

(No Model.)

A. H. FRITSCH.  
HAT.

No. 403,934.

Patented May 28, 1889.

Fig. 1.

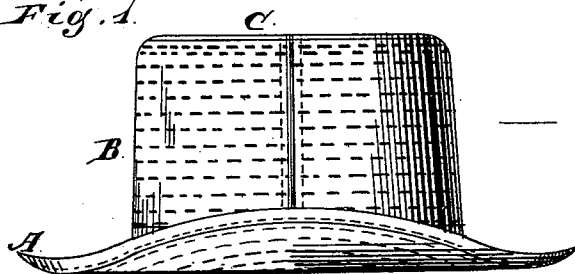


Fig. 4

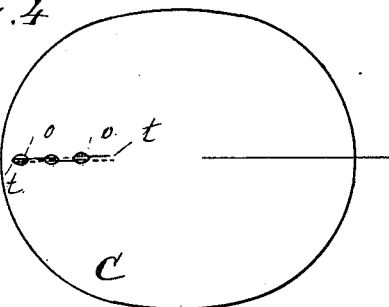


Fig. 2.

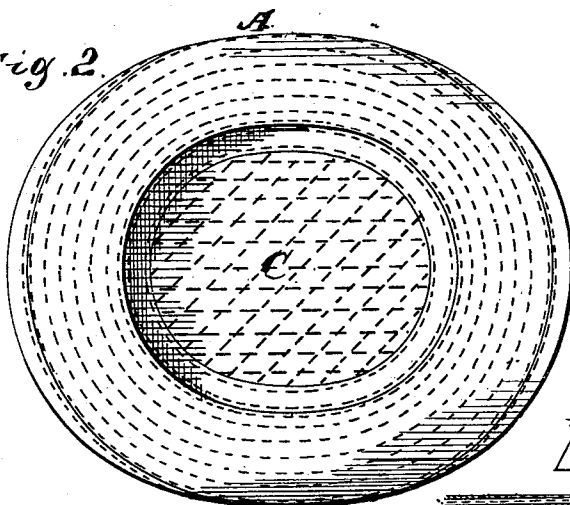


Fig. 5.

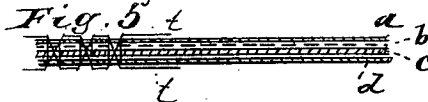


Fig. 11.

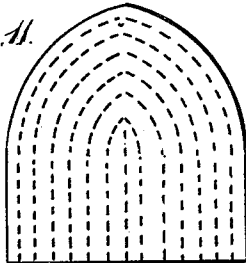


Fig. 3.

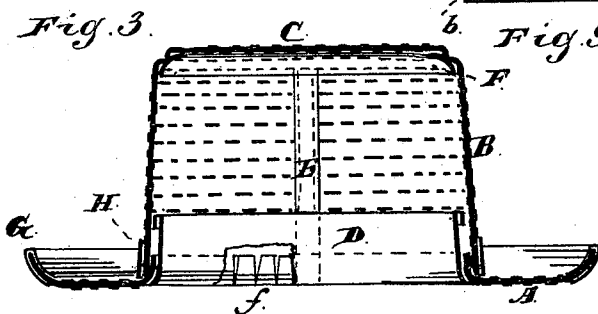


Fig. 9.



Fig. 8.

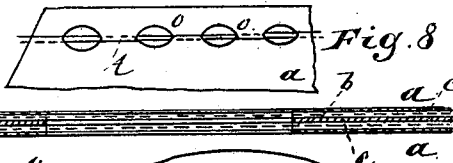


Fig. 10.

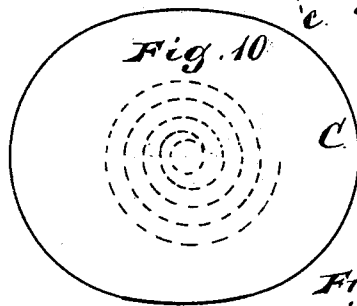
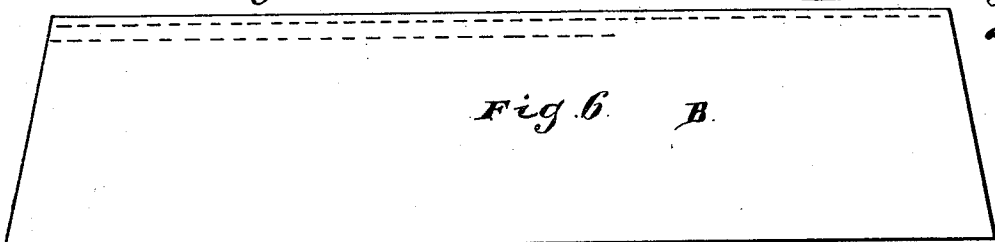


Fig. 7.



Fig. 6.



Witnesses:  
John L. Pearson.  
Domen V. Storky.

Inventor:  
Anton H. Fritsch  
By Hunt, S. P. Bruns  
His atty

# UNITED STATES PATENT OFFICE.

ANTON H. FRITSCH, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO  
VALENTIN MUELLER, OF SAME PLACE.

## HAT.

SPECIFICATION forming part of Letters Patent No. 403,934, dated May 28, 1889.

Application filed September 12, 1887. Serial No. 249,528. (No model.)

*To all whom it may concern:*

Be it known that I, ANTON H. FRITSCH, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Hats, of which the following is a specification.

The object of my invention is to provide a tasteful, light, and durable hat, which will allow of the air circulating in the same while in wear. The same consists in a hat having its crown made in sections which are united at their meeting edges and composed of several layers, each layer being of a different material, united together and provided with air-holes containing the thread by means of which the several layers are united, all of which as hereinafter will be more fully described.

In the drawings which form a part of this specification, Figure 1 is a side elevation of a hat; Fig. 2, an under side view of the same; Fig. 3, a transverse vertical section; Figs. 4, 5, 6, 7, 8, 9, and 10, details readily understood without description. Fig. 11 is a modification representing a section of the crown when made of more than two sections.

A is the brim of a hat, B the side crown, and C the tip. The side crown, B, and the tip, as shown in the drawings by Figs. 1, 2, 3, 4, 6, and 10, are made each in a single section, thus constituting the crown proper of the hat; but the crown may consist of more than two sections, thus dispensing with the special section of the tip C. Such a section is shown by Fig. 11. Each of these sections is composed of several layers united together and provided with permanent apertures *e*. I compose each of said sections, preferably, of four layers, to wit: the exterior layer, *a*, which may be silk, cashmere, or any other suitable material; *d*, the interior or lining, and *b'* and *c* the middle ones, being inclosed between said layers *a* and *d*. The layer *b'* preferably will be pressed

felt or any other suitable material capable of retaining apertures produced in the same by any piercing-instrument. *c* will be millinet or any similar loosely-woven fabric of a transparent nature. *l* is the thread uniting said different layers and not filling up entirely the apertures *e* said sections are provided with. Thus it is obvious each section consisting of the said layers is provided with permanent air-holes *o* containing the thread by means of which the several layers are united. The seams produced inside of the crown by uniting the meeting edges are covered up with tape linings E and F. The crown so formed will be ready for being blocked and otherwise finished in providing the same with a suitable brim, A, sweat-band D, and binding G.

Thus I am enabled to make a ventilating-hat of cloth of any size and color, as may be desired.

I am aware that cloth hats consisting of several layers of different material stitched together are not new.

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

1. A hat having its crown made in sections, said sections being united at their meeting edges and composed of several layers, each layer being of a different material, united together and provided with air-holes, said air-holes containing the thread used in uniting the several layers, as set forth.

2. A hat having its crown made in sections, said sections being united at their meeting edges and composed of several layers, the middle ones being millinet and pressed felt, united together and provided with air-holes, said air-holes containing the thread used in uniting the several layers, as set forth.

ANTON H. FRITSCH.

Witnesses:

HEINRICH F. BRUNS,  
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