

A. Bailey. Hat.

No 47269.

Patented April 18. 1865.

Fig. 3.

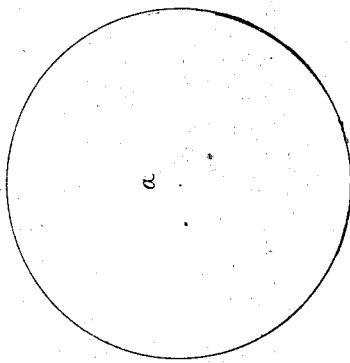


Fig. 1.

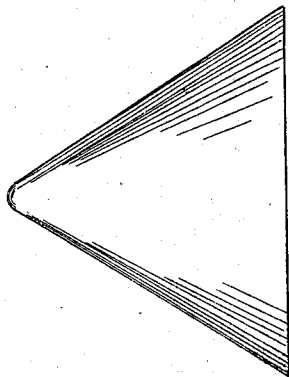


Fig. 2.

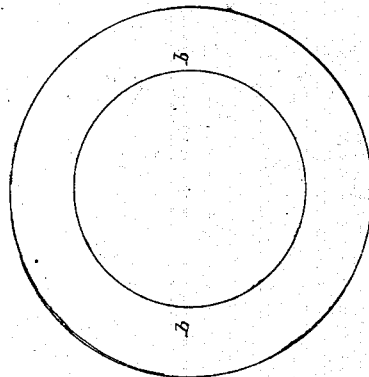


Fig. 5.

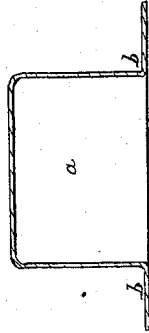
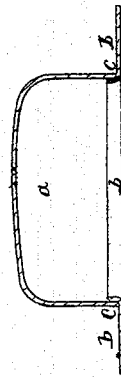


Fig. 4.



Witnesses.

H. P. Hall Jr.
H. E. Fisher

Alfred Bailey

by his attorney
R. W. Lutz

UNITED STATES PATENT OFFICE.

ALFRED BAILEY, OF AMESBURY, MASSACHUSETTS.

IMPROVEMENT IN MAKING PRINTED FELT HATS.

Specification forming part of Letters Patent No. 47,269, dated April 18, 1895.

To all whom it may concern:

Be it known that I, ALFRED BAILEY, of Amesbury, in the county of Essex and State of Massachusetts, have invented a new and useful Improvement in the Art of Making Printed or Embossed Felt Hats; and I do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 denote the conical or original form in which the hat is made or felted. Fig. 2 is a view of the rim part reduced to a plane, ready for being printed or embossed. Fig. 3 is a view of the body reduced to a plane or flat shape for being printed or embossed. Fig. 4 is a section of the two parts of the hat as subsequently formed and arranged for the purpose of being connected together.

In carrying out my invention I take the hat-body formed or felted into the shape of a hollow cone, and block it on a hatter's block of the required size and shape which will approximate to that shown in Fig. 5, which denotes a vertical section of it. Next the body part *a* is to be cut or separated from the main portion *b* on a line, *c c*, near the base of the body. After this has been done each of the parts *a b* is to be reduced to a flat plane, as shown in

Figs. 2 and 3, by steaming and wetting and "putting out" the fabric in a manner well known to workers in felt. The next step of the process is to print or emboss the external surface of each portion with the figure or figures required, after which each part is to be again blocked or brought into the shape necessary for being sewed or connected together, such shapes being represented in Fig. 4.

In the common way of making printed felt hats the felt cone shown in Fig. 1, after being blocked nearly or quite to the shape required, is compressed together, so as to be flat on two opposite sides, after which each side is printed or stamped with the figure or figures. The junction of the two imprints is apt to produce an irregular seam or joining through the entire outer surface of the hat, all of which is avoided by my invention or improved process of making the hat.

What I claim as my invention is—

My improved mode, as above described, of making a printed or embossed felt hat.

ALFRED BAILEY.

Witnesses:

R. H. EDDY,
F. P. HALE, Jr.