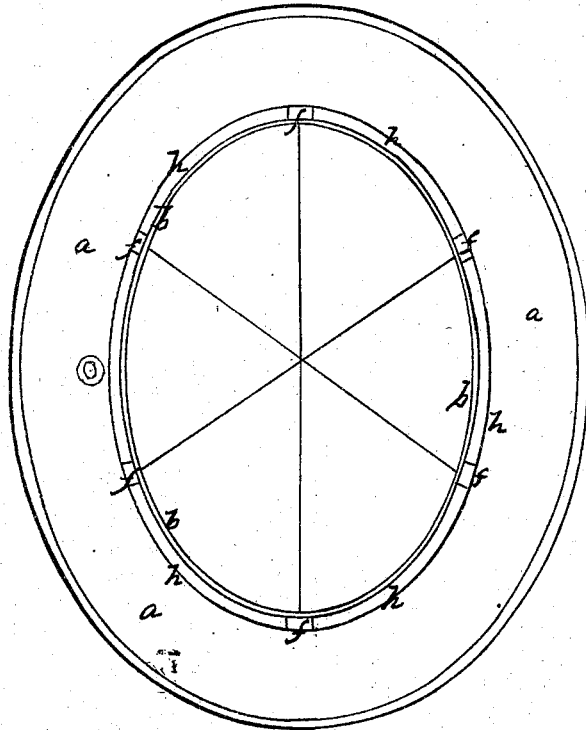


Fig: 3

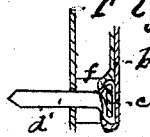
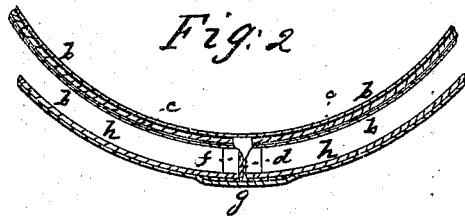


Fig: 2



Witnesses

Geo. Busch

Wm. Frewin

Inventor

Chas L Rahmer

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UNITED STATES PATENT OFFICE.

CHAS. L. RAHMER, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN HATS.

Specification forming part of Letters Patent No. 48,092, dated June 6, 1865.

To all whom it may concern:

Be it known that I, CHARLES L. RAHMER, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Hats and Caps; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention relates to the mode of attaching to hats or caps that portion of its lining which comes in direct contact with the head as the hat or cap is worn; and it consists in inserting within the lower edge of the piece of leather, enamel cloth, or any of the other materials generally used for that purpose, by means of sewing or in any other proper manner, a narrow flexible metallic or other suitable band, provided with a series of sharp-pointed projecting pins of any desired number and at short distances apart, on which pins small rubber or other suitable elastic cushions are placed, that as the pins are driven into and fastened in the hat or cap, as the case may be, come to a bearing against the same, thus leaving small open spaces between the metallic lining-strip and the hat, &c., at and between each of the said rubber cushions.

By thus attaching the lining to and in hats and caps when worn upon the head, it not only adjusts itself and conforms to the peculiar outline or contour of the same, thus producing ease and comfort, but also enables a circulation of fresh air to be preserved within the interior of the hat or cap, which in extreme warm weather is quite desirable, as well as beneficial to the health.

In accompanying plate of drawings my improvements are represented—

Figure 1 being a view of the under side of a hat; Fig. 2, a partial section, showing a portion of flexible band and one of its pins and cushions with the pin secured in the hat; and Fig. 3, a vertical section through a pin and its cushion.

a a in the drawings represent a hat, which can be made of any desired shape, material, size, or style; *b b*, its lining, which may consist of a strip of leather, oil or enamel cloth, or any other of the ordinary materials used for that purpose, in the lower edge of which,

and extending entirely around its length, a thin and narrow flexible metallic or other suitable band, *c*, is inserted and held by means of sewing, or in any other proper manner, which band, at suitable distances apart, is provided with a series of short sharp-pointed projecting split pins, *d d d*, &c. On each of the pins *d d d* is placed a small elastic cushion, *f*, made of rubber or other suitable elastic material.

When the lining is provided, as above described, with a metallic band and is inserted in the hat, its pins *d d* are driven into the same from the inside, and then fastened on the outside by nipping or in any other proper manner, as seen at *g* in Fig. 2, bringing the rubber cushions to bear against the hat, and leaving a series of open spaces, *h h*, &c., between the band and hat, entirely around the same, through which openings a circulation of fresh and pure air is continually supplied to the interior of the hat as it is worn, the advantages of which have been before stated.

By the use of a flexible band within the lining of a hat, together with elastic cushions at the points of the same where it is joined to the hat, it is evident that a perfectly flexible and adjustable interior lining or bearing-surface for the head is secured, the advantages of which are many, as it enables a hat to be more readily fitted to a person's head and to more fully conform to its contour.

Another advantage which is also secured by my improvements, in addition to those above enumerated, and which is of much importance in the wearing of light-colored hats or caps, is that the soiling of the exterior of the same by the perspiration of the head is entirely obviated, as the space between the hat and the lining entirely prevents the penetration of moisture to the hat.

I claim as new and desire to secure by Letters Patent—

A flexible band made of metal or other suitable material, provided with a series of sharp-pointed pins or other proper fastening devices and rubber or other suitable elastic cushions, arranged together substantially as described, and for the objects specified.

CHAS. L. RAHMER.

Witnesses:

M. M. LIVINGSTON,
ALBERT W. BROWN.