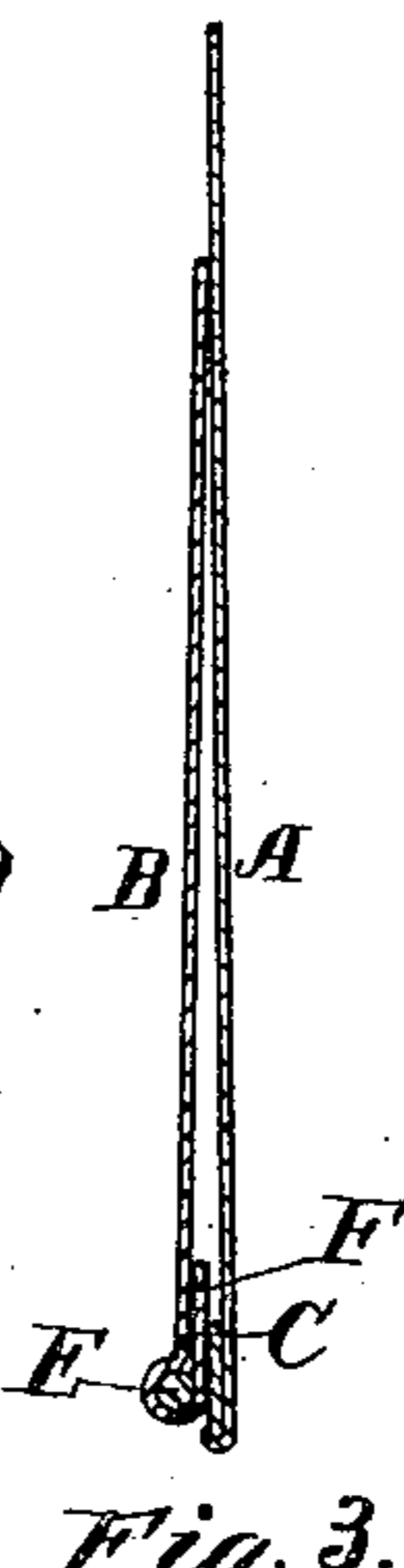
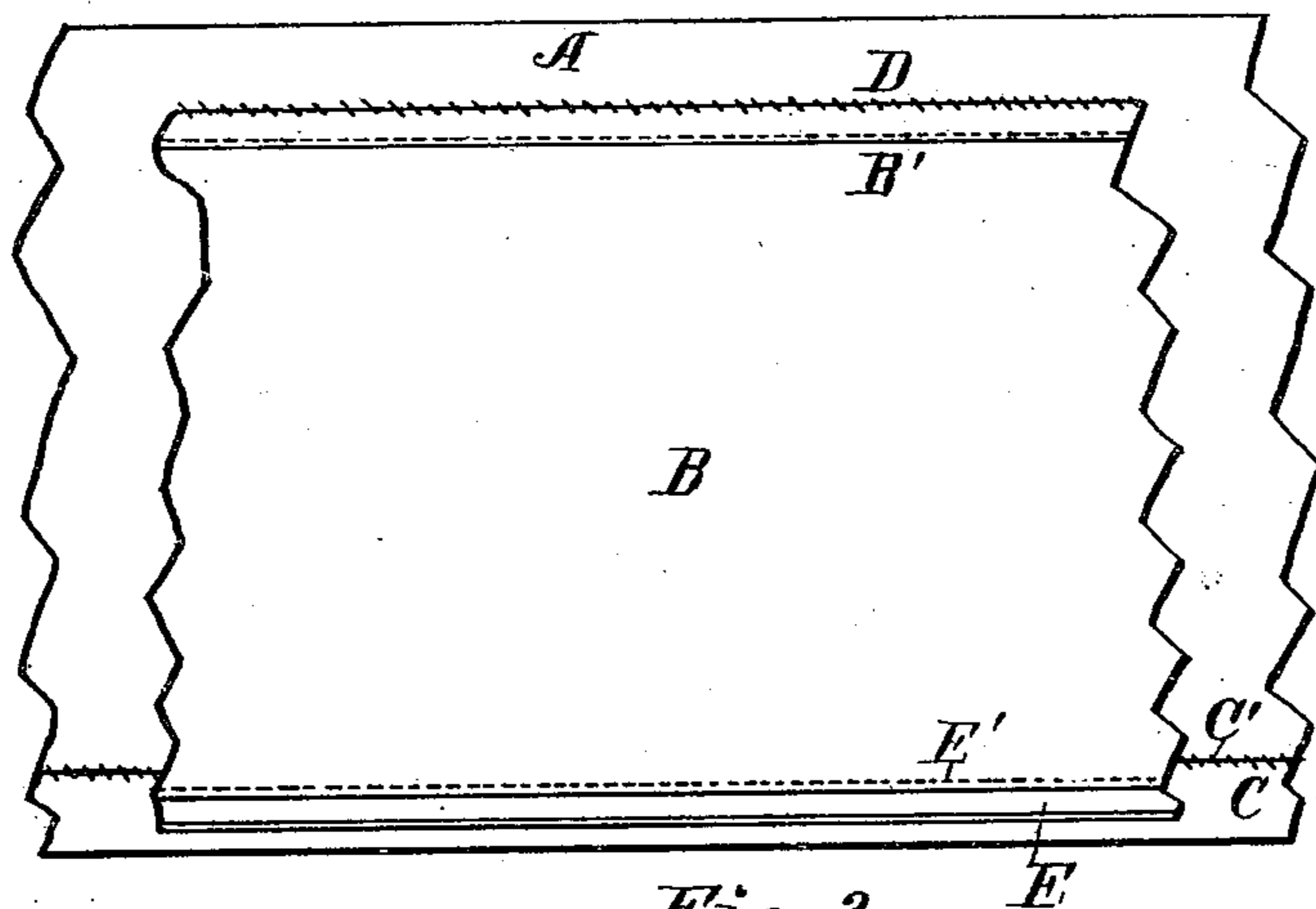
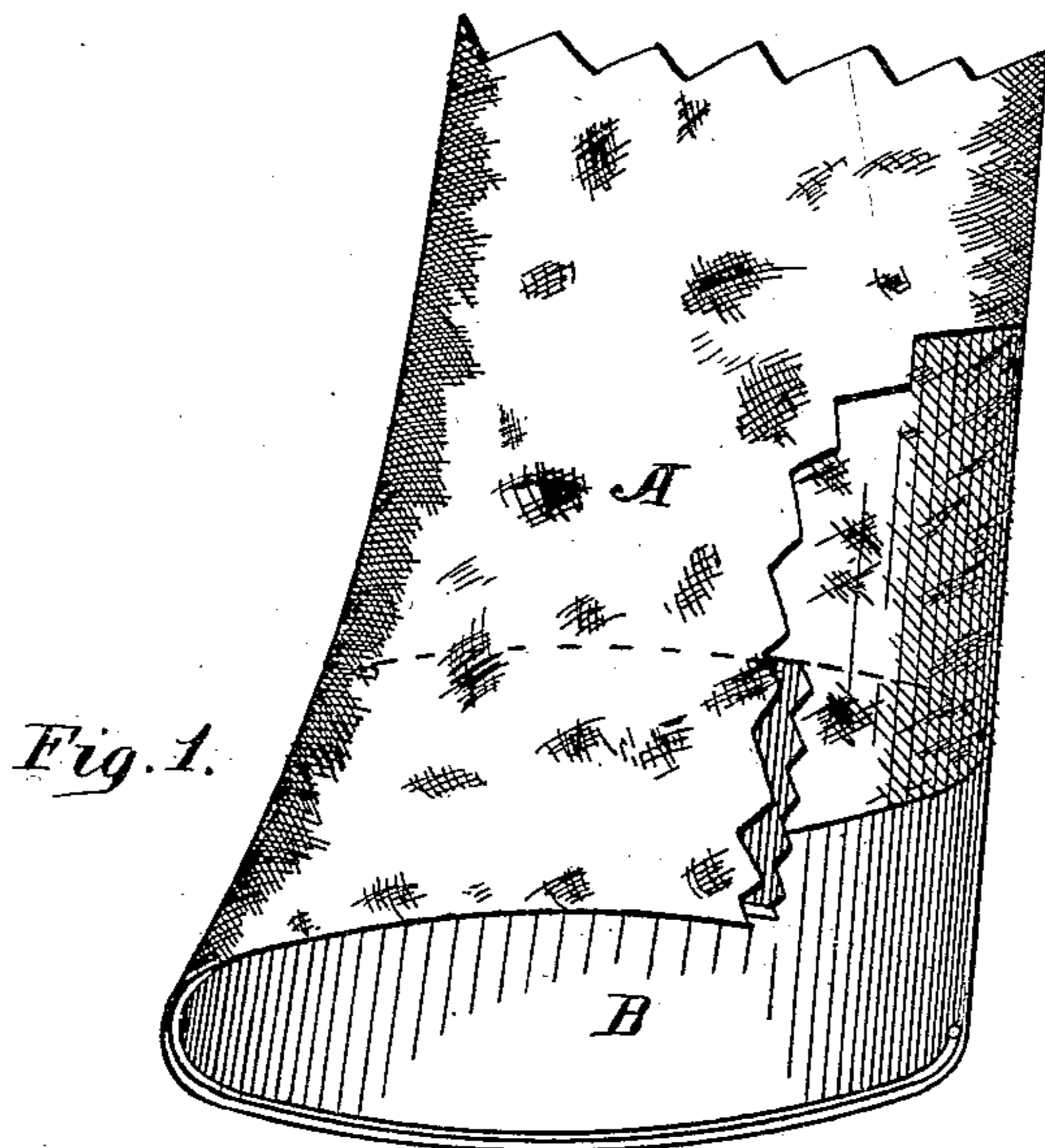


(No Model.)

S. GOSDORFER.
SPRING BOTTOM FOR PANTS.

No. 246,385.

Patented Aug. 30, 1881.



Witnesses:
O. J. Bailey
L. B. Zerbe.

Inventor:
Simon Gosdorfer
by J. D. Zerbe
Atty.

UNITED STATES PATENT OFFICE.

SIMON GOSDORFER, OF CINCINNATI, OHIO.

SPRING-BOTTOM FOR PANTS.

SPECIFICATION forming part of Letters Patent No. 246,385, dated August 30, 1881.

Application filed June 23, 1881. (No model.)

To all whom it may concern:

Be it known that I, SIMON GOSDORFER, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Spring-Bottoms for Pants, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a perspective elevation of the lower end of one leg of a pantaloons provided with my improved spring-bottom. Fig. 2 is a face view of the spring-bottom, and Fig. 3 is a vertical sectional view of the same.

The design of my invention is to provide a new spring-bottom for pantaloons.

It is customary in manufacturing pantaloons to attach the stiffening material to the lower end of the leg within and then lap the end of the pantaloons material over the stiffening. It is obvious that this edge, owing to constant contact with the boot or shoe, will soon be worn through, and it is usually the case that this part of the pantaloons is soonest worn out. It is also a well-known fact that however firm the stiffening material may be when attached in the old way it soon becomes limp and devoid of spring.

The object of my invention is, first, to provide a lining which will be a positive protection to the lower end of the pantaloons-legs; and, second, a stiffening material which will retain its spring and add neatness in appearance to the legs of the pants.

It consists of a piece of stiffening material of any desired width, hemmed at the upper end, and provided with a cord along the lower edge. This piece is placed in the pant-leg in such a position that the corded edge will be near the lower edge of the pantaloons-leg, and secured thereto, all of which will be hereinafter fully set forth.

In the accompanying drawings, A represents a pantaloons-leg, and B the piece of stiffening material. The stiffener B is hemmed along the upper edge, B', and sewed to the pantaloons-leg, as shown at D. The lower edge of the stiffener B has a cord, E, the edge F being lapped over the cord, and a stitch, E', run by

the side of the cord through the stiffener to secure the cord in position. The lower edge of the pantaloons-leg A is turned in or hemmed under the cord, as shown at C, and the corded edge E is then secured to the leg A a short distance above the lower edge, so that the boot or shoe, in rubbing against the pant-leg, will come in contact with the corded edge.

It is obvious that the corded edge will retain the shape of the pantaloons-leg a much longer time than the ordinary stiffening, and since it is placed on the outside of the cloth facing, it can be removed at any time without disturbing the edge of the pants. On account of the round edge the edge of the pant-leg is thoroughly protected by the cord, as will be readily seen.

In the old style of stiffening it is necessary to cut the canvas on the bias, so as to give the bottom spring. To do this occasions considerable waste in the use of material. In this improvement the stiffening material is cut straight, thus effecting a great saving.

It will further be observed that in the old style of attaching spring-bottoms it is necessary to use from an inch to an inch and a quarter of facing on each leg—that is, the material from which the pants are made is turned up over the spring-bottom an inch or more. By my improvement the edge is turned up less than a half-inch, thus effecting a great saving in material, which is frequently very costly, and which in large establishments proves a heavy item in the course of business.

The stiffener is also a great protection to the pant-leg in cases where the bottoms of the legs strike the ground. The stiffener, as here described, can also be used or adapted for the sleeves of coats. It is obvious that a stiffener of this character will keep the sleeve in nice shape, prevent wear, and also effect a saving on account of the small amount of facing that is required. I reserve to myself the right to make a separate application for this improvement for sleeves.

I claim—

1. As a stiffener for pant-legs, the band B, composed of suitable stiffening material, hav-

ing a cord secured to the lower edge, the whole being secured to the pant-leg within, as and for the purpose specified.

5 2. The combination of the band B, having the cord E, with the pant-leg A, having the hem C, over which the corded edge of the stiffening-band is secured, as herein shown.

In testimony that I claim the foregoing I have hereunto set my hand this 14th day of June, A. D. 1881.

SIMON GOSDORFER.

Witnesses:

J. S. ZERBE,
O. J. BAILEY.