

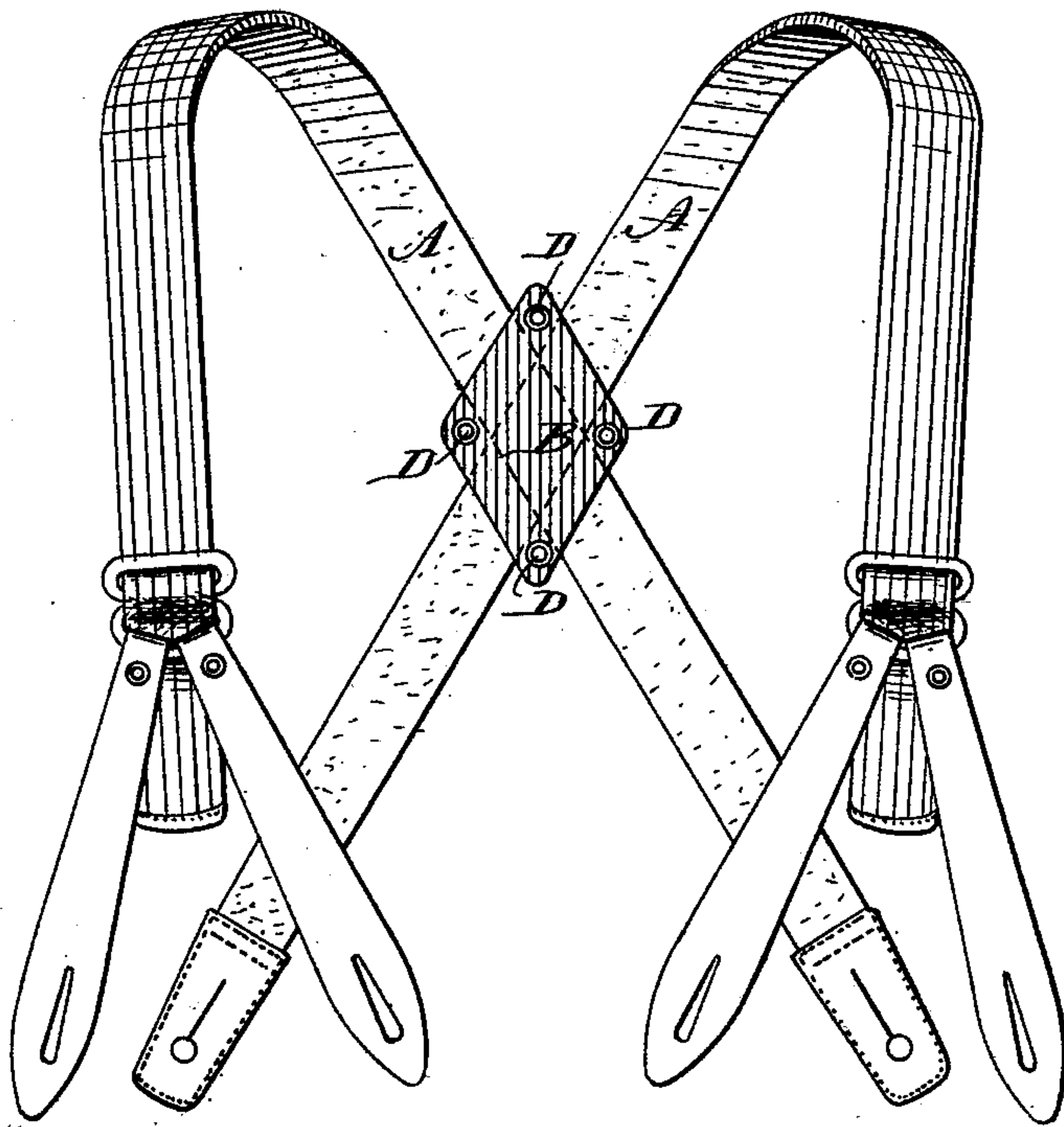
(Model.)

M. G. GUNNING.  
Suspenders.

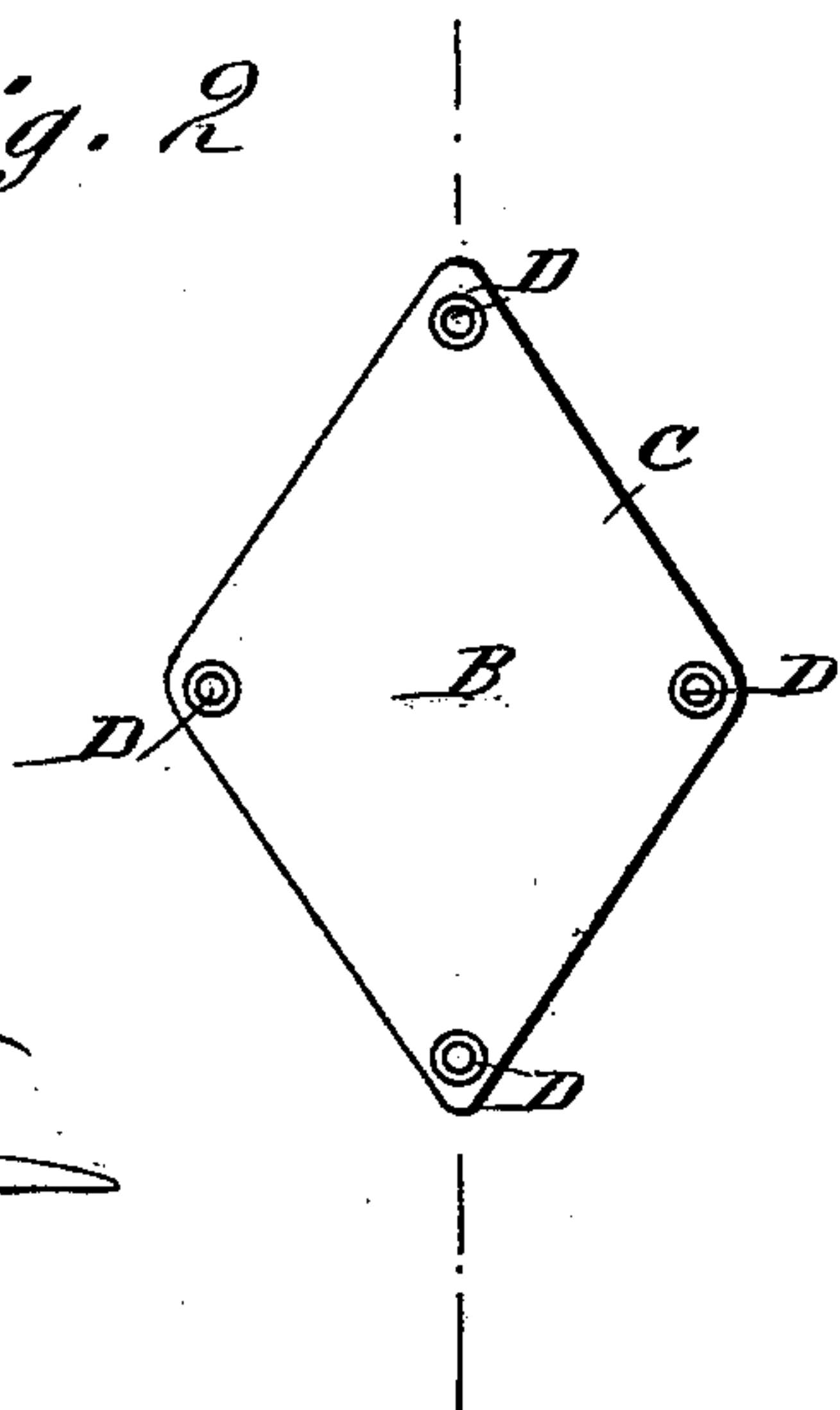
No. 234,029.

Patented Nov. 2, 1880.

*Fig. 1*



*Fig. 2*



*Fig. 3*



WITNESSES:

*C. Severux*  
*C. Sedgwick*

INVENTOR:

*M. G. Gunning*

BY

*Munn & Co*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

MICHAEL G. GUNNING, OF AMESBURY, MASSACHUSETTS.

## SUSPENDERS.

SPECIFICATION forming part of Letters Patent No. 234,029, dated November 2, 1880.

Application filed August 18, 1880. (Model.)

*To all whom it may concern:*

Be it known that I, MICHAEL GEORGE GUNNING, of Amesbury, in the county of Essex and State of Massachusetts, have invented a new and Improved Suspender, of which the following is a specification.

The object of my invention is to provide new and improved suspenders which are simple in construction, durable, convenient in use, and adjust themselves automatically according to the various positions of the body.

The invention consists of a pair of suspenders formed of the shoulder-straps passing through and crossing each other in a slide made of two diamond-shaped pieces of material united at the angles, which slide moves up and down and adjusts itself according to the position of the body.

In the accompanying drawings, Figure 1 is a perspective view of my improved suspenders. Fig. 2 is a front elevation, and Fig. 3 a cross-sectional elevation, of the slide.

The shoulder-straps A A are provided with button-holes and buckle-straps at the ends, in the ordinary manner, and are passed through and cross each other in the slide B, formed of two diamond-shaped or rhomboidal pieces, C C, of leather, oil-cloth, rubber cloth, or any other suitable material, united at the four angles by means of solid or tubular rivets D, by sewing or in any other suitable manner, so as to leave four distinct longitudinal apertures to

pass the straps A through in the edge of the slide.

With the suspenders made as has been customary heretofore there is always a very great strain on the rear buttons of the pants when a person stoops or bends. This is not the case with my improved suspenders, for the slide B will slide up the back if the wearer stoops, and the ends of the straps A will pass down the sides more than down the back, and consequently will not be shortened as much as they are in the suspenders in use at present. Furthermore, with my improved suspenders the rear buttons may be set a greater or less distance from the side seam. Other suspenders hold in and check, while mine gives all the freedom of movement that may be desired.

The rear buttons are to be attached near the side seam, so as to have as little strain as possible on the back of the wearer.

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

A pair of suspenders in which the shoulder-straps A A are held across each other by two diamond-shaped pieces of leather, C C, connected at the vertices of the angles, as shown and described.

MICHAEL GEORGE GUNNING.

Witnesses:

JOSEPH T. CLARKSON,  
HERMAN LIVINGSTON.