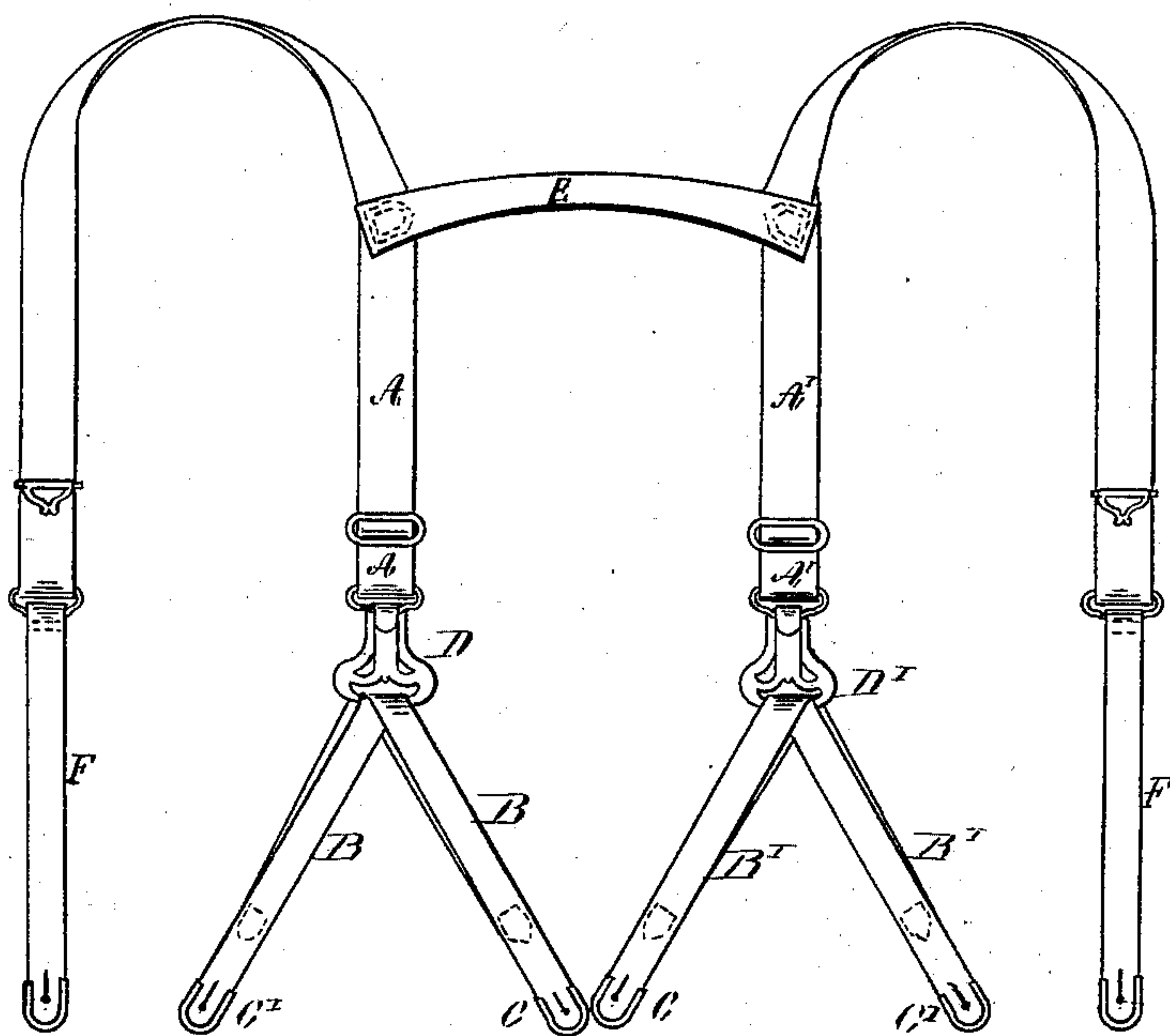


J. B. WILLIAMS.  
Suspenders.

No. 221,888.

Patented Nov. 18, 1879.



WITNESSES  
William Cummings  
W. H. Swett

INVENTOR  
James B. Williams  
by J. F. Brown  
his Atty.

# UNITED STATES PATENT OFFICE.

JAMES B. WILLIAMS, OF BOSTON, MASSACHUSETTS.

## IMPROVEMENT IN SUSPENDERS.

Specification forming part of Letters Patent No. **221,888**, dated November 18, 1879; application filed September 20, 1879.

*To all whom it may concern:*

Be it known that I, JAMES B. WILLIAMS, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improvement in Suspenders, of which the following is a full, clear, exact, and concise description, when taken in connection with the accompanying drawing, making part hereof.

In the drawing, A and A' are the shoulder-straps, of any proper material and construction, and B B and B' B' the button-straps, in the form of an inverted V, the button-strap B B being connected by means of a cross-bar, buckle, or other similar device with the rear end of the shoulder-strap A, and B' B', in like manner with the rear end of the shoulder-strap A'. This arrangement of the button-straps in relation to the shoulder-straps, making suspenders consisting of two shoulder-straps and two button-straps, as above described, constitutes the distinguishing characteristic of my invention.

It will be seen that the button-straps B B and B' B' may be made in one or two pieces, and may be fastened at D and D', or allowed to render at those points; but I prefer in all cases to allow the button-straps to render at D and D'.

I am aware that one inverted V-shaped button-strap has been used to connect the rear ends of both shoulder-straps with the two rear buttons of the pantaloons. This I do not claim, my invention consisting of two shoulder-straps adjustable as to length between the front and back button-straps, each shoulder-strap being provided with a single independent front button-strap, and with a pair of back button-straps adjustably connected with the shoulder-straps in such a manner that in ac-

commodating a lateral movement of the ends of the straps one strap is shortened and the other lengthened, or vice versa, according to the direction of the strain, the ends C C being attached to the two rear buttons of the pantaloons, and the ends C' C' being attached to the two side buttons of the pantaloons.

I am aware that the Patent No. 147,582, granted to J. H. Wattles, February 17, 1874, describes a peculiar construction of suspenders consisting of two shoulder-straps connected at the back and two extensible front button-straps adjustably attached to the shoulder-straps, and one back button-strap; but as the shoulder-straps are adjustable as to length between the front and back straps, and as there is no provision for connecting the back ends of each of the shoulder-straps with the article supported to secure the flexibility and adjustability herein set forth as the peculiar quality of this construction, I consider that said Letters Patent do not embody my invention.

What I claim as my invention is—

The suspenders described, consisting, essentially, of the shoulder-straps A A', each adapted to be adjustable and extensible as to length on both ends at the points of connection with the front and back button-straps, the back connection-strap, E, the single independent non-extensible front button-straps, F F', and the adjustable and extensible V-shaped pairs of back button-straps, B B and B' B', all constructed and arranged to operate substantially as set forth.

JAMES B. WILLIAMS.

Witnesses:

JOHN F. BROWN,  
CHESTER WILLIAMS.