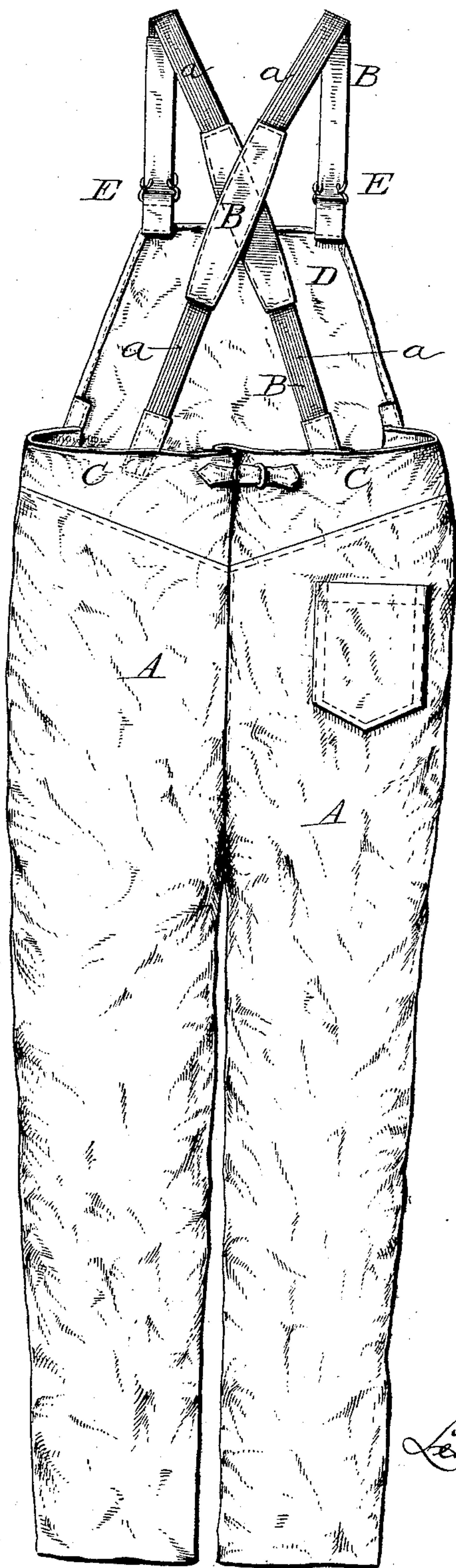


(No Model.)

L. A. GUTERMAN.
OVERALLS.

No. 328,025.

Patented Oct. 13, 1885.



WITNESSES

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UNITED STATES PATENT OFFICE.

LEOPOLD A. GUITERMAN, OF ST. PAUL, MINNESOTA.

OVERALLS.

SPECIFICATION forming part of Letters Patent No. 328,025, dated October 13, 1885.

Application filed June 19, 1884. Serial No. 135,431. (No model.)

To all whom it may concern:

Be it known that I, LEOPOLD A. GUITERMAN, of St. Paul, in the county of Ramsey and State of Minnesota, have invented certain new
5 and useful Improvements in Overalls, of which the following is a specification.

My invention relates to what are known to the trade as "apron overalls;" and it consists in providing the shoulder bands or straps
10 thereof (which are permanently secured to and constitute a part of the overalls) with elastic sections to relieve the wearer of the strain and rubbing to which he is subjected where such provision is not made.

15 The drawing represents a pair of overalls embodying my invention.

Hitherto it has been customary to manufacture garments of this class with supporting-bands or shoulder-straps of the same material
20 throughout as the body of the garment. Such construction is found to be highly objectionable and injurious to wearers, who are of course mechanics and laborers, and who in the pursuit of their vocations are required to
25 move the arms freely, to stoop and rise frequently, and who must, therefore, have easy-fitting garments in which to work.

Denim working-clothing is largely used by men of these classes, and such goods, like
30 most other goods used in the manufacture of working-clothes, and of overalls particularly, possess little or no elasticity; hence it results that overalls made of such goods must be made loose and baggy in order to permit
35 free movement of the body and limbs of the workman, and a close fit about the crotch or seat of the overalls has hitherto been impracticable. Even when a loose fit is provided the strain and rubbing upon the shoulders,
40 and a like strain upon the shoulder-straps and the garment invariably occur, much to the discomfort of the wearer and to the injury of the garment. These difficulties I completely overcome by making the overalls A in the
45 usual manner, with the exception of the shoulder-bands or shoulder-straps B, which latter are permanently attached to the waistband C at the rear, and in use are carried up over the shoulders and joined to the apron D by
50 buckles E, as usual, but which, instead of be-

ing made wholly of the same goods as the garment, are provided each with elastic sections *a*, one or more, which permit all movements of the wearer to take place easily and without strain, at the same time holding the
55 overalls well up in the crotch, and securing a vastly better fit than is otherwise possible.

Practical use of overalls thus constructed demonstrates the great benefit and advantage to be derived by the use of the elastic shoulder
60 straps or bands, as shown by the absence of all soreness or bruising of the shoulders or straining or tearing of the garment at or about the points of attachment of the bands.

One or more sections of elastic material
65 may be used in each band, or both may be attached to one elastic section at the back, though I prefer to make the middle and end portions of the bands of inelastic material, and the intermediate portions of elastic material,
70 and to employ for the latter the elastic webbing common in trade, having rubber bands or threads introduced into or constituting the warp.

The entire band may be made of such elastic material, if desired, but not to so good advantage.

Another advantage of the improved construction herein set forth is found in the fact that the elastic bands or sections prevent the
80 apron from falling away from the body of the wearer in working or in stooping over, holding the same close to the body and preventing the entrance of chips and dirt behind the apron. Again, the elastic sections permit the
85 garment to be put on or off without the necessity of unbuckling the straps, and thus considerable bother and waste of time are avoided.

Having thus described my invention, what I claim is—

As an article of manufacture, a pair of apron overalls having elastic or yielding shoulder-straps permanently secured to and forming a part thereof, substantially as and for the purpose set forth.

LEOPOLD A. GUITERMAN.

Witnesses:

HIRAM F. STEVENS,
WALTER J. TROSK.