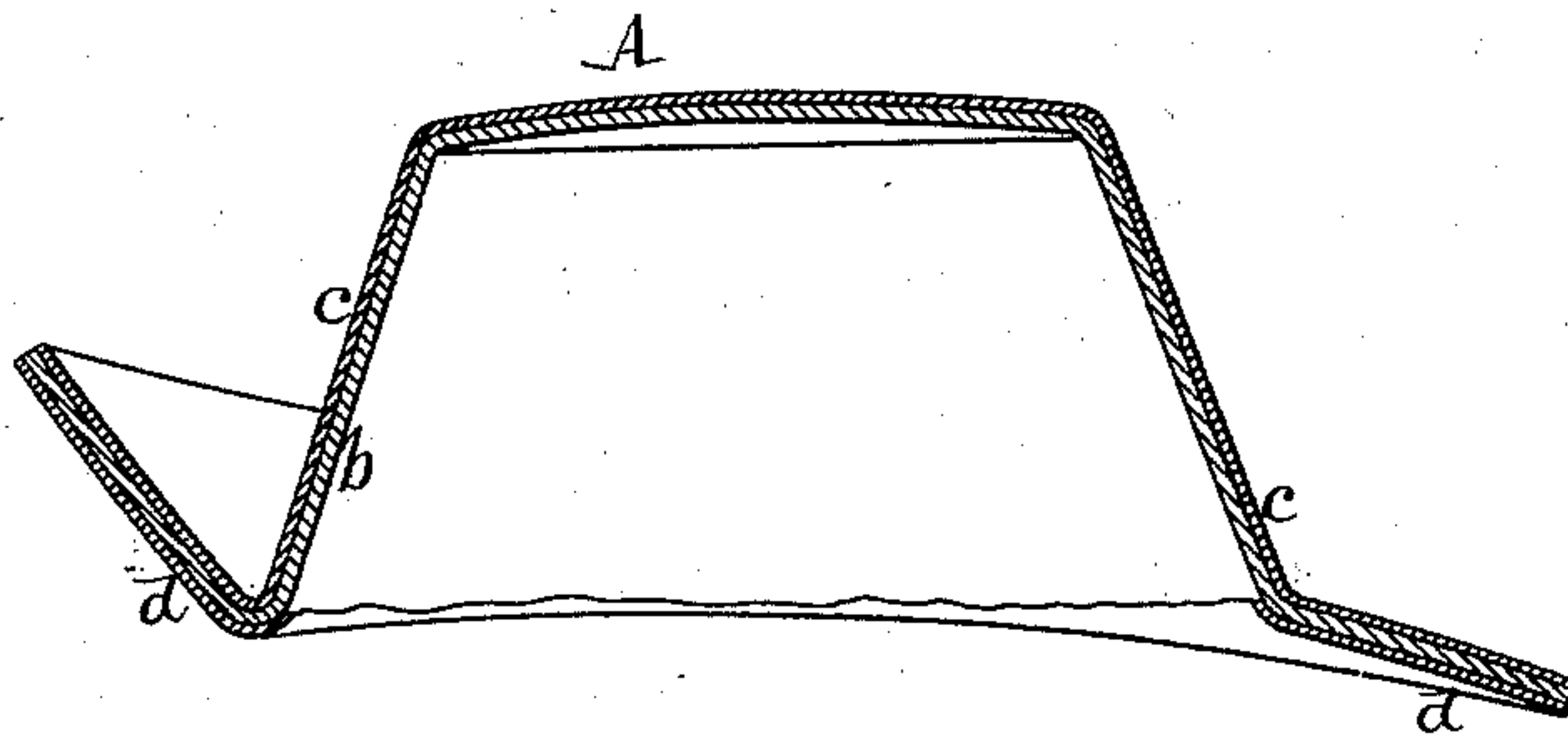


G. GRAY.  
Hat, Bonnet, and other Head Covering.  
No. 219,461                      Patented Sept. 9, 1879.



Witnesses

Otto Shufeldt  
William Miller

Inventor

George Gray

by Van Santvoord & Hauff  
his attys

# UNITED STATES PATENT OFFICE.

GEORGE GRAY, OF NEW YORK, N. Y.

## IMPROVEMENT IN HATS, BONNETS, AND OTHER HEAD-COVERINGS.

Specification forming part of Letters Patent No. **219,461**, dated September 9, 1879; application filed August 6, 1879.

*To all whom it may concern:*

Be it known that I, GEORGE GRAY, of the city, county, and State of New York, have invented a new and useful Improvement in Hats, Bonnets, and other Head-Coverings, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing, which represents a vertical cross-section of a hat embracing my invention.

This invention relates to the manufacture of hats, bonnets, or other head-coverings with flock layer; and consists in a base or support of felt cloth, combined with a top layer of flock, for the purpose of obtaining an article having the characteristics of fine felt, a layer of flock being also applied to the under surface of the brim when a brim is used.

In the drawing, the letter A designates a hat consisting of a base or support, *b*, of felt cloth, a top layer, *c*, of flock, and a flock layer, *d*, on the under surface of the brim.

In the construction of this hat I take a piece of felt cloth, either wool felt or an inferior quality of fur felt, and press the same into

shape, then coat the top surface of the cloth, as well as that portion thereof under the brim, with an adhesive substance, and dust or strew the whole with cotton, wool, or fur flock. In this manner I form the layers *c d*, and obtain an article which not only has the semblance of a fine quality of felt, but also is of the nature of that material.

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

1. A head-covering consisting of a base or support of felt cloth and a top layer of flock, substantially as described, as a new article of manufacture.

2. A brimmed head-covering consisting of a base or support of felt cloth, a top layer of flock, and a layer of flock on the under surface of the brim, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 31st day of July, 1879.

GEO. GRAY. [L. S.]

Witnesses:

CHAS. WAHLERS,  
ROBERT TOBIN.