

F. Degen.

Hats & Caps.

N° 9442

Patented Dec. 7, 1852

Fig. 1.

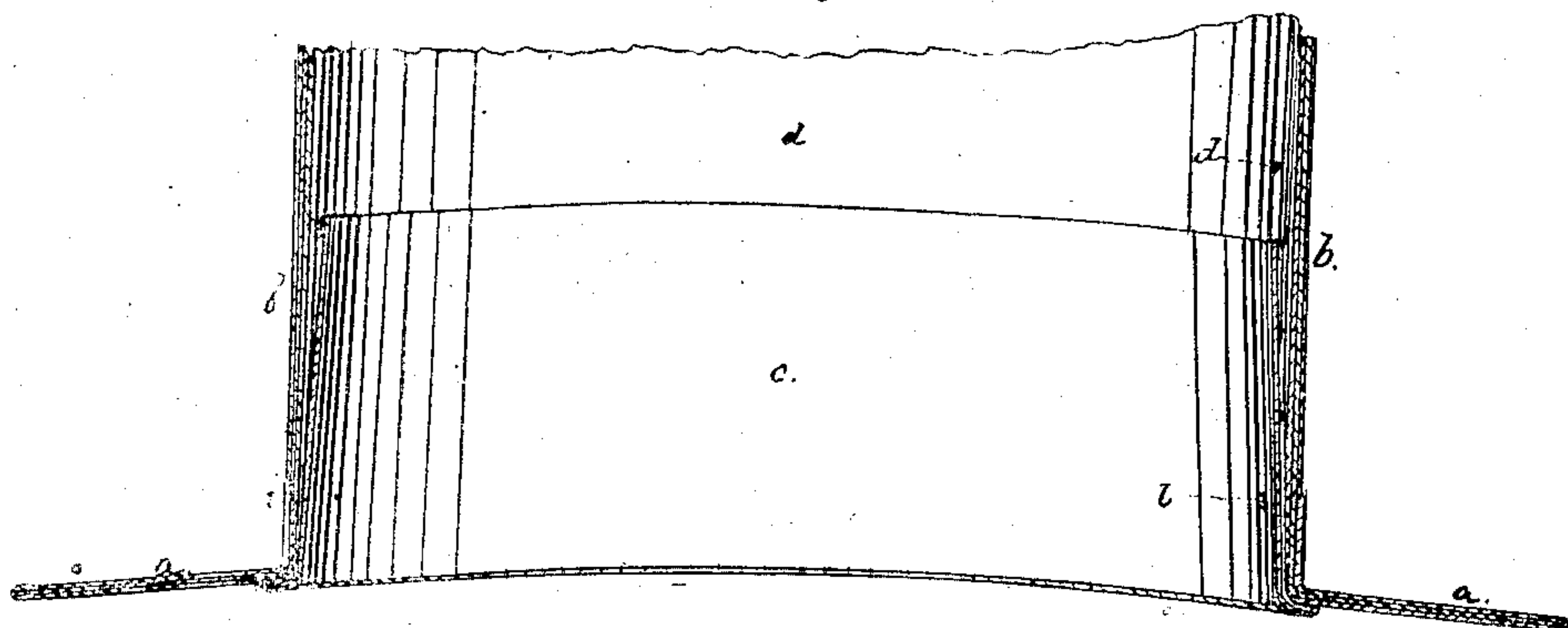
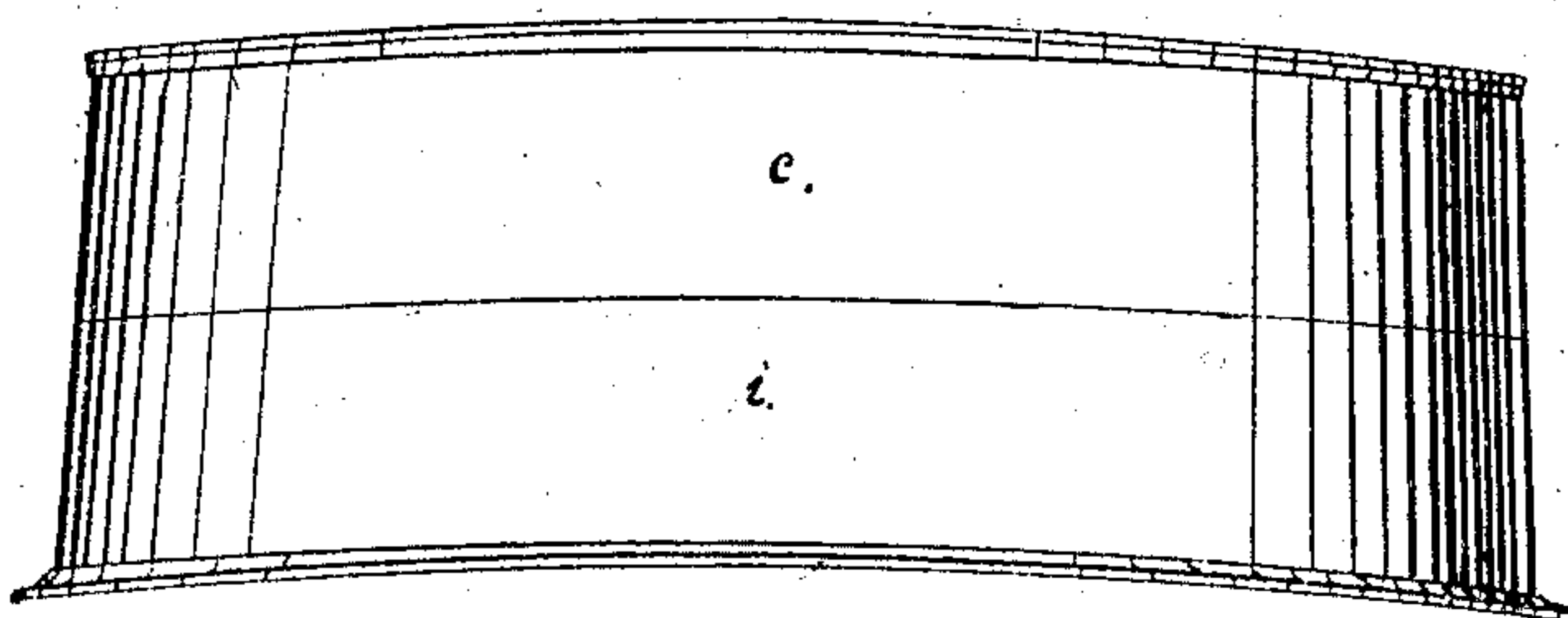


Fig. 2.



Witnesses.

Geo. W. Reid

Samuel W. Perrell

Inventor.

Francis Degen

UNITED STATES PATENT OFFICE.

FRANCIS DEGEN, OF NEW YORK, N. Y.

HAT.

Specification of Letters Patent No. 9,442, dated December 7, 1852.

To all whom it may concern:

Be it known that I, FRANCIS DEGEN, of the city, county, and State of New York, hat manufacturer, have invented, made, and applied to use a new and useful Improvement in Protectors for Hats by Which the Perspiration is Prevented from Staining or Discoloring the Hat and Band; and I hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, making part of this specification, in which—

Figure 1, is a section of the lower part of a hat with the protector as in place. Fig. 2, is an exterior elevation of the protector as removed from the hat.

The like marks denote the same parts.

a, is the rim and *b*, the sides of a hat of any ordinary shape or material.

c, is the leather or what is usually termed the sweat, but may equally well represent oil silk or varnished cloth or other protector now in use on the inside of hats. In this situation and with these materials the sweat from the forehead or the other parts of the head will insinuate itself into the material and pass through the pores, staining and discoloring the hat and band. This is particularly the case with light colored hats in a warm climate. To prevent this I insert a band or strip of very thin metallic foil or plate between the sweat leather and the hat, and cause the same to adhere to either the hat itself at the junction of the sides with the rim or to the exterior of the sweat leather or similar protector now used; and care should be taken that this metallic strip extends slightly over the lower side and inner

edge of the rim so as to prevent the perspiration touching either the rim or sides of the hat (see Fig. 1). This metallic band is shown at *i*, Figs. 1 and 2.

d, is the ordinary lining of the hat, (see Fig. 1).

For the metallic protector I prefer the ordinary tin foil, made to adhere to either the hat or sweat leather or both, by the ordinary hatters' shellac varnish, although other metal or varnish may be used.

The advantage of this metallic protector is that the metallic pores being so much closer than any of the substances heretofore used that a very thin strip of foil or metallic leaf will prevent the perspiration from penetrating to the outside and thereby the outside of the hat is preserved from stain or discoloration now usual.

I am aware that metallic rings or bands have been used in helmets and similar articles for the purpose of a support, but I do not know of any hat in which a thin strip of foil has been inserted between the leather or sweat and the hat.

Therefore what I desire to secure by Letters Patent is,

I claim the metallic strip or strips inserted between the leather or sweat and the hat and attached to either or both the hat or sweat as described and shown.

In witness whereof I have hereunto set my signature this thirty-first day of July one thousand eight hundred and fifty two.

FRANCIS DEGEN.

Witnesses:

GEO. W. REID,

LEMUEL W. SERRELL.