

(No Model.)

A. J. SHRIVER.
TROUSERS.

No. 366,516.

Patented July 12, 1887.

Fig. 1.

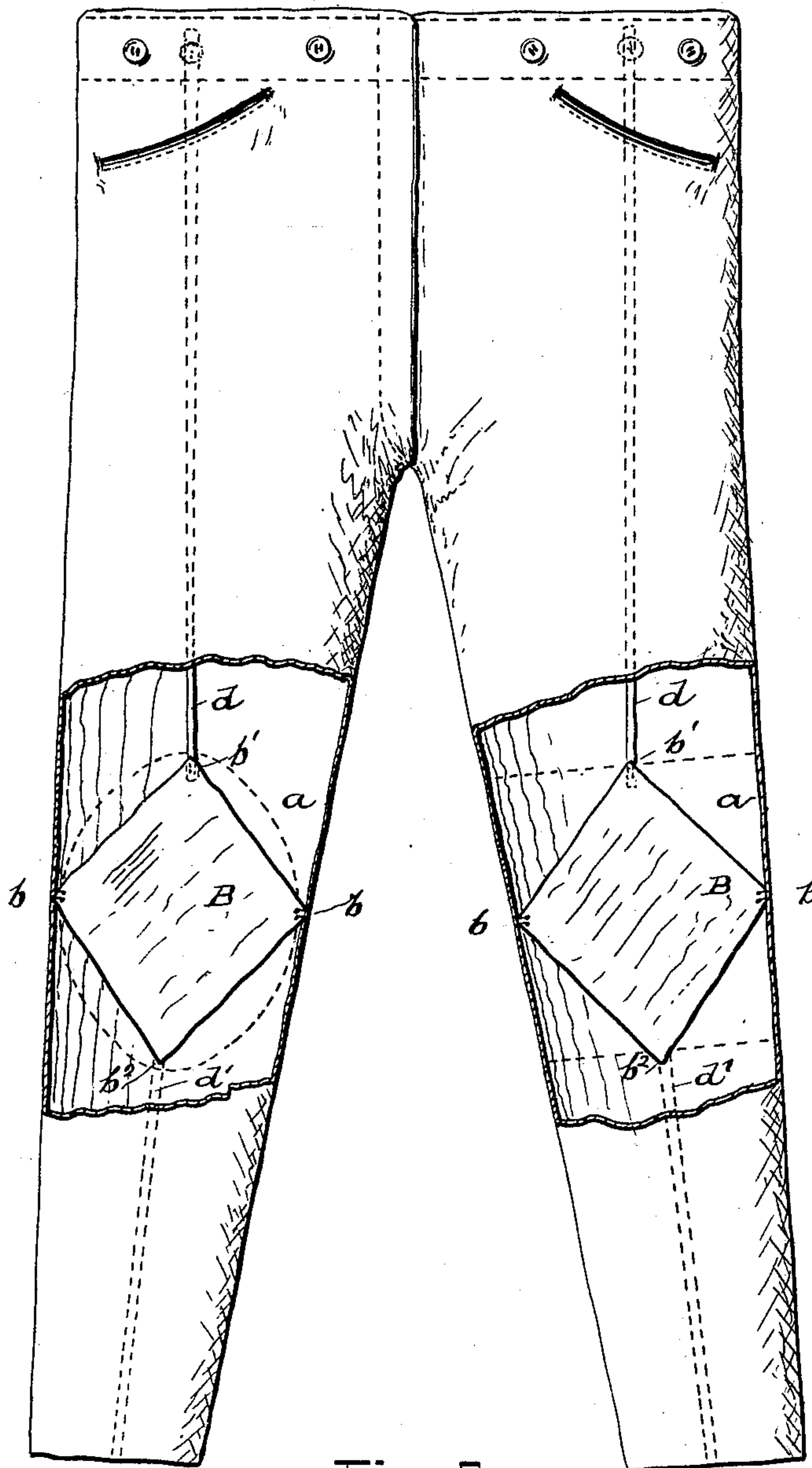
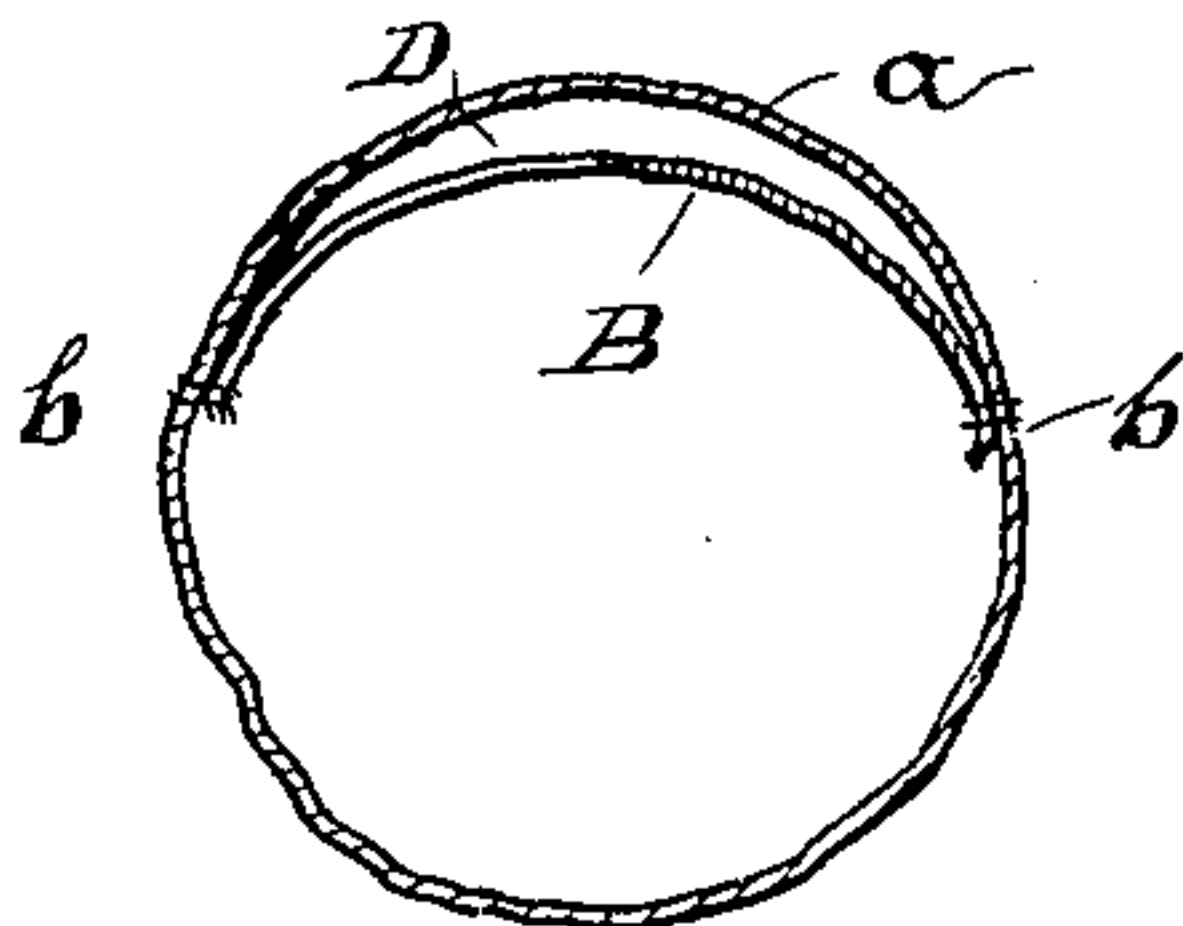


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

AARON J. SHRIVER, OF NEW YORK, N. Y., ASSIGNOR TO S. M. SHRIVER, OF
SAME PLACE.

TROUSERS.

SPECIFICATION forming part of Letters Patent No. 366,516, dated July 12, 1887.

Application filed December 18, 1886. Serial No. 221,949. (No model.)

To all whom it may concern:

Be it known that I, AARON J. SHRIVER, of the city, county, and State of New York, have invented a new and useful Improvement in
5 Trousers, of which the following is a full, clear, and exact description.

My invention relates to an improvement in trousers, and has for its object to provide a means to intercept the strain exerted upon the
10 knees of said trousers, thereby preventing them from stretching or bagging out.

The invention consists in the construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out
15 in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

20 Figure 1 is a front elevation of a pair of trousers, partly sectional, having my improvement attached; and Fig. 2 is a horizontal section of a leg of said trousers at the knee.

In carrying out my invention I provide the
25 knee parts *a* of the trousers at the front, upon the inside, with a strip of fabric, B, preferably linen, cut diamond shape, about a half-inch or more narrower than the front portion of the trousers at the knee. I attach the said strip
30 B at or near the seams at its sides *b* only. A space, D, is then formed between the strip B and the knee portion of the said trousers, as shown in Fig. 2. The pressure of the wearer's knee will therefore press the strip of fabric
35 into the space D without exerting force against the said knee portion of the cloth.

To prevent tearing the strip B from its place in drawing on the trousers, at the top *b'* of the said strip I attach a tape, *d*, which tape is
40 carried upward and fastened at or near the

waistband. Another piece of tape, *d'*, may be attached at the lower part, *b''*, of the strip B, if found desirable, the other end being secured near the bottom of the trousers-leg.

The strip of fabric B may be made square 45 or oval, as shown in dotted lines, Fig. 1, without departing from the spirit of my invention. The strip may be attached at the top to the trousers by a blind-stitch or equivalent means, and then folded down and fastened, as herein- 50 before stated, if so desired; but in practice I preferably provide a tape and attach the strip at two opposite points only.

It will be seen that by my invention the cloth from which the trousers are made is re- 55 lieved from the strain exerted thereon by the knees of the person wearing them, particularly in sitting down, and while the knee of ordinary trousers is liable to stretch and bag out, thereby marring the shape of the article, 60 through my attachment trousers retain their original shape for a long time.

The invention is equally as applicable to the elbows of dresses and coats as to the knees of trousers. 65

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

The combination, with the knee part of trousers, of a diamond shaped strip of fabric, B, 70 of less width than the said knee part, secured at two opposite points of its sides only, and provided with a tape attached to the upper edges of said strip and to the trousers near the waistband, substantially as shown and de- 75 scribed.

AARON J. SHRIVER.

Witnesses:

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E. M. CLARK.