

No. 722,942.

PATENTED MAR. 17, 1903.

C. L. BUSCHMANN.
SUSPENDERS.

APPLICATION FILED MAY 5, 1902.

NO MODEL.

Fig. 1.

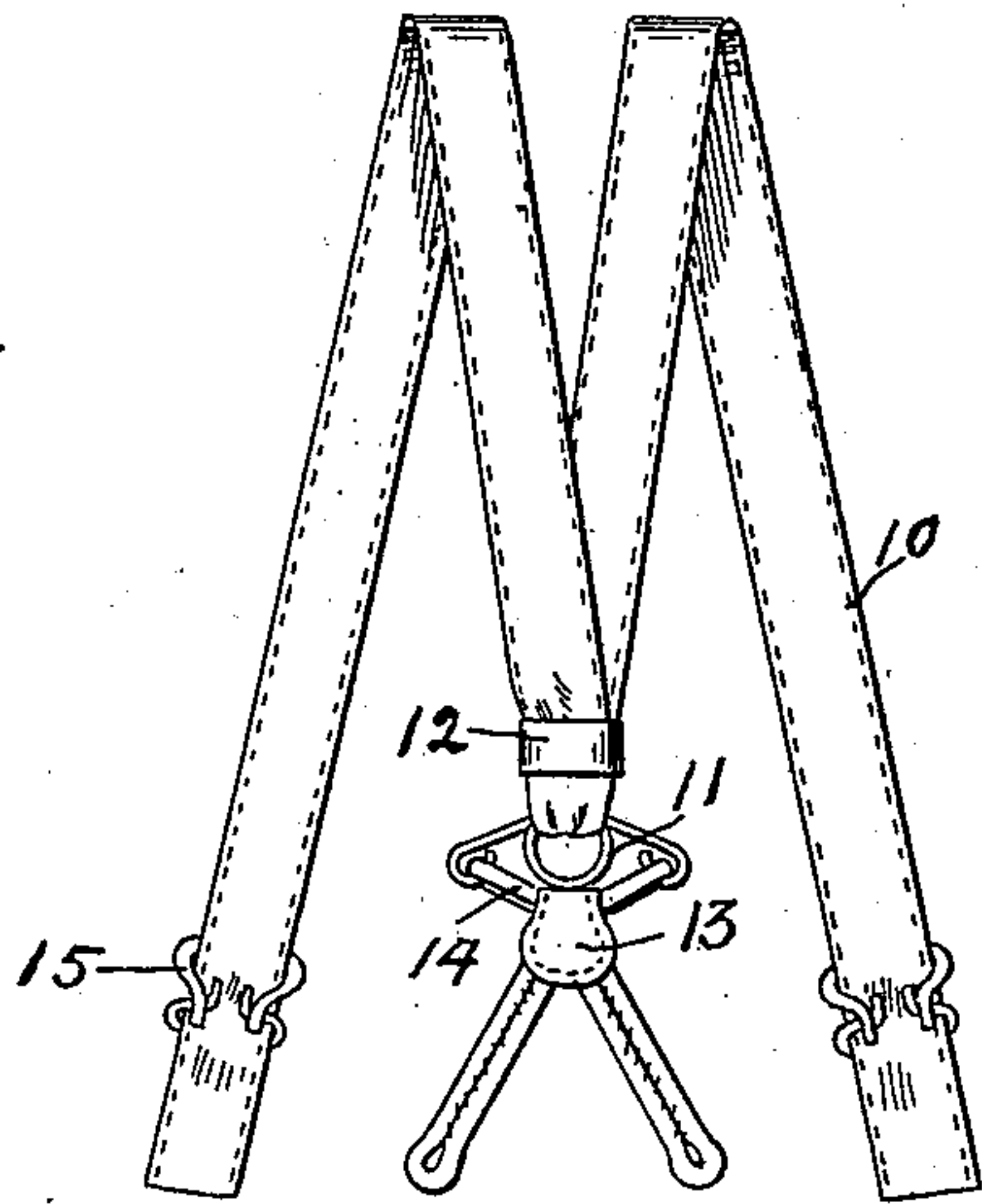


Fig. 2.

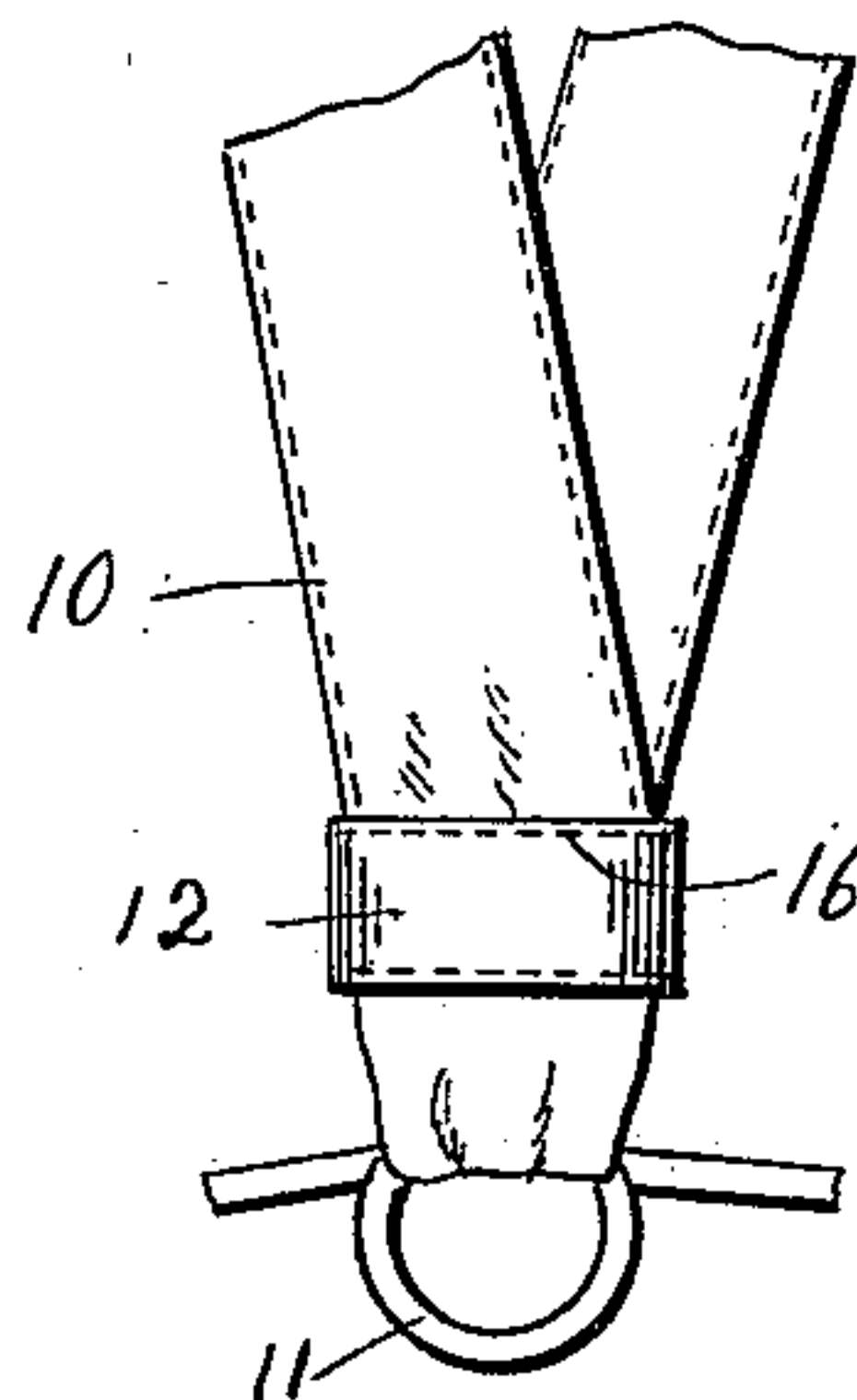
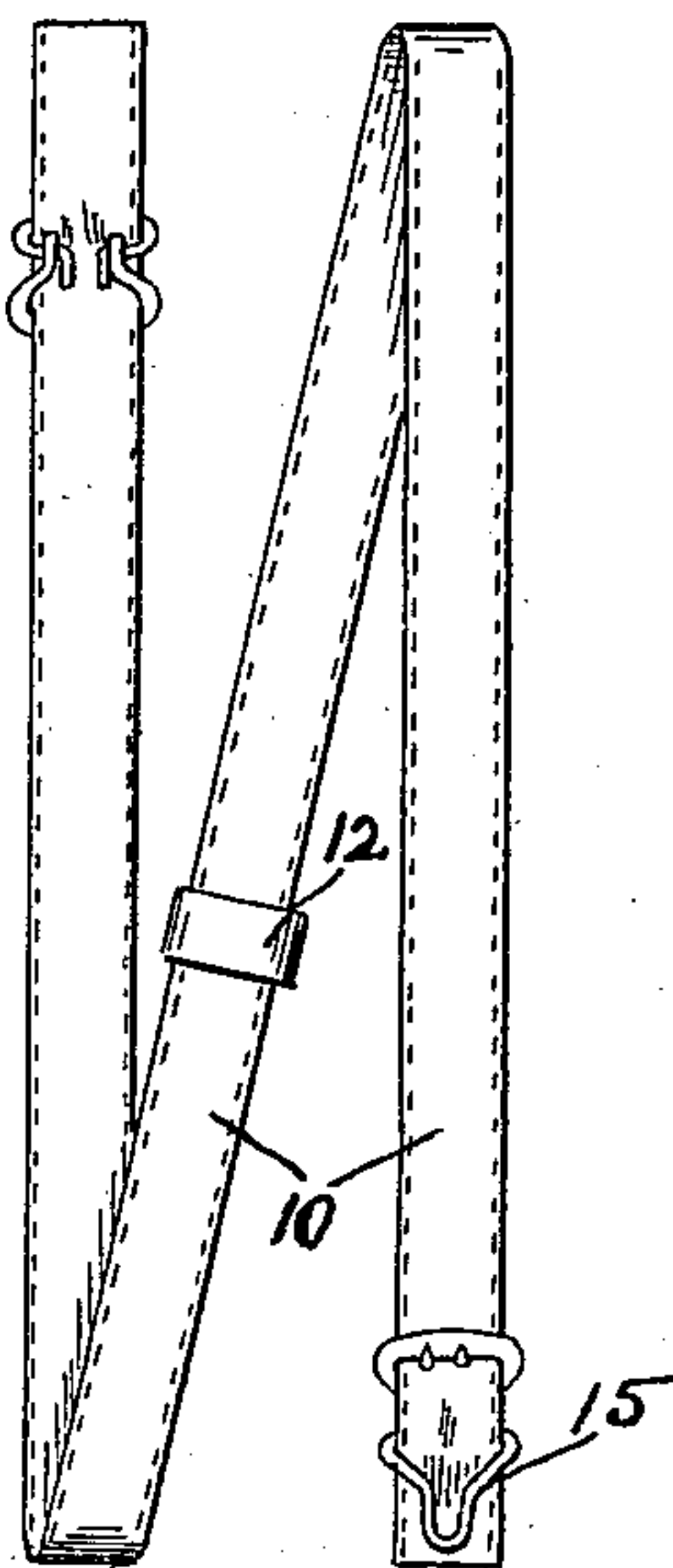


Fig. 3.



WITNESSES:

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CHARLES L. BUSCHMANN, OF INDIANAPOLIS, INDIANA.

SUSPENDERS.

SPECIFICATION forming part of Letters Patent No. 722,942, dated March 17, 1903.

Application filed May 5, 1902. Serial No. 106,013. (No model.)

To all whom it may concern:

Be it known that I, CHARLES L. BUSCHMANN, of Indianapolis, county of Marion, and State of Indiana, have invented certain new and useful Suspenders; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which like figures refer to like parts.

The object of this invention is to provide suspenders the main portions of which—the shoulder-straps—are washable. To that end the shoulder-straps are made readily removable from the back end piece and are also made non-elastic, so that they may be washed. In such suspenders therefore the elasticity necessary is confined to the rear end piece, and in the specific form here shown the elasticity is in a metal spring. To assist in accomplishing my purpose, I make the shoulder-straps in one continuous strip, which is inserted through the back end piece and held in place by a loop, as will be explained.

These suspenders are provided especially for laboring men who during their labors freely perspire and soon soil their suspenders. When thus soiled, the back end piece is readily removed and the remainder of the suspenders washed. For this purpose no rubber is used in the shoulder-straps or any part that is desired to be washed.

The nature of this invention will be understood from the accompanying drawings and the following description and claim.

In the drawings, Figure 1 is a rear elevation of the suspenders. Fig. 2 is a plan of the continuous strip forming the shoulder-braces detached from the rear end piece. Fig. 3 is a detail view showing the attachment of the loop to the main strip.

The shoulder-braces are of one continuous strip 10, made of washable material free from elastic material. It is inserted through the ring in the metal spring 11 to a point about midway. One half of said strip has secured to it by stitches 16 a simple cloth loop 12, through which the other half is inserted after it has been passed through the ring for the purpose of preventing or tending to prevent any twisting movement of the spring 11 when under strain which would result from the pull of the two halves of the single strip of mate-

rial upon the ring through which they loosely extend if the two halves were directly divergent from the ring. Said loop holds the two halves near said ring parallel with each other and one strip superimposed on the other for some distance from the ring, whereby there is a straight pull on the ring.

The rear end piece 13 has two upwardly-extending diverging arms 14, that are preferably made of cloth and connected with two oppositely-extending ends of the spring 11. Said spring consists of a single wire made into a central coil, with the two ends of the wire extending from the upper side of the coil tangentially. The spring 11, together with the parts 13 and 14, constitute what is called the "back end piece."

I do not limit myself to the details of the device as described; but such changes may be made as come within the spirit of the invention.

The front ends of the shoulder-straps are secured to buttons on the trousers by the loops 15.

It is noticed that the loop 12 is permanently secured to one half of the shoulder-brace 10, and preferably by stitches, in order that it will the better hold the rear ends of the shoulder-straps parallel for some distance from the back piece and will be washable with the shoulder-straps and will at no time escape therefrom, but always be in place for use.

What is claimed to be the invention is— Suspenders having a continuous strip of non-elastic washable material to form the two shoulder-straps, a back end piece, having the diverging arms 14, and the spring 11, with a central ring made of wire coiled, with its two ends extending from the upper side of the ring tangentially in opposite directions and secured to said arms 14 and through which ring said strip is loosely inserted, and a loop secured to one half of said strip near the back end piece through which the other half of said strip is inserted.

In witness whereof I have hereunto affixed my signature in the presence of the witnesses herein named.

CHARLES L. BUSCHMANN.

Witnesses:

V. H. LOCKWOOD,
NELLIE ALLEMONG.