

R. E. Schroeder,

Caryet Fastener.

No 17,897.

Patented July 28, 1857.

Fig. 1.

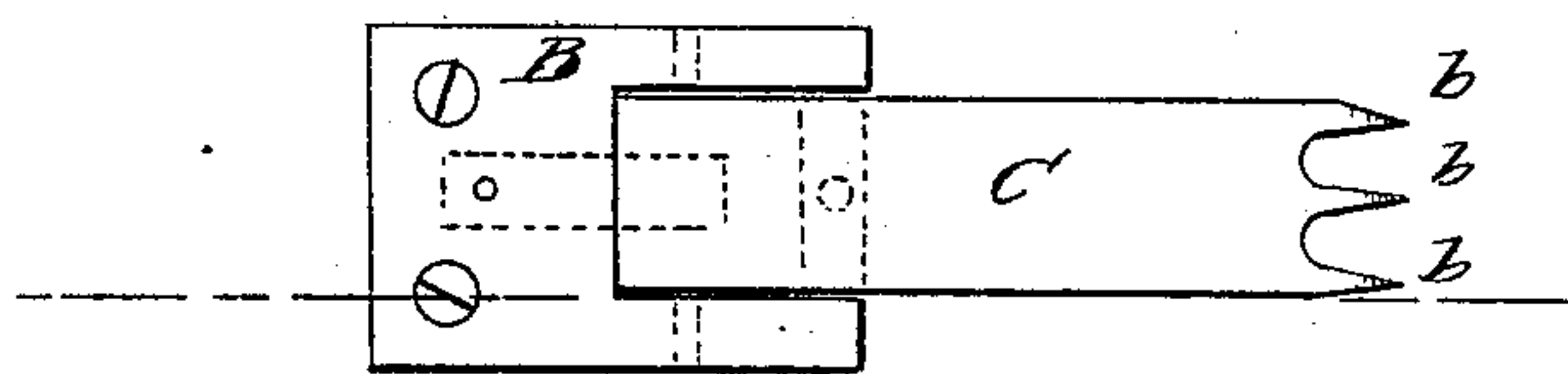


Fig. 2.

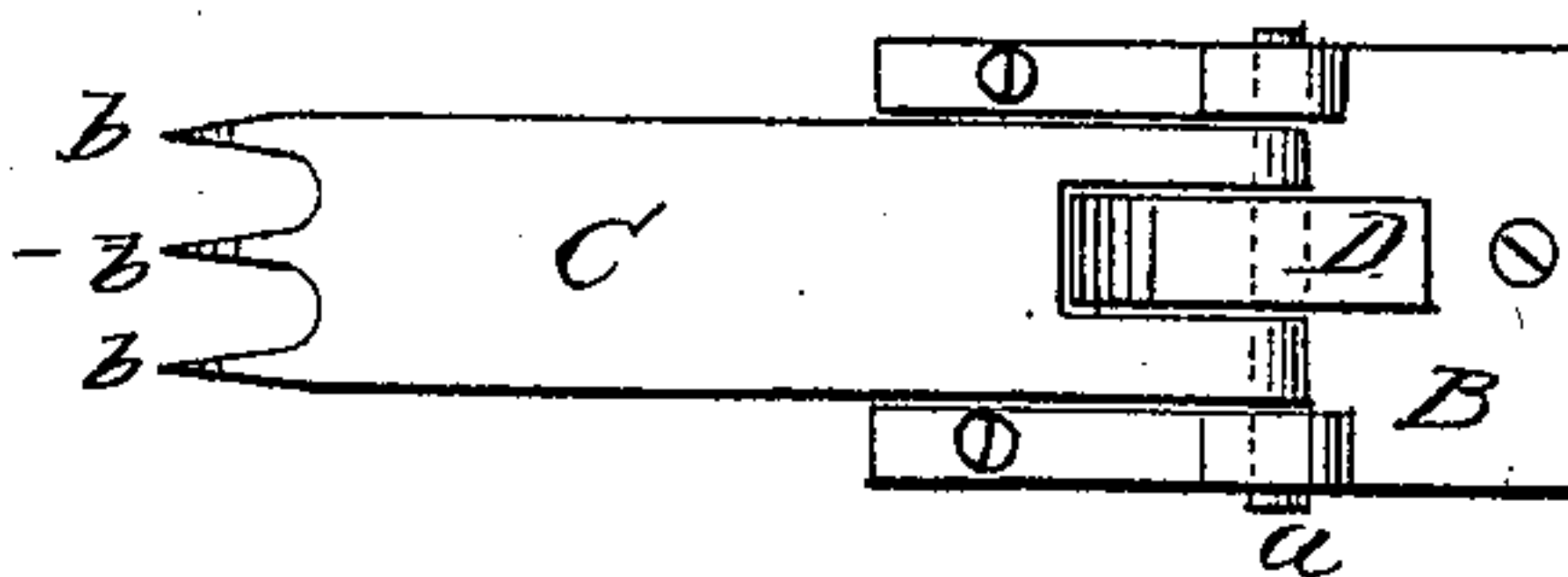


Fig. 3.

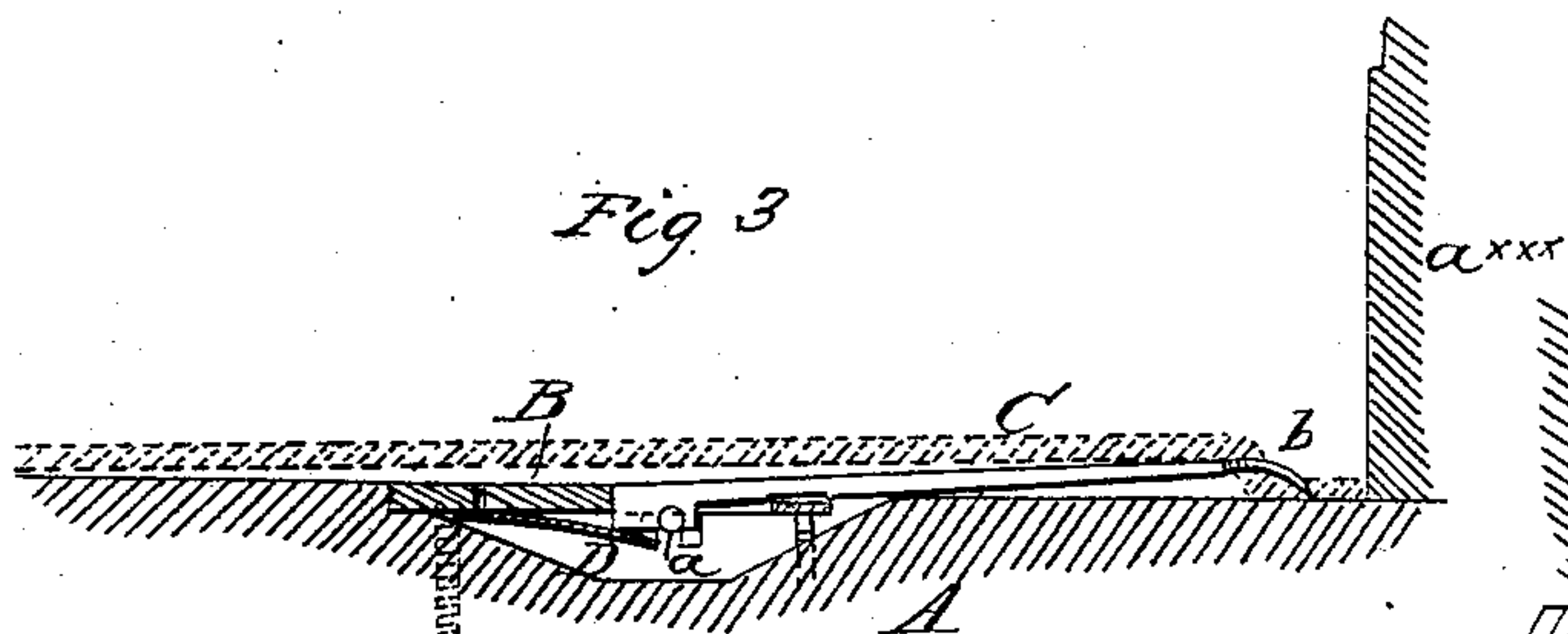


Fig. 4.

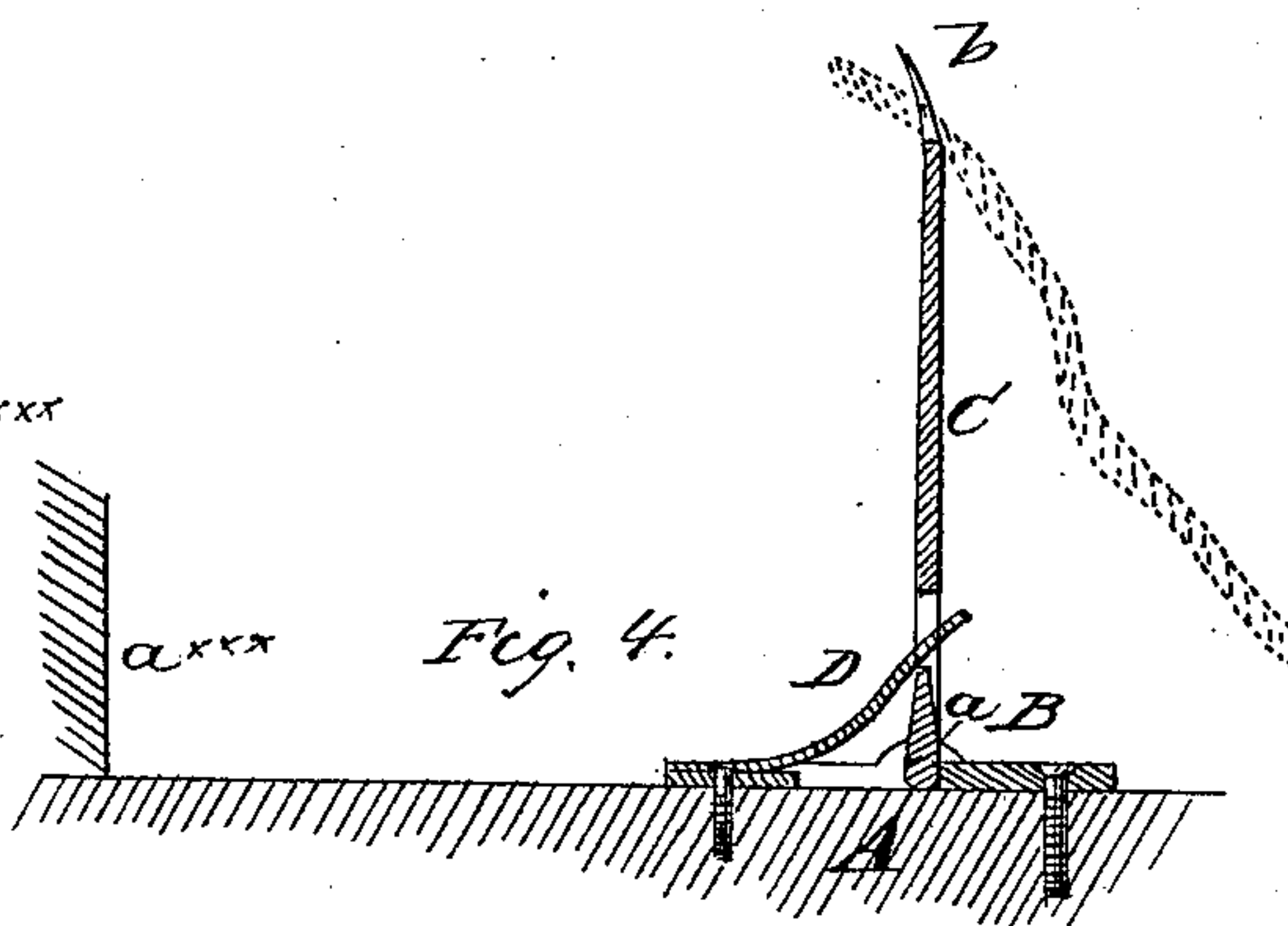


Fig. 5.

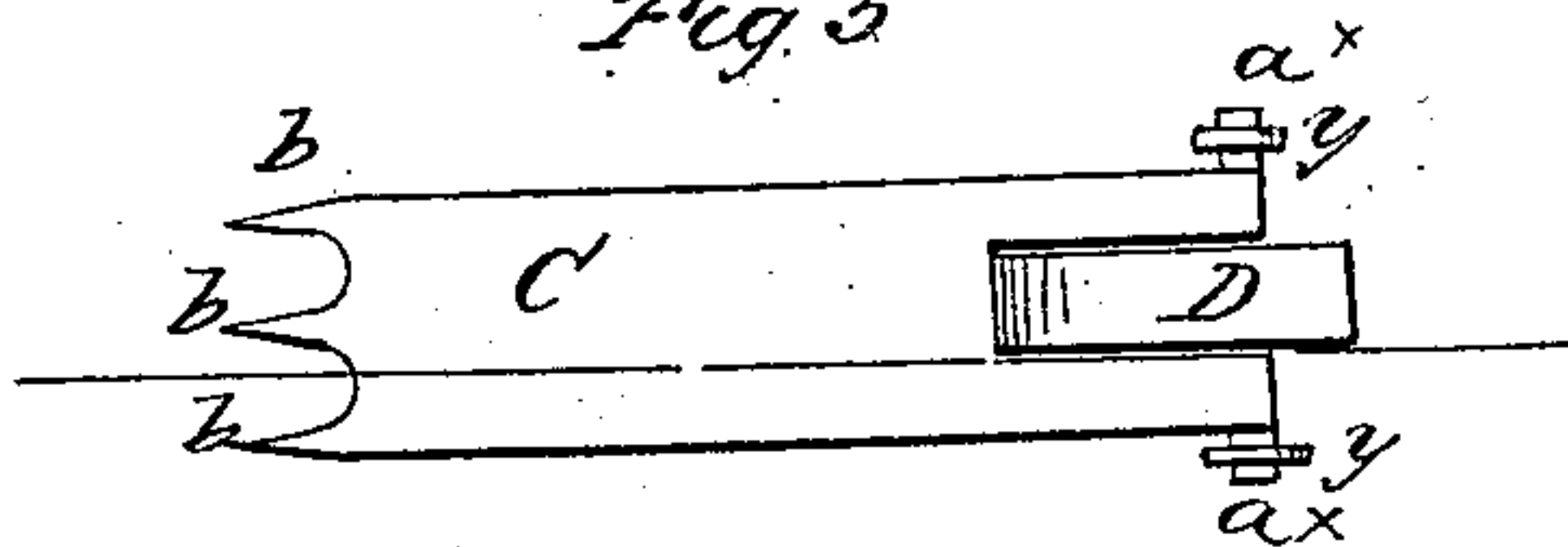
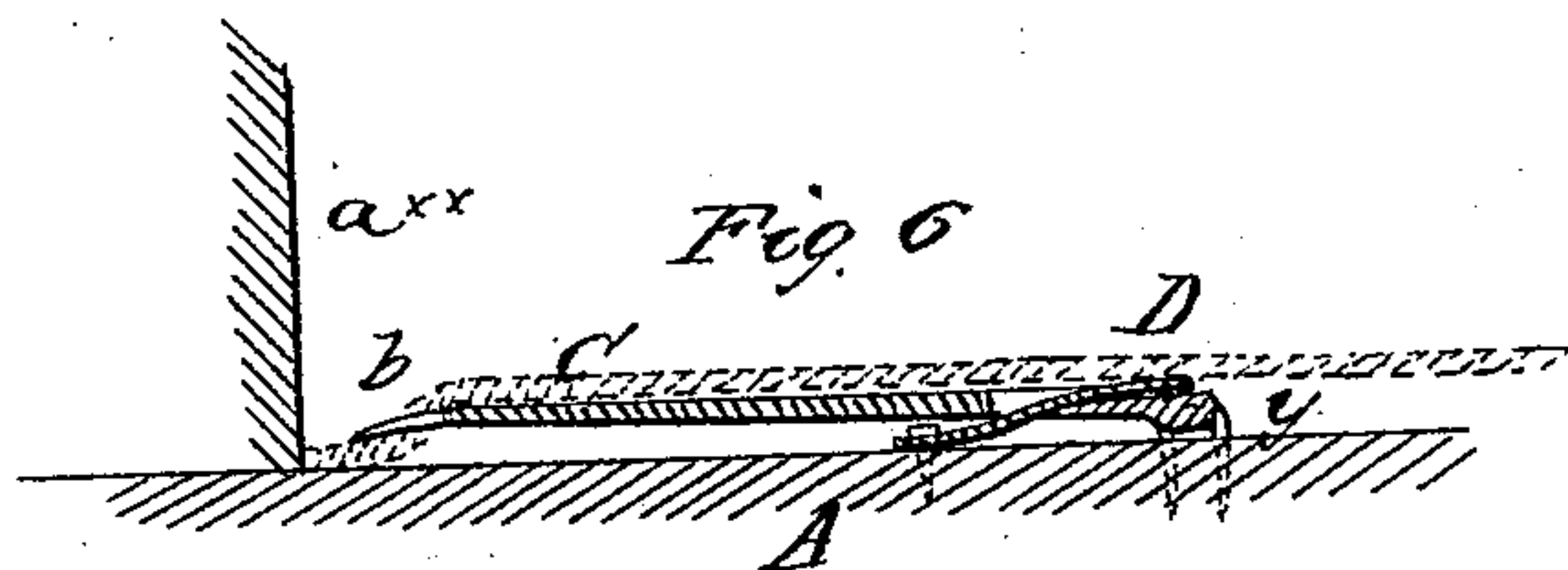


Fig. 6.



UNITED STATES PATENT OFFICE.

R. E. SCHROEDER, OF ROCHESTER, NEW YORK.

FASTENING FOR CARPETS.

Specification of Letters Patent No. 17,897, dated July 28, 1857.

To all whom it may concern:

Be it known that I, R. E. SCHROEDER, of Rochester, in the county of Monroe and State of New York, have invented a new and Improved Device for Stretching and Securing Carpets on Floors; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figures 1, 2 and 5, are plan or top views of my improvement. Figs. 3, 4 and 6 are longitudinal sections of ditto, the planes of section passing through the center.

Similar letters of reference indicate corresponding parts in the several figures.

My invention consists in having a forked plate jointed to a stock which is permanently secured to the flooring, or the plate may be jointed directly to the flooring. The plate having a spring bearing upon it for the purpose of keeping it down upon the flooring, the prongs of the plate pass through the carpet which is properly stretched and secured to the flooring by the forked plate as will be presently shown and described.

To enable those skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A, Figs. 3, 4 and 6, represents a portion of the flooring.

In Figs. 1, 2, 3 and 4, B represents a metal plate or stock which is secured permanently to the flooring, the upper part of the plate being flush with the flooring as shown in Fig. 3, or merely screwed down upon the flooring as shown in Fig. 4.

To the plate or stock B a plate C is attached by a joint (a), and to the stock B a spring D is attached, said spring bearing against the plate C, and having a tendency to keep the plate C down upon the flooring, when said plate is brought down below an angle of 45° with the flooring. When the plate is above this point the spring D has a tendency to throw the plate C in a vertical position. The outer end of the plate C has a number of prongs (b) formed on it.

In Fig. 3 the spring D is placed below or

underneath the stock B; in Fig. 4 it is placed above. Either way or plan will answer equally well.

The stock B is secured to the flooring a short distance from the surface or bare board ($a^{\times\times}$), the outer end or prongs (b) of the plate being toward the surface or bare board. The plate C is turned up in a vertical position as shown in Fig. 4. The edge of the carpet shown in red is placed over the upper end of the plate, the prongs (b) passing through the carpet. The plate C is then turned down upon the flooring, and the carpet is stretched by the turning down of the plate and the carpet also secured to the flooring. It will be understood that these fastenings are to be secured to the flooring all around the room at suitable distances apart.

I would remark that the stock B, though preferable, is not absolutely essential, the plate C may be secured to the flooring by staples, the staples being driven over journals (a^{\times}) at the end of the plate as shown in Figs. 5 and 6, the spring D in this case may be attached to the flooring.

The above improvement is far superior to tacks which are now universally employed for securing carpets to floors.

My improvement is a fastener and stretcher combined, and heavy carpets, such as Brussels, tapestry, etc., may be secured to the flooring without the use of the usual stretching implement. This is an important feature of the invention, for carpets may be put down and secured to the flooring with the greatest facility, and also taken up with equal facility.

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

The plate C secured to a stock B or directly to the flooring, by a joint; the plate having a spring D bearing against it; substantially as described, for the purpose set forth.

RICHARD E. SCHROEDER.

Witnesses:

P. M. CRENDALL,
P. G. BUCHAN.