

(No Model.)

M. & S. RACHELMAN.
TROUSERS.

No. 475,416.

Patented May 24, 1892.

Fig. 1.

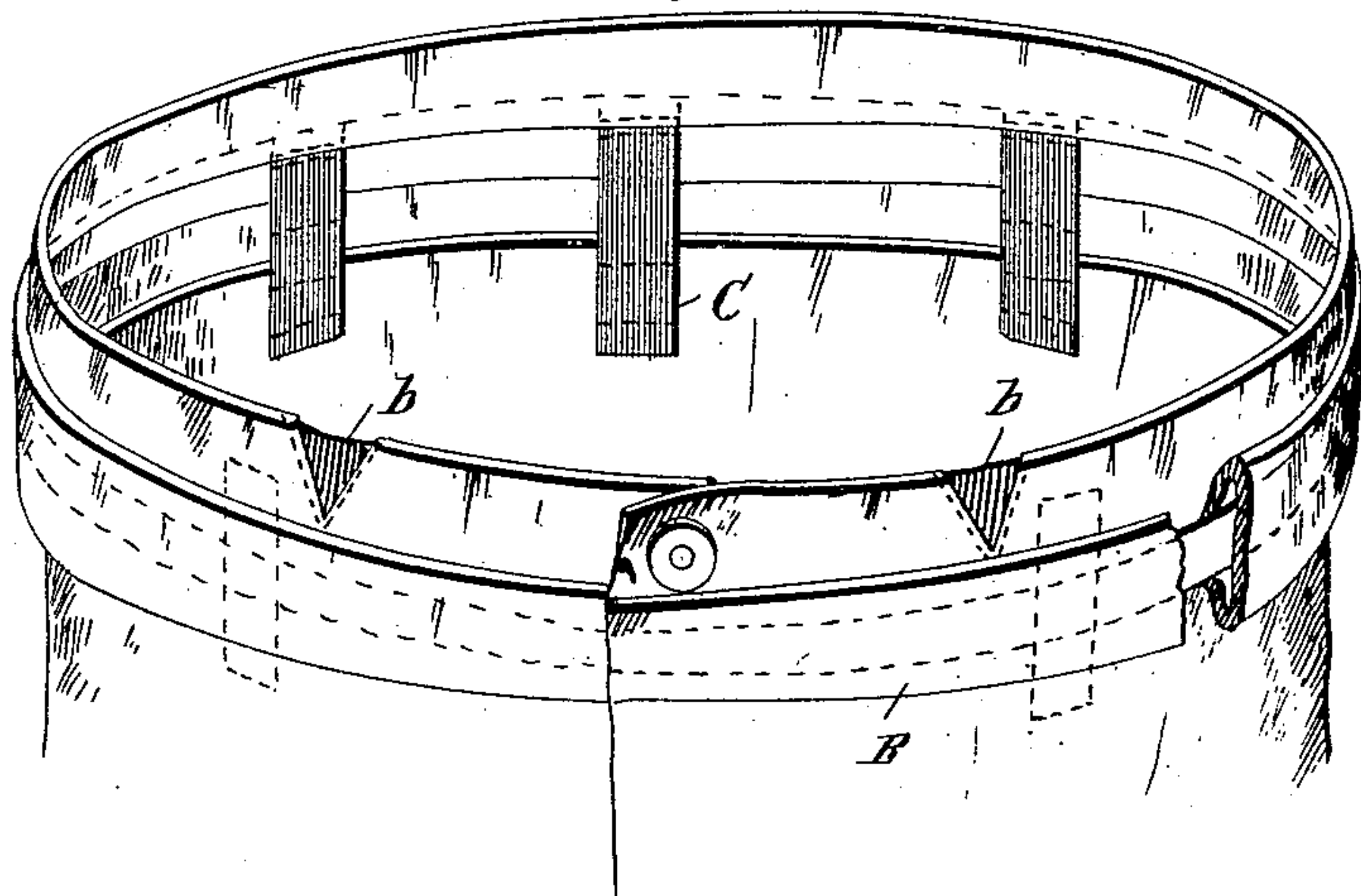
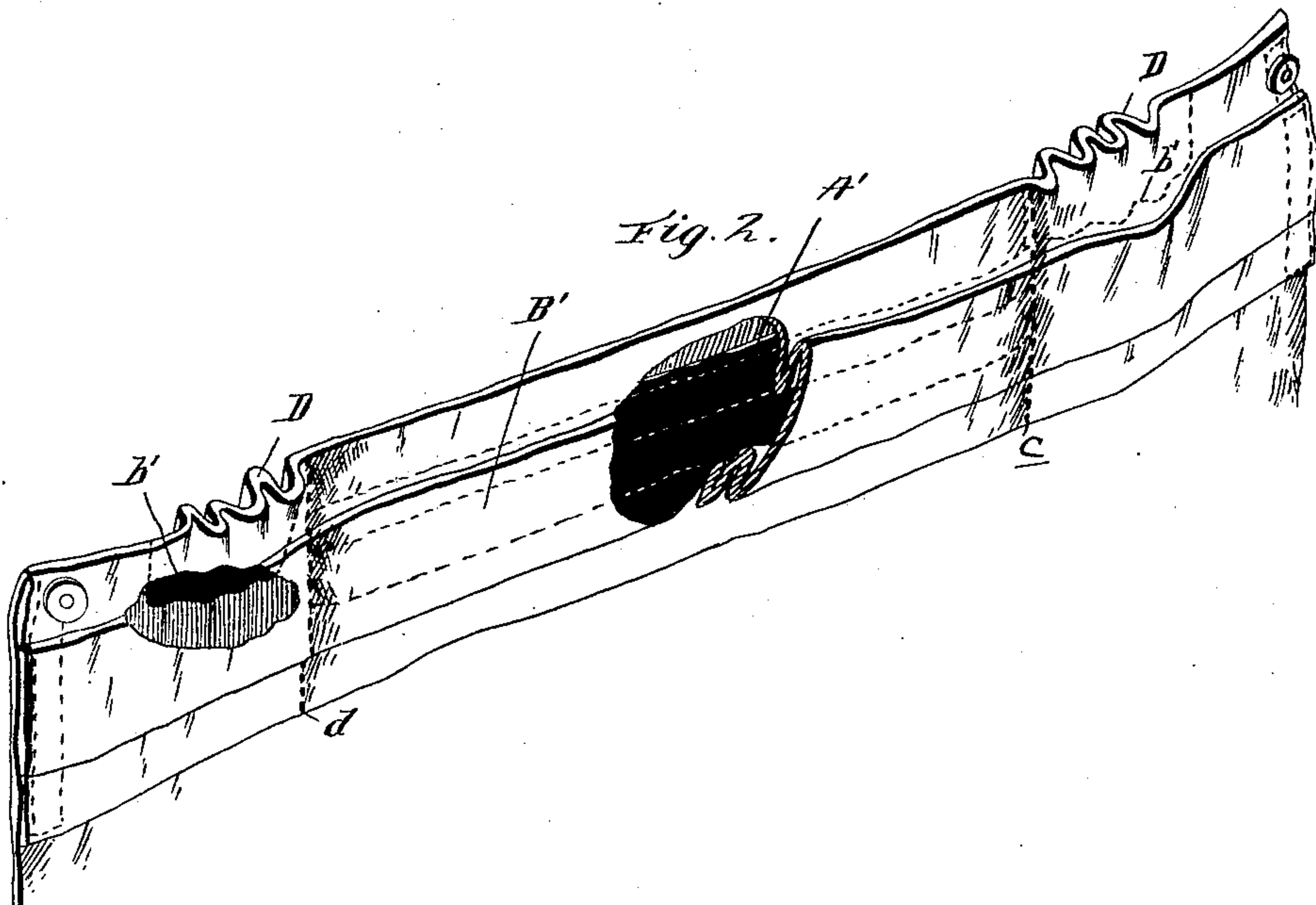


Fig. 2.



Witnesses:
C. H. Rauber
H. T. Matthews.

Inventors
Max Rachelman &
Samuel Rachelman.
By James Sheehy atty.

UNITED STATES PATENT OFFICE.

MAX RACHELMAN AND SAMUEL RACHELMAN, OF ST. PAUL, MINNESOTA.

TROUSERS.

SPECIFICATION forming part of Letters Patent No. 475,416, dated May 24, 1892.

Application filed January 10, 1891. Serial No. 377,364. (No model.)

To all whom it may concern:

Be it known that we, MAX RACHELMAN and SAMUEL RACHELMAN, citizens of the United States, residing at St. Paul, in the county of Ramsey and State of Minnesota, have invented certain new and useful Improvements in Pantaloons; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an improvement in pantaloons, overalls, and other like articles of apparel; and it has for its object, among other things, to provide an elastic expansion from and below the waistband and, as well as affording ease and comfort to the wearer, will permit of a stooping or bending position of the human body and always preserve the original shape and form of the garment.

A further advantage following from the use of our improvements is the doing away with the strain on the shoulders and breast caused by the use of suspenders and shoulder-straps.

A still further object is to provide expansion around the waste and form, and to accomplish this latter object in garments for corpulent persons it is desirable to have elastic pieces in the front of the band portion, while with slender-built persons or people with ordinary forms such pieces may be placed in the back or rear portion of the garment.

The invention will be fully understood from the following description and claims, when taken in connection with the accompanying drawings, in which—

Figure 1 is a perspective view, partly in section, of a portion of a pair of trousers disclosing one embodiment of our invention; and Fig. 2 is a perspective view of the rear portion of a pair of trousers or overalls disclosing another embodiment of our invention.

In Fig. 1 of the drawings we have disclosed a construction adapted more especially for use upon trousers designed for corpulent persons, as it will hereinafter be seen that special provision is made in this construction for persons having such bodies. In this construction we form a large box-plait B just below the waistband of the trousers and extending all around the same, as illustrated, and connected to the two folds of this plait B and to

the trousers proper are vertical strips of elastic material C, which are arranged at suitable intervals all around the garment. By the employment of the strips C, arranged and connected to the plait and trousers proper, as described, it will be seen that the two elements together afford longitudinal expansion, which will enable the garment to readily adjust itself to the form of the wearer and permit of stooping movements of the body without inconvenience to the wearer or injury to the shape of the garment.

In Fig. 2 of the drawings a construction is disclosed which is more especially adapted to be applied to overalls, although, as is obvious, it might be applied to advantage upon men's or children's trousers. In this construction a box-plait B' is employed, similar in form to that in Fig. 1, but extending only the width of the rear portion of the trousers. Secured in a suitable manner within this plait B' and extending between the points c and d thereon is an elastic strip A', of suitable material, to which the inner edges of the folds of the plait are attached. Where the plait B' and elastic strip A' are employed in the rear portion of the trousers and not in the front thereof, an additional elasticity is desirable, and to this end we form in the upper portion of the waistband, adjacent to the sides of the trousers, a series of vertically-disposed plaits or puckers D, and interposed between the strips of material are elastic strips b', there being three puckers illustrated on each side, although it is obvious that any suitable number might be employed, and by the employment of these vertically-disposed elastic puckers or plaits it will be seen that a greater lateral expansion and contraction is afforded, whereby the garment will more firmly clasp the form, but at the same time allow free movements thereof.

As has been stated, the construction disclosed in Fig. 1 of the drawings is more especially adapted to be employed upon garments designed for corpulent persons, and to furnish greater ease in the movements of the wearer we place in the front portion of the trousers, at the upper edges of the waistband and on either side of the fly, elastic strips b, which are inserted in V-shaped slits or cut-out portions and serve to give the ease upon the stomach which is so desirable.

Although in the foregoing specification we have minutely and carefully described all the details of our invention, yet it is obvious that in practice such changes may be made in the construction of the several features as fairly fall within the spirit of our invention.

Having described our invention, what we claim, and desire to secure by Letters Patent, is—

10 1. A pair of trousers having a plait formed in its body just below the waistband, an elastic strip for normally holding the plait in a closed position and affording expansion lengthwise of the garment, and the elastic
15 strips inserted in the band to allow lateral expansion or expansion around the body, substantially as specified.

2. A pair of trousers having a plait formed in its body just below the waistband and ex-

tending the width of the rear portion of the trousers, an elastic strip for normally holding the plait in a closed position extending from the middle of the rear portion of the trousers to points adjacent the sides thereof, a series of vertically-disposed plaits or puckers formed in the waistband adjacent to the ends of the elastic strip, and the elastic strip *b'* interposed between the strips of material forming the waistband, substantially as and for the purpose specified. 25 30

In testimony whereof we affix our signatures in presence of two witnesses.

MAX RACHELMAN.
SAMUEL RACHELMAN.

Witnesses:

W. F. BUSSE,
W. W. THOMAS.