

(No Model.)

F. O. LINDER.
FUR GARMENT.

No. 421,292.

Patented Feb. 11, 1890.

Fig: 1

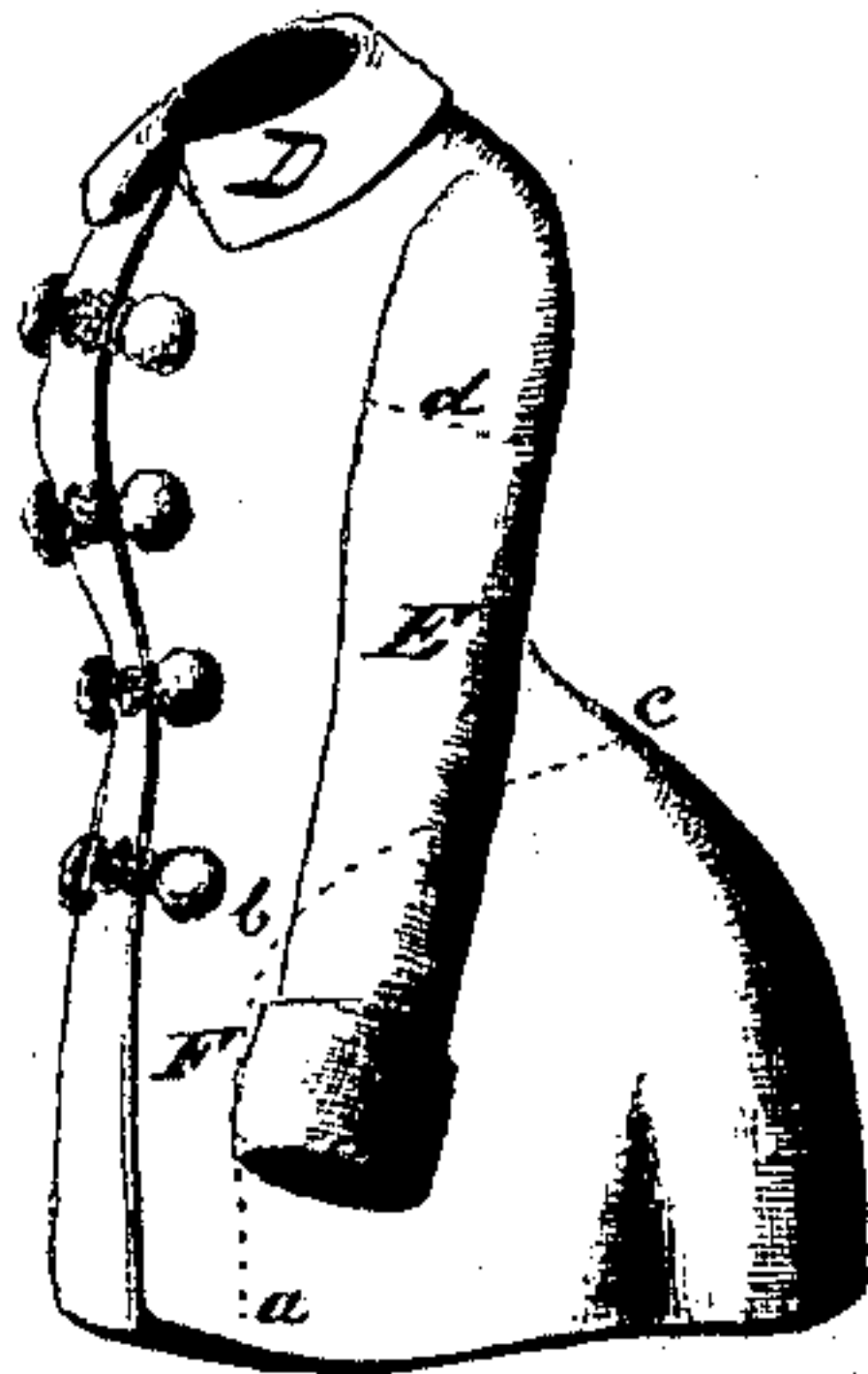


Fig: 2

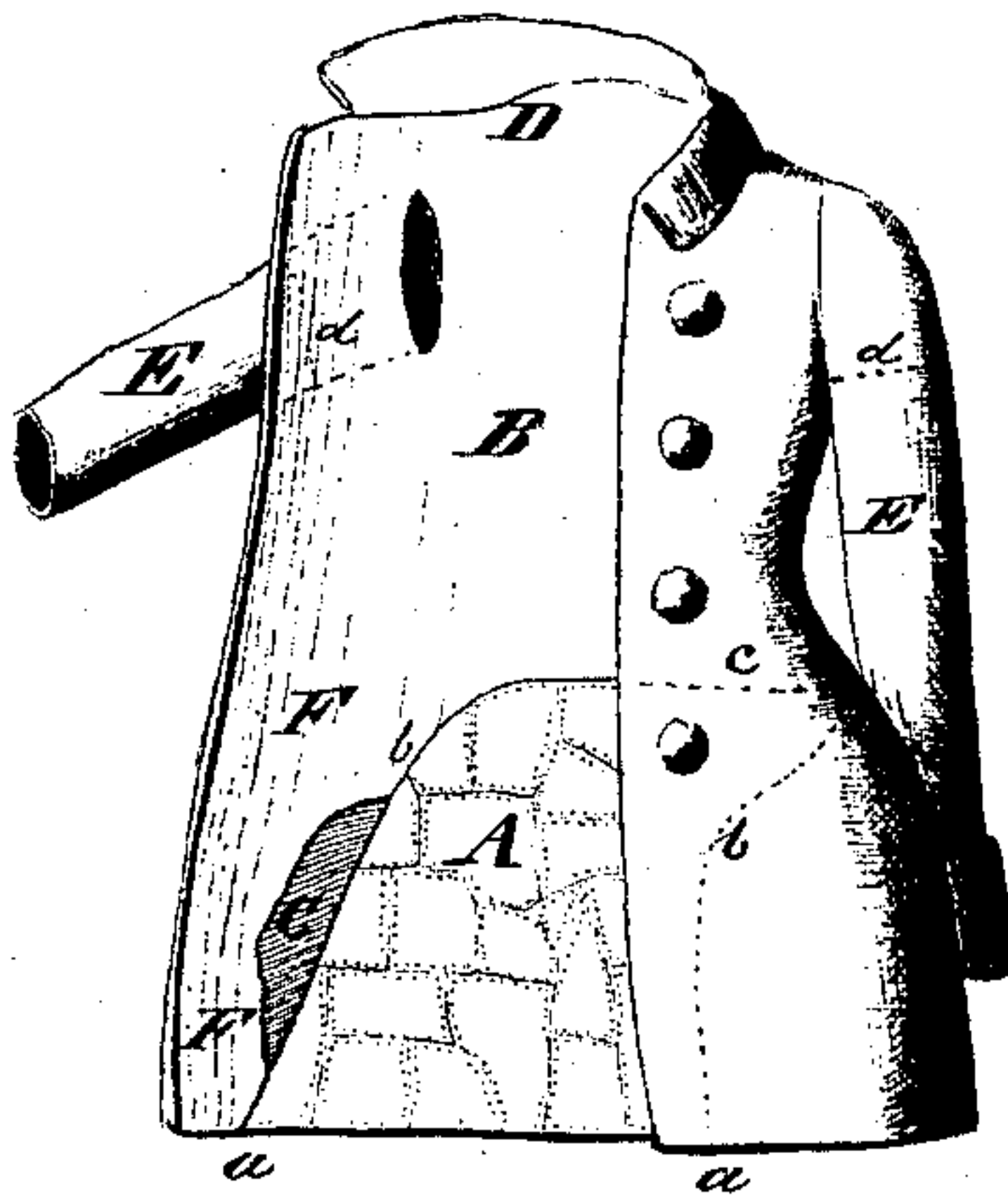
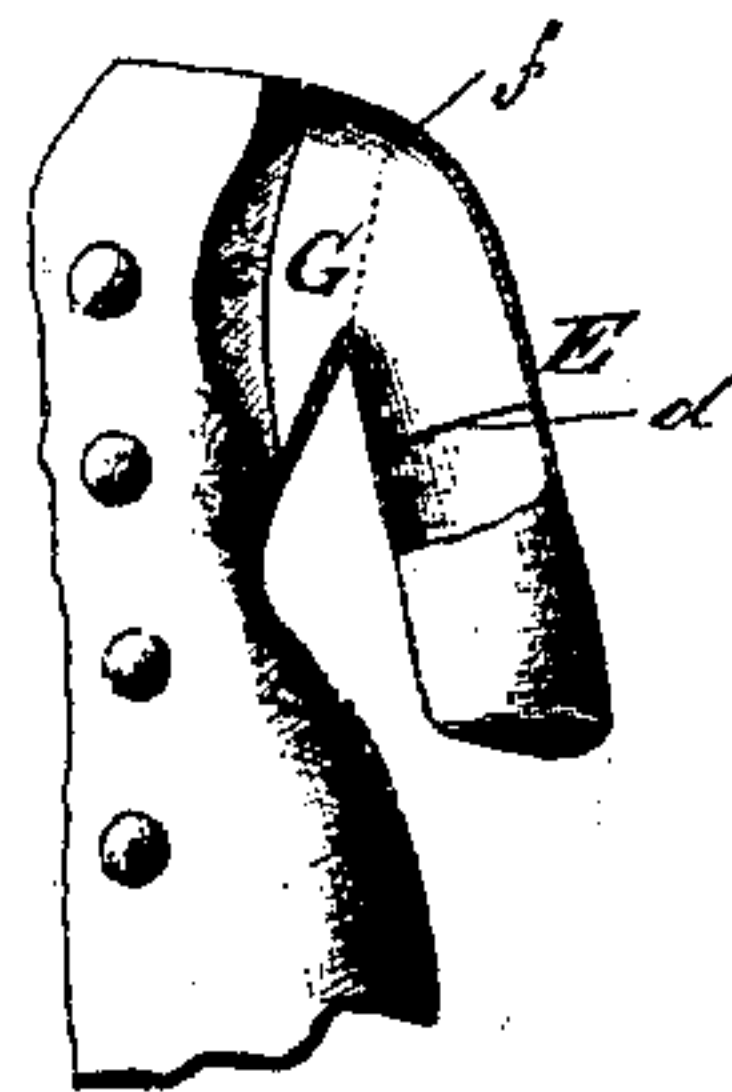


Fig: 3



Witnesses
C. M. Vesten.
J. M. Krouman

Inventor
F. O. Linder
by *A. W. Almqvist*
Attorney

UNITED STATES PATENT OFFICE.

FRANS OSCAR LINDER, OF BROOKLYN, NEW YORK.

FUR GARMENT.

SPECIFICATION forming part of Letters Patent No. 421,292, dated February 11, 1890.

Application filed July 13, 1887. Serial No. 244,200. (No model.)

To all whom it may concern:

Be it known that I, FRANS OSCAR LINDER, a citizen of the United States, and a resident of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Fur Garments, of which the following is a specification.

My improvement relates exclusively to fur garments, such as seal-ulsters, dolmans, sacks, tight-fitting jackets, wraps, and all other wearing-apparel when made of fur.

The object of the improvement is to protect such garments against the action of the exudations due to the perspiring of the wearer, which have a peculiar tendency to deteriorate or rot the leather or skin of the fur, causing the same to break or tear in a short time, besides rapidly discoloring the hairy covering.

The improvement will be hereinafter fully described, and specifically pointed out in the claim, reference being had to the accompanying drawings, in which—

Figure 1 represents a perspective view of a seal-skin or other fur sack buttoned. Fig. 2 is a general view of the same unbuttoned and opened, the lining being partly broken out. Fig. 3 shows a portion of the same, partly in section, at the junction of the sleeve and body to exhibit the lining at the armpit.

A is the skin or inside of the fur, and B the body-lining. The said lining is made of water-proof or perspiration-proof material, such as rubber cloth or gutta-percha cloth. When desired for use, I always apply it about the armpit at the junction of the sleeve and body, as shown at G in Fig. 3, and inside the collar; but I preferably make a continuous lining for the sleeves, (as far as the dotted line *d*, Figs. 1 and 2,) collar, and body, extending it by strips F down to the lower edge of the garment in front thereof; in the back, only as far as just below the waist, the dotted line *a b c* in Fig. 1 indicating the lower terminal outline of the lining. This lining may be sewed to the skin A; but I prefer to cement the two together, preferably by the interposition of a thin sheet C of pure rubber, which is interposed between the leather or skin A and the lining B, and made adhesive by

the application of heat—for instance, a heated sad-iron applied upon the lining B—thus uniting the latter to the leather A. The said lining, being impervious to moisture, completely prevents the perspiration from penetrating to the skin A, and thus from deteriorating the same and discoloring the fur, and, moreover, serves the important purpose of greatly strengthening the garment, which is especially important in fur garments, which, as is well known, are composed of a number of pieces or skins sewed together, as indicated below the body-lining in Fig. 2.

When the armpit lining is made separate from the body-lining or used alone, I make it, as shown at G in Fig. 3, to entirely surround the arm and shoulder at the junction of the sleeve and body, the upper edge *e* being cemented to the shoulder back and front and below the armhole of the sack, and the lower edge *d* being likewise cemented to the inside of the sleeve so as to entirely surround the arm, and the whole armpit-lining G being further sewed to the garment in the same seam *f*, which unites the sleeve to the body part of the garment.

I am aware that separately-made pieces of rubber cloth or oiled silk are for sale in dry-goods and other stores for use as armpit-linings, under the arm only in ladies' dresses, and I do not claim such lining, either *per se* or in connection with ordinary dresses of any kind.

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

In combination with a fur garment, an inner continuous body-lining, including the front strip F, collar D, and armpits of the sleeves E, the same being provided with a perspiration-proof material.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 14th day of April, 1887.

FRANS OSCAR LINDER.

Witnesses:

A. W. ALMQVIST,
HEPNER WESTEEN.