

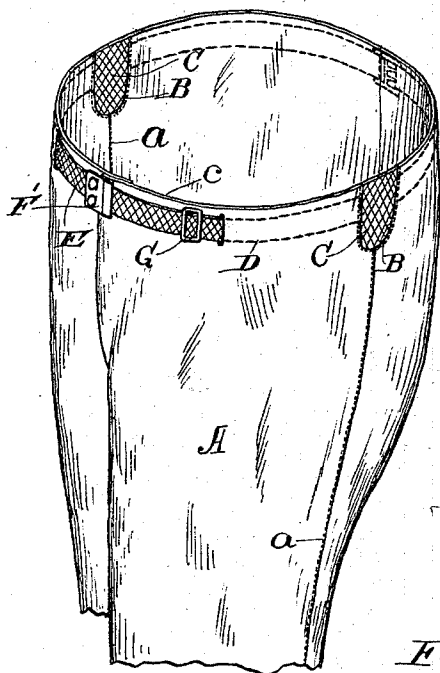
(No Model.)

L. S. SHAUER.  
TROUSERS.

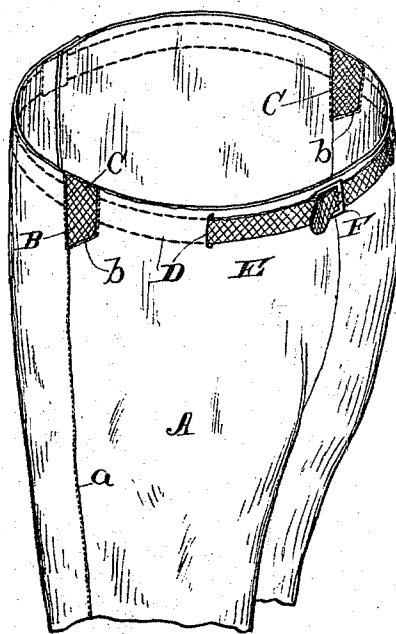
No. 528,038.

Patented Oct. 23, 1894.

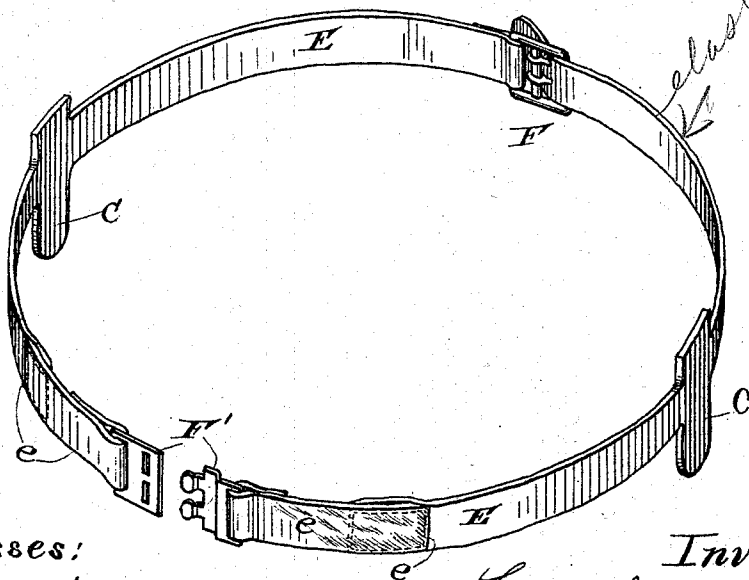
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses:

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# UNITED STATES PATENT OFFICE.

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## TROUSERS.

SPECIFICATION forming part of Letters Patent No. 528,038, dated October 23, 1894.

Application filed July 14, 1894. Serial No. 517,553. (No model.)

*To all whom it may concern:*

Be it known that I, LOUIS S. SHAUER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Trousers, of which the following is a specification.

This invention relates to improvements in trousers, and while it is applicable to almost any kind of trousers, yet it is more especially adapted to that class of such garments worn by athletes, such as bicyclists, base-ball players, &c., and it consists in certain peculiarities of the construction, novel arrangement, and operation of the various parts thereof, as will be hereinafter more fully set forth and specifically claimed.

The objects of my invention are, first, to provide a simple and inexpensive device, which can be easily and readily attached to trousers of any description, and will produce a snug fit around the waist; and second, such a device, which by reason of its elasticity will cause the trousers to fit closely and conform to the contour of the waist or abdomen under the varying postures of the body, and will obviate the necessity of employing suspenders to support the trousers, yet will so fit the wearer, as to cause no inconvenience or uncomfortableness.

In order to enable others skilled in the art to which my invention pertains to make and use the same, I will now proceed to describe it, referring to the accompanying drawings, in which—

Figure 1, is a front perspective view of the upper portion of a pair of trousers, embodying my invention. Fig. 2, is a rear perspective view of a portion of a pair of trousers, showing my invention applied thereto and illustrating a modification in the same, and Fig. 3, is a perspective view of the adjusting belt, detached from the trousers.

Similar letters refer to like parts throughout the different views of the drawings.

A, represents a pair of trousers, which are made of any suitable material, and of the ordinary or any preferred style. At the upper part and at the top of the outside seams *a*, of the legs, the trousers are formed with a recess or cut-away portion B, which as shown in the drawings, is of about the same width

at its top and bottom, but may be slightly rounded at its lower portion, as shown in Fig. 1, of the drawings. Within each of the recesses or cut-away parts B, is placed and secured an elastic piece C. On each side of the recesses B, the waist-band *c*, of the trousers is provided with a circumferential pocket D, which extends some distance from the recesses B, toward the openings in the front and rear of the trousers. Within these pockets is fitted an elastic strap E, which is attached to the elastic pieces C, or may be made integral therewith, as shown in Fig. 3, of the drawings. The ends of the straps E, are provided with buckles F, or clasps F', for uniting them together, and may also be supplied with an adjusting slide G, the use of which is so well known in shortening or lengthening suspenders, that it is not deemed necessary to fully describe the same herein.

In Fig. 2, of the drawings, I have shown a modification in the form of the recesses or cut-away parts at the top of the side-seams of the legs of the trousers, which consists in forming the bottom of the recesses or cut-away parts B', slightly forwardly inclined, as at *b*, which construction will render a better fit of the trousers to a muscular person or one who is fleshy, for the reason that the recesses containing the elastic pieces C, will fit over the hip-bones of the wearer, and as the muscles or flesh protrude or extend downwardly and rearwardly from the upper portion of the hip-bones, it is obvious that by forming the recesses with the inclined bottom *b*, it will allow the elastic pieces C, to stretch in the different contortions of the body, without causing the same to wrinkle or pucker. This result is also attained by employing recesses, which are of substantially the same width at their top and bottom, as is shown in both Figs. 1, and 2, of the drawings.

The operation of my device is simple and as follows: The straps E, are placed within the pockets D, and the elastic pieces C, are secured within the recesses or cut-away parts, when the straps may be secured together, at the front of the trousers, by means of the clasp F', and adjusted to the size of the waist, by means of the buckle F, at the rear portion of the waist of the trousers.

This arrangement will permit of the waist of the trousers being tightened to any degree, and as the belt rests on the body of the wearer just above the hip-bones, it is obvious  
5 that it will prevent the trousers slipping down, thus obviating the necessity of the use of suspenders. It is also apparent that by reason of the elastic pieces C, and the straps E, forming the belt, which are passed through  
10 the circumferential pockets D, will uniformly support the waist band of the trousers, and prevent it puckering or forming into wrinkles, which would be uncomfortable to the wearer and under active exercise would irri-  
15 tate the flesh.

Instead of forming the straps E, entirely of elastic material, I may make the front portion thereof of leather or other non-elastic material e, and attain substantially the same  
20 result as above set forth. In some instances I may also dispense with the circumferential pockets D, and attach the straps E, composing the belt, which may be made entirely of elastic material or partly so, as shown in Fig.

3, to the upper portion of the trousers, in  
25 which position it will assume the functions of the waist-band. When so used however, the elastic pieces C, will be secured within the recesses or cut-away parts B, as before stated.

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

As an improved article of manufacture, a pair of trousers having at the top of the side  
35 seams thereof a recess or cut-away part of substantially the same width at its top and bottom, a circumferential pocket on each side of each of said cut-away parts, an elastic piece secured in the recesses or cut-away  
40 parts, and straps passed through the pockets and attached to said elastic pieces and provided at their ends with means for adjust-  
ably securing them together, substantially as described.

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