

1,029,858.

Patented June 18, 1912.

Fig. 1.

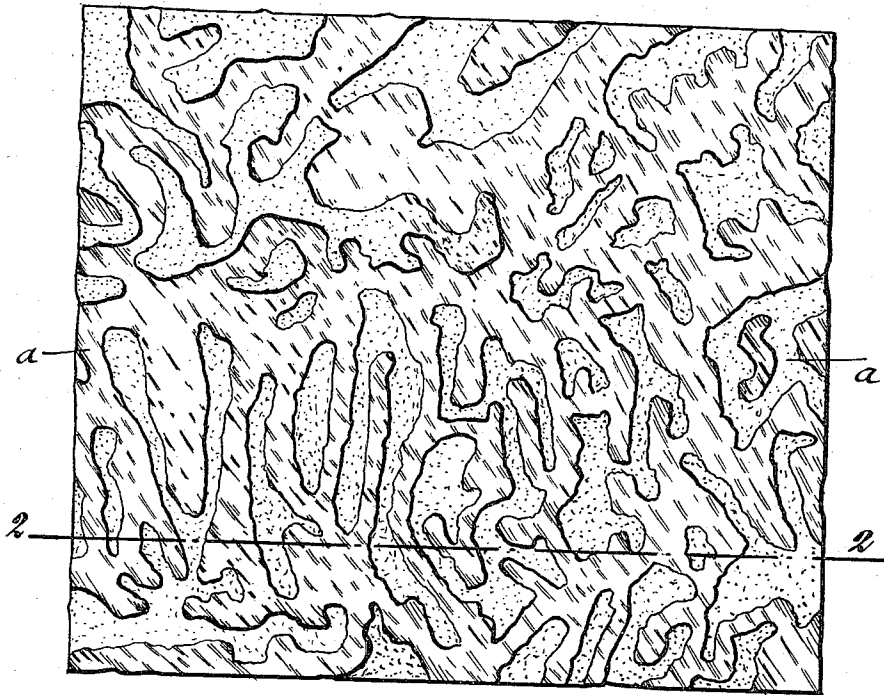


Fig. 2.

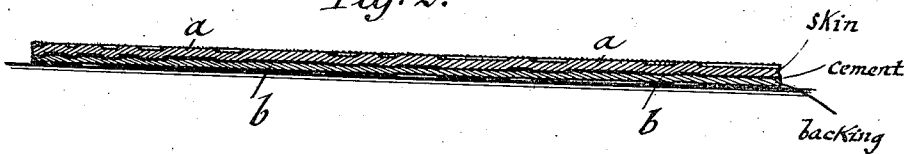
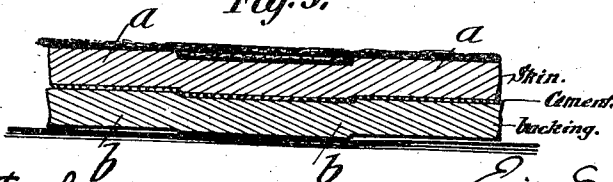


Fig. 3.



Witnesses:
John Murtagh
J. A. Cook

Inventor
E. E. Evers
By his Attorney
Joseph J. G. J.

UNITED STATES PATENT OFFICE.

EMILE ERNST EVERS, OF NEW YORK, N. Y., ASSIGNOR OF ONE-FOURTH TO GUSTAVE A. SAUER AND ONE-HALF TO HENRY SIEDE, BOTH OF NEW YORK, N. Y.

FUR.

1,029,858.

Specification of Letters Patent.

Patented June 18, 1912.

Application filed November 13, 1909. Serial No. 527,789.

To all whom it may concern:

Be it known that I, EMILE ERNST EVERS, a citizen of the United States of America, residing in New York, in the borough of Manhattan, county and State of New York, have invented certain new and useful Improvements in Furs, of which the following is a specification.

This invention relates to an improved fur which is made from skins that are unfit for use in the manufacture of fur wearing apparel, and which combines lightness, warmth, waterproof quality and durability so as to surpass in usefulness and attractive appearance the fur skins heretofore used in the manufacture of fur-garments.

The invention consists of a fur comprising a face-layer of tanned, dyed and curled skin waterproofed on the fur and also on the flesh side, a backing of split waterproofed leather, and a backing of waterproof cement uniting the face-layer and split leather backing.

In the accompanying drawing, Figure 1 represents a top-view, Fig. 2 a vertical section on line 2, 2, Fig. 1, of my improved fur, and Fig. 3 is a section of a small piece of the fur, drawn on a larger scale.

Similar letters of reference indicate corresponding parts in the views.

Referring to the drawing, *a* represents the face-layer and *b* the backing composing my improved fur. The face-layer consists of a skin that is preferably tanned by the well-known chromium-process and then dyed. After dressing and dyeing the skin, it is subjected to the curling treatment so that the hair or wool retains the curl which is desired to be produced. The curl is obtained by pressing the tanned and dyed skins between male and female die-plates, the male

die having the desired design in alto-relievo and the female die the corresponding design in intaglio. After the skin is placed between the plates, it is subjected to a high pressure up to 800 lbs. or more, the dies being simultaneously heated by a strong electric current, so that the curl is retained. The skin is then made waterproof in the fur as well as on the flesh-side, by a solution of caoutchouc in benzin, and then cemented by means of a waterproof rubber-cement to the backing *b*, which is made of thin split calf or other leather or fabric. The backing is made waterproof by means of a solution of caoutchouc in benzin before being cemented to the flesh side of the fur. The water-proof cement mixes intimately with the face-layer and backing owing to the affinity of the cement with the water-proof solution by which the layers are impregnated. After the pelt is thus curled and backed, it is ready for use and can undergo all the operations, such as stretching, nailing, and pressing, pertaining to the furriers' craft, so as to complete the fur-garments or other articles of fur.

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

A fur consisting of a face-layer of tanned, dyed and curled skin waterproofed both in the fur and in the flesh side, a backing of split waterproofed leather, and a backing of waterproof cement uniting the face-layer and split-leather backing.

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

EMILE ERNST EVERS.

Witnesses:

PAUL GOEPFEL,
JOSEPHINE COOK.