

J. Motte.

Stretching Pantaloon.

N^o 43596

Patented Jul. 19. 1864.

Fig. 1.

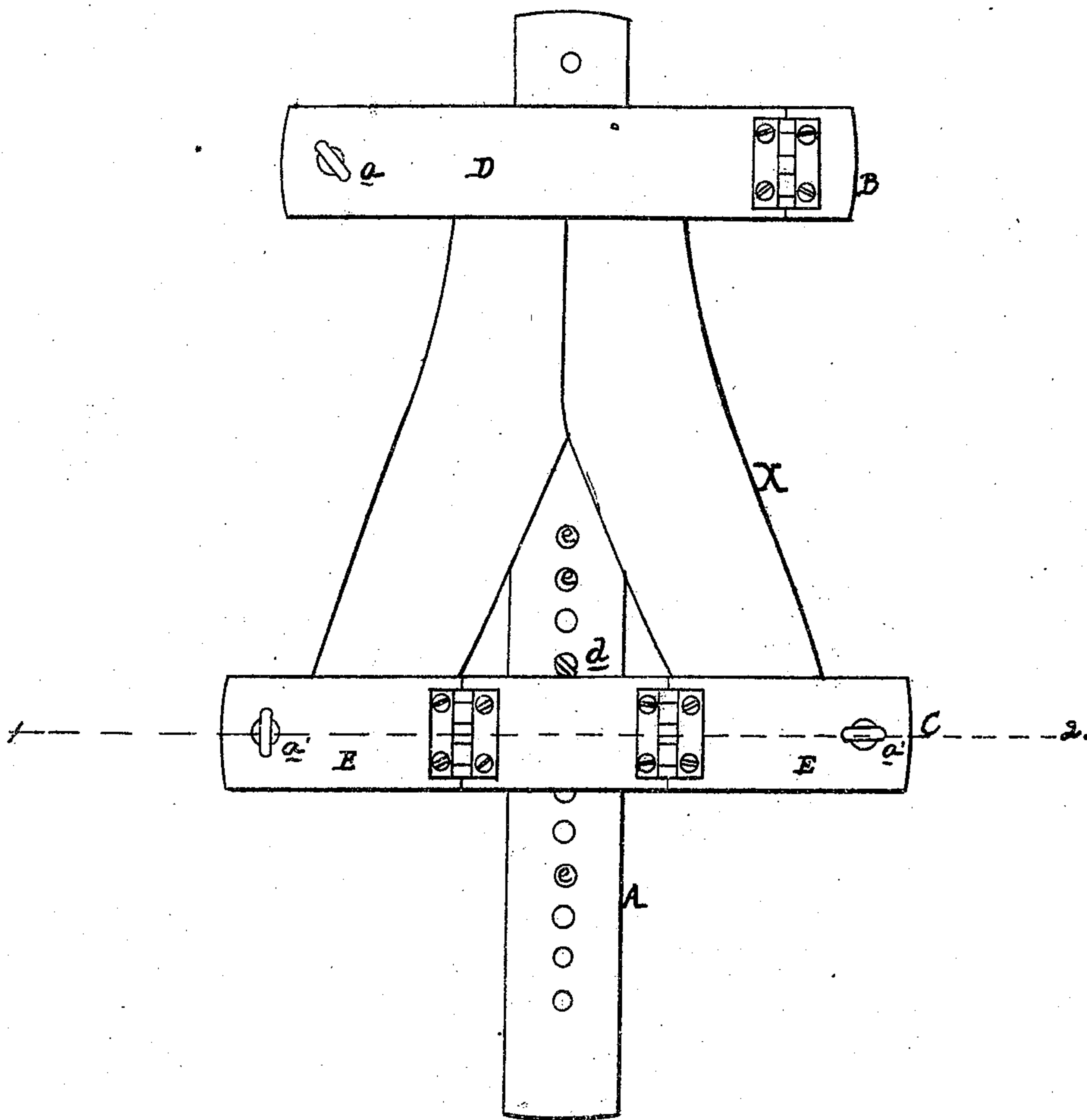
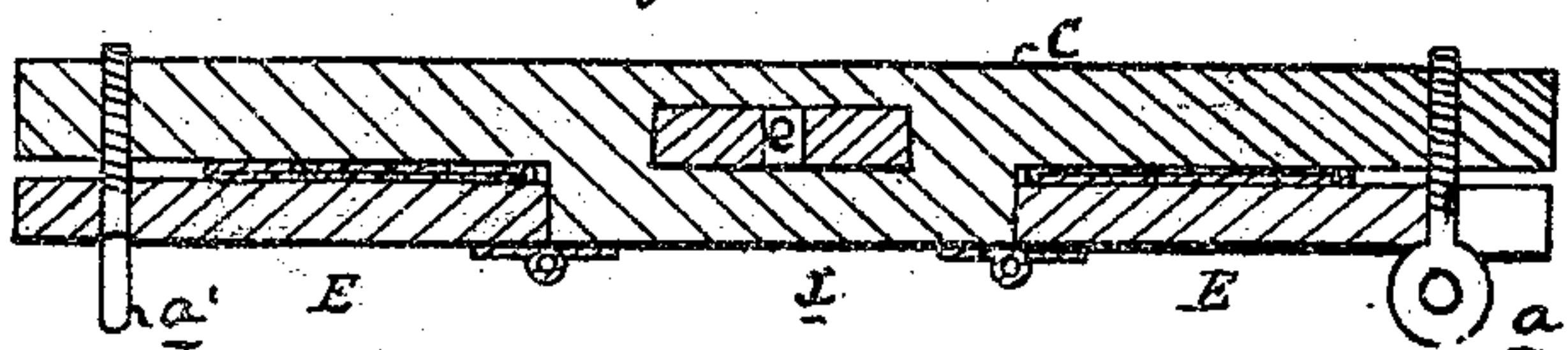


Fig. 2.



Inventor.

Witnesses.
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UNITED STATES PATENT OFFICE.

JOSEPH MOTTET, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN APPARATUS FOR STRETCHING PANTALOONS.

Specification forming part of Letters Patent No. 43,596, dated July 19, 1864.

To all whom it may concern:

Be it known that I, JOSEPH MOTTET, of Philadelphia, Pennsylvania, have invented an Improved Frame for Stretching Pantaloons; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists of a plate and two cross-pieces, with clamps, or their equivalents, the whole being arranged and operated as described hereinafter, and forming a frame on which pantaloons may be stretched, and their length thereby increased, when they have shrunk in consequence of the cloth having been insufficiently "sponged" or dampened prior to the pantaloons being made.

In order to enable others to make and use my invention, I will now proceed to describe its construction and operation.

On reference to the accompanying drawings, which form a part of this specification, Figure 1 is a plan view of my improved frame for stretching pantaloons, and Fig. 2 a section on the line 1 2, Fig. 1.

A is a plate, at right angles to which, near one end, is secured a cross-piece, B, the other end of the plate passing through a cross-piece, C, which is arranged to slide on the said plate parallel to the cross-piece B. Near one end of this cross-piece B is hinged a clamp, D, through the outer end of which passes a screw, *a*, into the cross-piece beneath it. On each side of a central enlargement, *x*, of the cross-piece C is hinged a clamp, E, a screw, *a'*, passing through the outer end of each clamp and into the end of the cross piece beneath it. In the center of the plate A are a number of openings, *e*, to which is adapted a pin, *d*.

It is well known that woolen goods, of which many articles of wearing apparel are made, are frequently insufficiently sponged or dampened before being made into garments, and that consequently when such articles become wet they sometimes shrink to such a degree as to render them unfit for use. This is especially the case with pantaloons, which are not so readily protected from the wet by cloaks or umbrellas as are upper garments.

By my improved stretching apparatus I am enabled to restore shrunken pantaloons to nearly their original length. The upper part of a pair of pantaloons, X, is first introduced between the clamp D and the cross-piece B, and the clamp is brought to bear firmly on the pantaloons and to secure the latter in their position by means of the screw *a*. The lower end of each leg is then secured in a similar manner between one of the clamps E and the cross-piece C, care being taken that the pantaloons shall be as free from creases as possible. The cross-piece C is then drawn away from the cross piece B, so as to stretch the pantaloons to as great an extent as desirable. The pin *d* is introduced into one of the openings *e* nearest the inner edge of the cross-piece, and the pantaloons are steamed or sponged, and, if necessary, cleaned, the cross-piece C being drawn farther back whenever the cloth stretches to such a degree as to permit the pin *d* to be introduced into the next lower opening. When the pantaloons have been stretched to a sufficient extent, they are thoroughly dried and then removed from the frame. By this means I have found that I can lengthen an ordinary-sized pair of pantaloons from three to five inches, according to the quality of the cloth, and that the creases formed in the pantaloons from the unequal shrinking of the cloth, caused by its having been insufficiently sponged, can be entirely removed.

It will be obvious that other devices may be used instead of the clamps D and E, and may be used in curing the pantaloons to the cross pieces.

I claim as my invention and desire to secure by Letters Patent—

The plate A, with its cross-pieces B and C, and the clamps D and E, or their equivalents, the whole being arranged and operating substantially as and for the purpose specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOSEPH MOTTET.

Witnesses:

CHARLES E. FOSTER,
JOHN WHITE.