

No. 689,822.

Patented Dec. 24, 1901.

A. J. KOCH.
SUSPENDERS.

(Application filed Mar. 23, 1901.)

(No Model.)

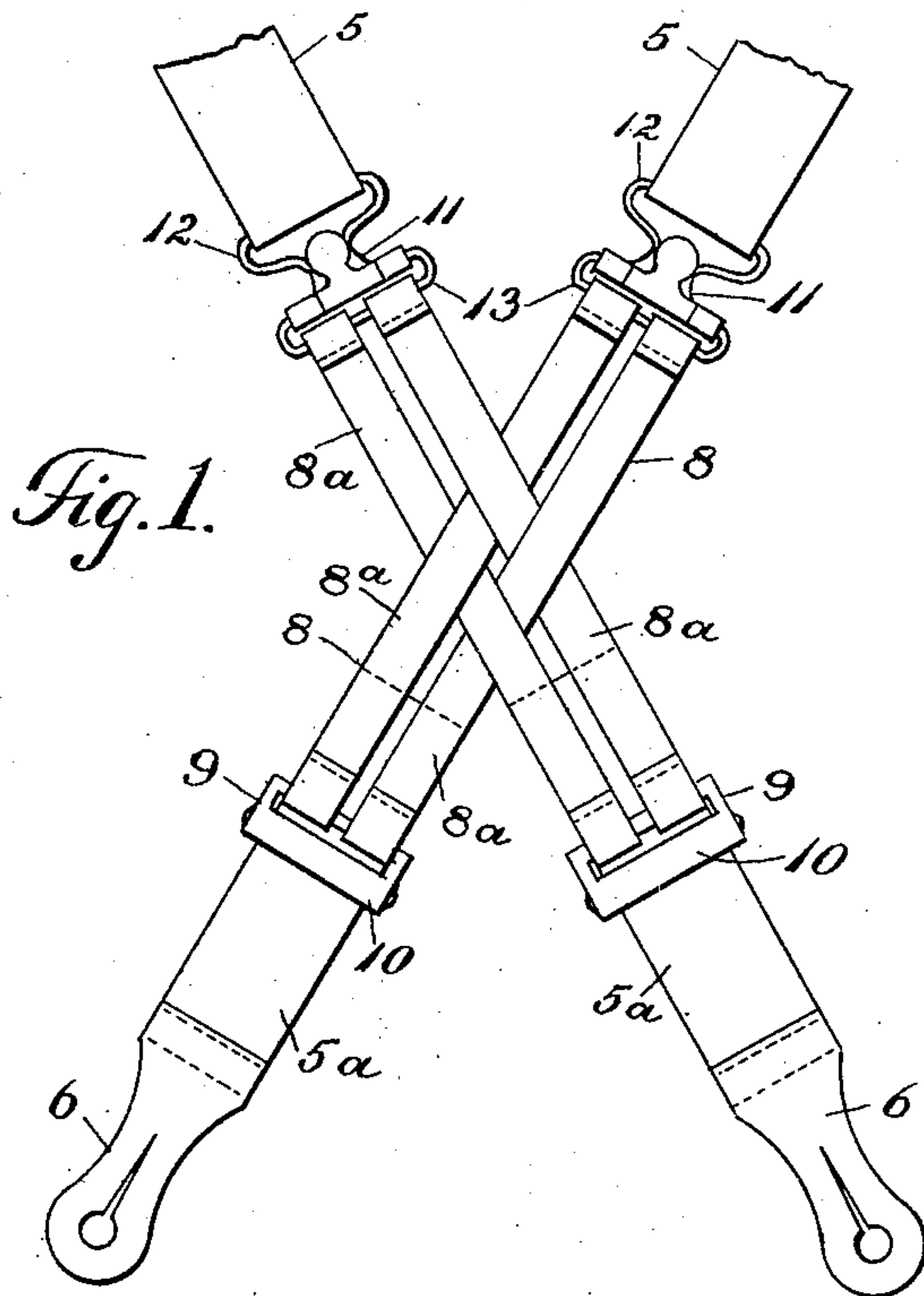


Fig. 2.

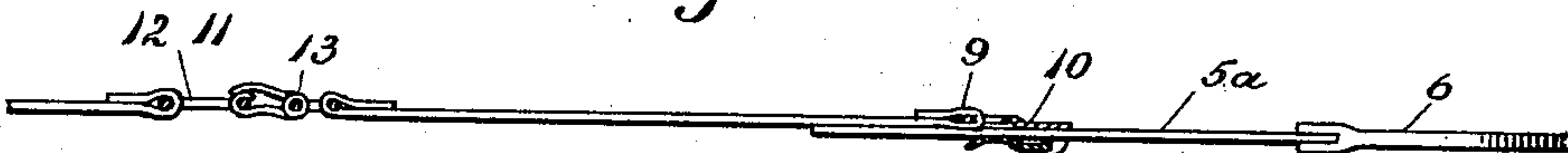
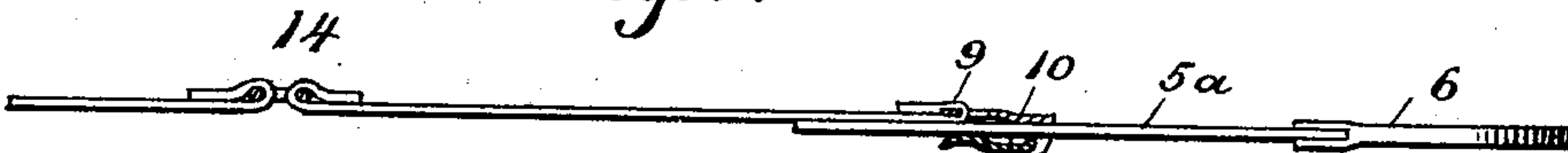


Fig. 3.



WITNESSES:

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ALFRED J. KOCH, OF NEW YORK, N. Y.

SUSPENDERS.

SPECIFICATION forming part of Letters Patent No. 689,822, dated December 24, 1901.

Application filed March 23, 1901. Serial No. 52,489. (No model.)

To all whom it may concern:

Be it known that I, ALFRED J. KOCH, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Suspenders, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

10 This invention relates to suspenders; and the object thereof is to provide ordinary trousers-suspenders with detachable and insertible back members composed of interlaced parts which are detachable and which

15 adjust themselves to various positions of the body; and with this and other objects in view the invention consists of a pair of suspenders provided with interlaced back members constructed as hereinafter described and

20 claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated

25 by the same reference characters in each of the views, and in which—

Figure 1 is a back view of a back portion of a pair of suspenders provided with my improvement; Fig. 2, an edge view of one part

30 of a pair of suspenders, showing the construction which I employ; and Fig. 3, a similar view showing a modification.

In the drawings forming part of this specification I have shown at 5 the shoulder-straps of a pair of suspenders and at 5^a the lower end portions of said straps and with which the buttonhole-tabs 6 are connected and the shoulder-straps 5 of the suspenders and the lower portions 5^a thereof are connected by

40 my improved interlaced slidable attachment. This attachment consists of intervening members 8, by which the parts 5 and 6 of the separate shoulder-straps are connected, and these intervening members 8 are each composed of

45 two separate straps 8^a of suitable flexible material, preferably of the same material as that from which the straps of the suspenders are formed, and said straps 8^a of each of the intervening members 8 are interlaced, as shown

in Fig. 1, and are free to slide back and forth 50 and to move up and down without being disconnected.

In connecting the intervening members 8 with the straps of the suspenders I prefer to employ means whereby said connections may

55 be made both adjustable and detachable. In the drawings I have shown the said intervening members 8 connected with the parts 5^a of the suspender-strap, as shown at 9, by means of ordinary clamp-buckles 10, through

60 which the parts 5^a of the suspender-straps are passed and with which the parts 8^a of the intervening members are connected.

The connection of the intervening members 8 with the parts 5 of the suspender-straps is

65 made, as shown at 11, by means of ordinary detachable buckles composed of two parts 12 and 13, as clearly shown in Figs. 1 and 2, the part 12 of the buckle being secured to the part 5 of the shoulder-strap and the detach-

70 able portion 13 of the buckle being secured to the said straps 8^a of the intervening members 8. This connection may, however, be made as shown at 14 in Fig. 3, in which it would be a permanent connection and would not be

75 either adjustable or detachable. By means of this construction I provide a pair of suspenders the straps of which are adjustably and slidably connected at the back and free to slide one upon another. I also provide means

80 whereby the straps of the suspenders may be shortened at the back whenever desired, and, if preferred, ordinary buckles may be used at both ends of the intervening members 8, whereby the connection with the parts 5 and

85 5^a of the suspender-straps may be made.

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

A pair of suspenders comprising a pair of

90 straps, which are divided where they cross at the back so as to form main portions and end portions, and a detachable back member composed of two parts consisting of interlaced strips, said parts being free to slide one upon

95 another and being provided at one end with fastening devices by means of which they may be detachably connected with the main

portion of the suspender-straps, and at the
opposite end with fastening devices by means
of which they may be detachably connected
with the end portions of the suspender-strap,
5 substantially as shown and described.

In testimony that I claim the foregoing as
my invention I have signed my name, in pres-

ence of the subscribing witnesses, this 21st
day of March, 1901.

ALFRED J. KOCH.

Witnesses:

T. A. STEWART,
L. R. BAYER.