(No Model.)

R. H. TRESTED.

HAT AND OTHER HEAD COVERINGS.

No. 270,155. Patented Jan. 2, 1883.

Fig. 1.

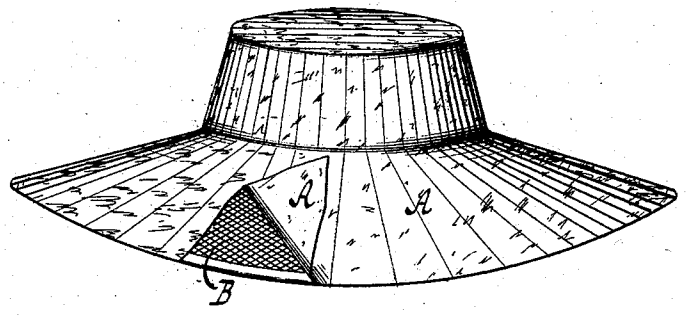
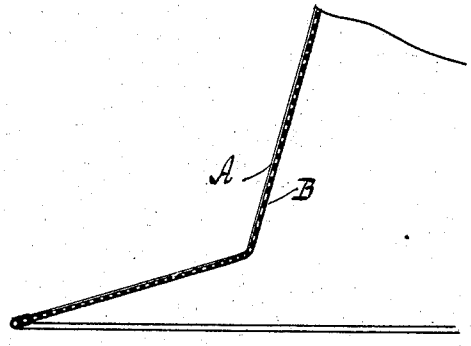


Fig. 2.



WITNESSES:

Otto Hupfeld

William Miller

INVENTOR

Richard H. Trested

BY Van Santvoord & Hauff

ATTORNEYS

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

RICHARD H. TRESTED, OF GREENVILLE, NEW JERSEY.

HAT OR OTHER HEAD-COVERING.

SPECIFICATION forming part of Letters Patent No. 270,155, dated January 2, 1883.

Application filed December 5, 1882. (No model.)

To all whom it may concern:

Be it known that I, RICHARD H. TRESTED, a citizen of the United States, residing at Greenville, in the county of Hudson and State of New Jersey, have invented new and useful Improvements in Hats or other Head-Coverings, of which the following is a specification.

My invention has reference to an improved hat for ladies', children's, and men's use, which is made from a light sheet of metal with a woven fabric or its equivalent as a support.

This invention is illustrated in the accompanying drawings, in which Figure 1 represents a perspective view of a hat embodying my invention. Fig. 2 represents a section of the hat, showing the metal and the support on a larger scale than the previous figure.

Similar letters indicate corresponding parts.

In carrying out my invention I take a piece of woven fabric made from cotton, wool, or any other substance—such as leather or paper—and I treat this fabric with a solution of shellac or any other suitable stiffening material which has the effect of retaining the hat in shape. I then cut a piece of the fabric the size required for a hat and press the same into any desired shape by means of suitable heated dies in the same manner as usually done by the manufacturers of hat and bonnet frames. I then take a piece of thin-rolled sheet metal and cover the hat or bonnet frame by sticking the metal to the hat or bonnet frame. I then subject the hat or bonnet to a heated die. The die can be engraved any pattern wanted to emboss the face of the metal, either in imitation of straw, fine chip, leghorn, or other braid.

To accomplish the embossing, I employ a powerful embossing, hydraulic, or screw-die press. The die should co-operate with a counter-die of rubber to fit the same.

The great advantages of my hat are that it can be made very light by having the metal for the facing rolled very thin, the support for the metal will prevent it from getting out of shape, and at the same time the hat is sufficiently pliable to bend without breaking. Thus a firm, light, elastic, and water-proof hat is produced, capable of being cleansed by washing without injury to the structure or diminishing its novel and distinguishing qualities.

By the use of the metal face the hat can be colored or printed with any water-proof colorings, and will retain the gloss, so much desired for hats for ladies', children's, and men's use, since the metal will not absorb the coloring-matter like a fabric or straw braid.

By the use of colored metals a good imitation of a silver or gold hat can be produced.

The hat can be lined on the inside of the fabric or support with thin metal before it is embossed, or it can be lined after it is embossed with any desired lining of silk or other material to suit the fancy of the milliner.

In the accompanying drawings, the letter A designates the metal facing, and B is the support.

I do not claim a hat made of an embossed fabric, as such is not new; but

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

A head-covering made of a flexible metal facing and a support of a textile material, paper, leather, or other equivalent substance, substantially as herein shown and described.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

RICHARD H. TRESTED. [L. S.]

Witnesses:
W. HAUFF,
CHAS. WAHLERS.