

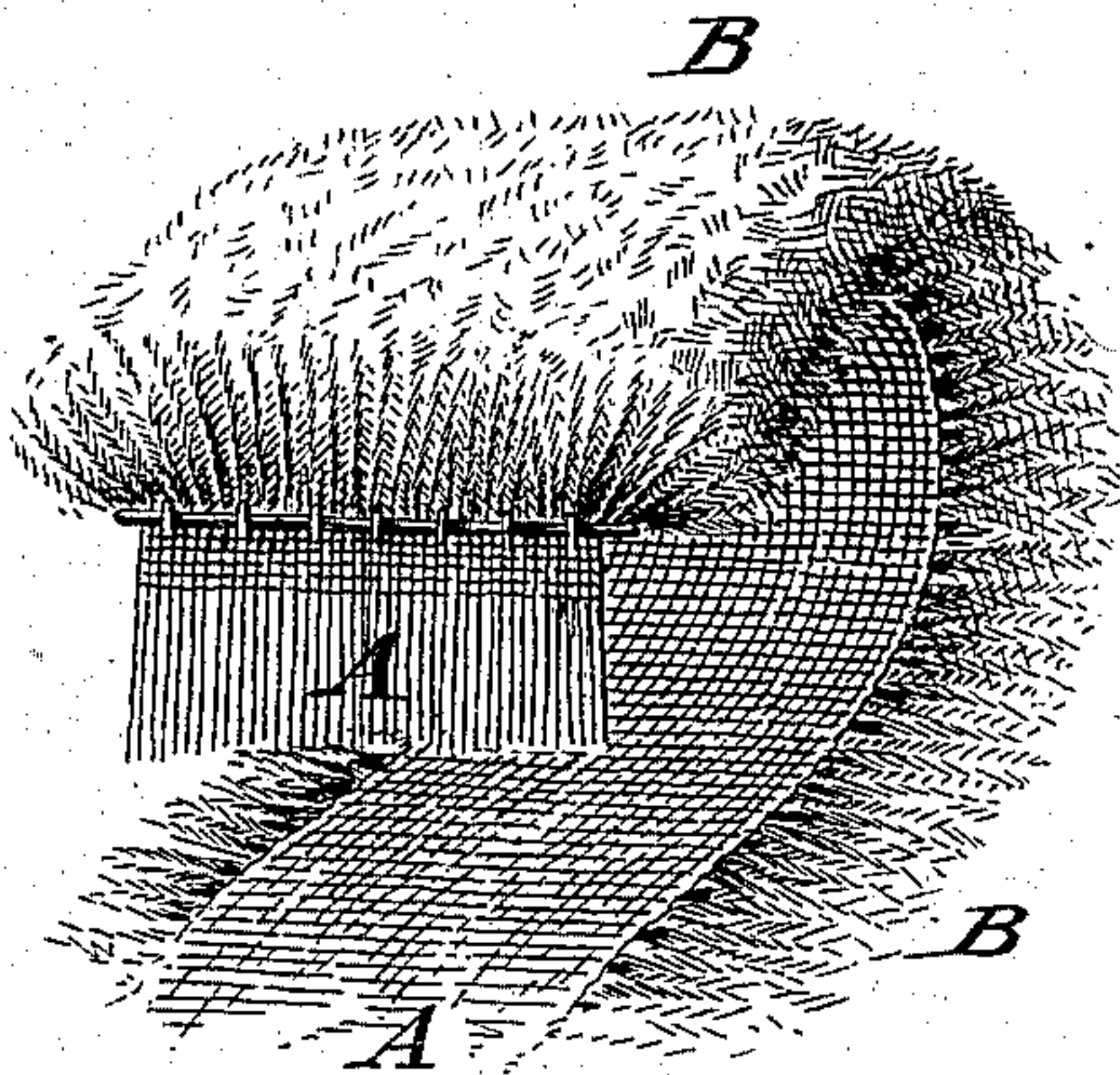
(Model.)

J. HAWLOWETZ.  
OSTRICH FEATHER TRIMMING.

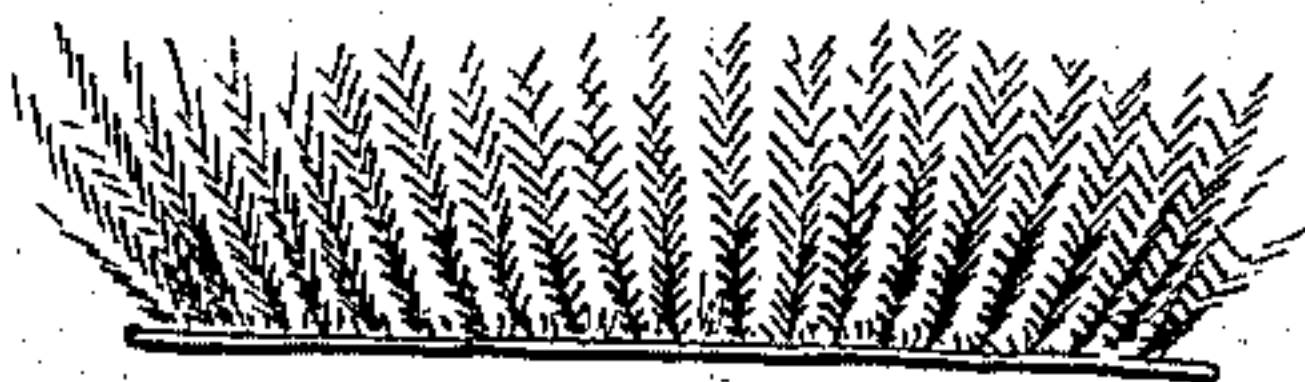
No. 252,374.

Patented Jan. 17, 1882.

*Fig. 1.*



*Fig. 2.*



WITNESSES:  
*Gustave Dietrich*  
*Otto Risch*

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# UNITED STATES PATENT OFFICE.

JOHN HAWLOWETZ, OF NEW YORK, N. Y.

## OSTRICH-FEATHER TRIMMING.

SPECIFICATION forming part of Letters Patent No. 252,374, dated January 17, 1882.

Application filed November 8, 1881. (Model.)

*To all whom it may concern:*

Be it known that I, JOHN HAWLOWETZ, of the city, county, and State of New York, have invented certain new and useful Improvements in Ostrich-Feather Trimmings, of which the following is a specification.

This invention relates to an improved fabric in imitation of fur to be used as a trimming for ladies' wear and as a material for ladies' caps and ladies' sacks.

Fabrics in imitation of fur composed of a textile base or backing and a coating of marabou-feathers have heretofore been made by cementing the feathers to the backing, and also by interweaving such feathers with the backing. In the former case dust gathers upon and sticks to the fabric, and in the latter case, owing to the fineness, flexibility, and smoothness of this class of feathers, they readily pull out and the fabric is soon destroyed. Moreover, such feathers are too fine to give a sufficient body to the fabric.

The object of this invention is to produce a fabric of this character which will be more firm and durable and present a richer appearance than those now in use.

The invention consists in a fabric for trimmings and other uses composed of a textile base or backing and an outer face of ostrich-feathers, which are interwoven with the backing, which latter is shrunk upon the bodies or quills of the feathers, as hereinafter described. The vanes and body of the ostrich-feathers being of a coarser and more angular texture, the weft and warp threads of the textile backing obtain a better hold thereon, and the backing being shrunk upon the feathers the latter are held firmly thereto.

The invention consists, further, in the process of making a fabric in imitation of fur, the same consisting in first cutting the ostrich-feathers into suitable lengths, then interweaving them with the textile base, then subjecting the fabric so formed to the action of a dye-liquor, whereby the feathers are colored and the textile base shrunk thereon, and finally trimming the vanes of the feathers, so as to present an even surface.

In the accompanying drawings, Figure 1 represents a perspective view of the fabric, and Fig. 2 a detail view of the feather used in the manufacture thereof.

Similar letters of reference indicate corresponding parts.

In the drawings, the base or backing A is composed of any suitable textile material, and the outer face, B, is composed of ostrich-feathers interwoven with the base. For this purpose feathers taken from the body as distinguished from the wings or tail of the bird are made use of. I thus utilize what has heretofore been regarded as waste material. Those feathers are cut into suitable lengths, equal to the width of the trimming to be produced, and are interwoven parallel with the warp of the backing or base. The fabric thus formed is then placed in a dye-vat. The dye-liquor not only changes the color of the feathers, but causes the textile base to shrink upon the bodies or quills of the feathers, whereby the latter are firmly united to the base. The vanes of the feathers form the pile of the fabric, the ends thereof being trimmed to an even length after the dyed fabric has been completely dried. The fabric thus produced is light in weight, economical in manufacture, and exceedingly rich in appearance.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. An ostrich-feather trimming composed of a textile base or backing and a series of ostrich-feathers interwoven therewith, the base or backing being shrunk upon the quills of the feathers, firmly holding the same, and the vanes of the feathers being trimmed to an even length, substantially as described.

2. The process of making ostrich-feather trimmings, consisting in first cutting the ostrich-feathers into suitable lengths, then interweaving them with a textile backing, then subjecting the fabric so formed to the action of a dye-liquor, whereby the feathers are colored and the webbing shrunk upon the quills of the feathers, and finally trimming the ends of the vanes, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

JOHN HAWLOWETZ.

Witnesses:

PAUL GOEPEL,  
CARL KARP.