

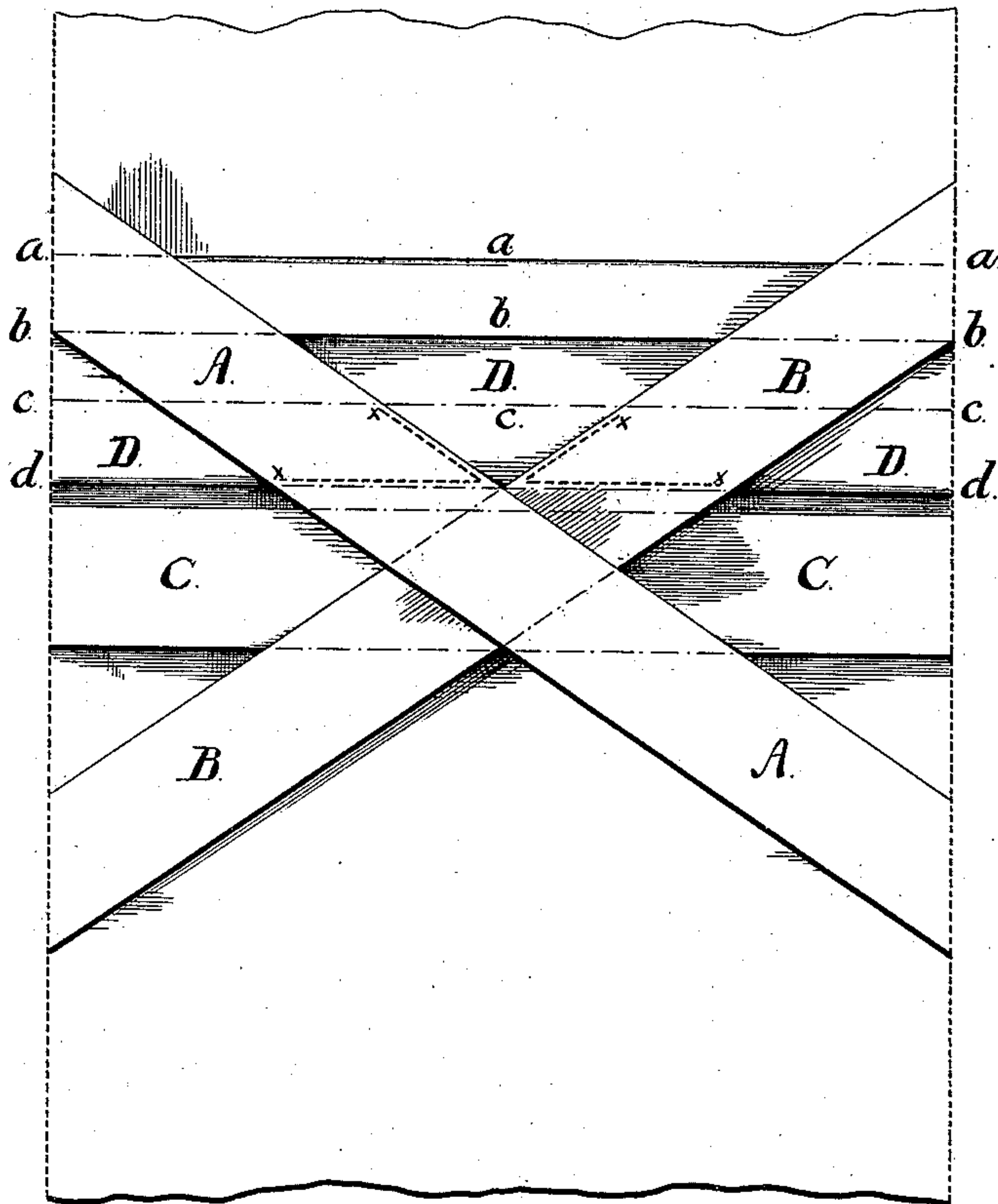
(No Model.)

H. T. CAULLET.

PANTALOONS.

No. 382,030.

Patented May 1, 1888.



WITNESSES.

*S. D. Oliphant Jr.*  
*F. M. Michtel*

*Henry T. Caullet*

INVENTOR.

By *J. S. Southrop* Attorney

# UNITED STATES PATENT OFFICE.

HENRY T. CAULLET, OF TRENTON, NEW JERSEY.

## PANTALOONS.

SPECIFICATION forming part of Letters Patent No. 382,030, dated May 1, 1888.

Application filed September 26, 1887. Serial No. 250,670. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY T. CAULLET, a citizen of the United States, residing at Trenton, in the county of Mercer and State of New Jersey, have invented certain new and useful Improvements in Knee-Protected Pantaloons; and I do hereby declare the following to be such a full, clear, and exact description of my invention as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain new and useful improvements in knee-protectors for pantaloons of the kind for which United States Letters Patent No. 365,296 were granted to me under date of June 21, 1887. The device shown in said Letters Patent is a knee-protector made of a combination of bands of light, strong, flexible, and inelastic woven fabric so arranged as to relieve the cloth of the garment from the strain produced by the knee when the leg is bent by drawing upon the side seams of the leg only.

My present improvement relates to means for preventing the catching of the foot in these knee-protectors when the pantaloons are being drawn upon the leg.

The knee-protectors shown in my said Patent No. 365,296 being attached to the pantaloons-leg at the side seams thereof only, some care was required in introducing the foot into the garment to prevent its catching between the bands and the cloth of the garment and straining or tearing the bands from the side seams, and at the same time it was undesirable to stitch the drawing-bands across the cloth of the garment, as such stitches would draw on the cloth and destroy its set.

By my present improvement I avoid the difficulties spoken of, and I accomplish this result by the device shown in the drawing, forming a part of this specification, which shows a plan view of one of my improved knee-protectors.

In the drawing, A A B B C C are bands of light inelastic woven fabric crossing each other at angles and stitched at their ends into the side seams of the leg of the garment. D D D is another band of similar material running across the inside of the leg of the garment, and is stitched at its ends into the side seams of the leg and to the bands A A and B B on the converging dotted lines *x x x x*. It is also stitched or otherwise fastened lightly to the

cloth of the garment along its upper edge, *a a*. The lower edge of the band D D D is shown by the line *d d*. The lines *b b* and *c c* show two folds made lengthwise in the band D D, the inner fold being shown by the dotted line *c c* and the outer fold by the line *b b*. These folds are not stitched or secured in any way except at their ends in the side seams of the leg, and constitute a sort of bellows-like arrangement.

If in donning the garment the foot should pass close enough to the garment to catch in the knee protector, it will pass the upper edge, *a a a*, of the band D D D, because that is stitched fast to the cloth of the garment, and it will encounter the loose bellows-like fold *b b b*. This fold *b b b* will open, and will form a sort of shield for the loose edges of the bands A A and B B, and will allow the foot to pass them without catching therein.

The folded band D D D can be used to advantage with either of the forms of knee-protectors shown and described in my said Patent No. 365,296; but that it may be the more readily understood from the drawing, I have shown it herein with the simpler form of such knee-protectors only.

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

1. A pair of pantaloons provided with a knee-protector consisting of bands of inelastic woven fabric crossing each other at angles and stitched at their ends to the side seams of the leg of the garment, and having at the upper side thereof a cross-band attached to the cloth of the garment at its upper edge and containing a loose horizontal fold opening upwardly, substantially as shown and described.

2. A pair of pantaloons provided with a knee-protector made of inelastic bands of woven fabric crossing each other at angles and fastened to the garment at the side seams of the leg, and having an upper horizontal band containing a loose fold running lengthwise of the band, substantially as shown and described.

In testimony whereof I have hereto affixed my signature in the presence of two witnesses.

HENRY T. CAULLET.

Witnesses:

SAMUEL D. OLIPHANT, Jr.,  
LAMBERT L. HOWELL.