

(No Model.)

I. R. CURTIS,
ATTACHMENT FOR PANTS.

No. 289,894.

Patented Dec. 11, 1883.

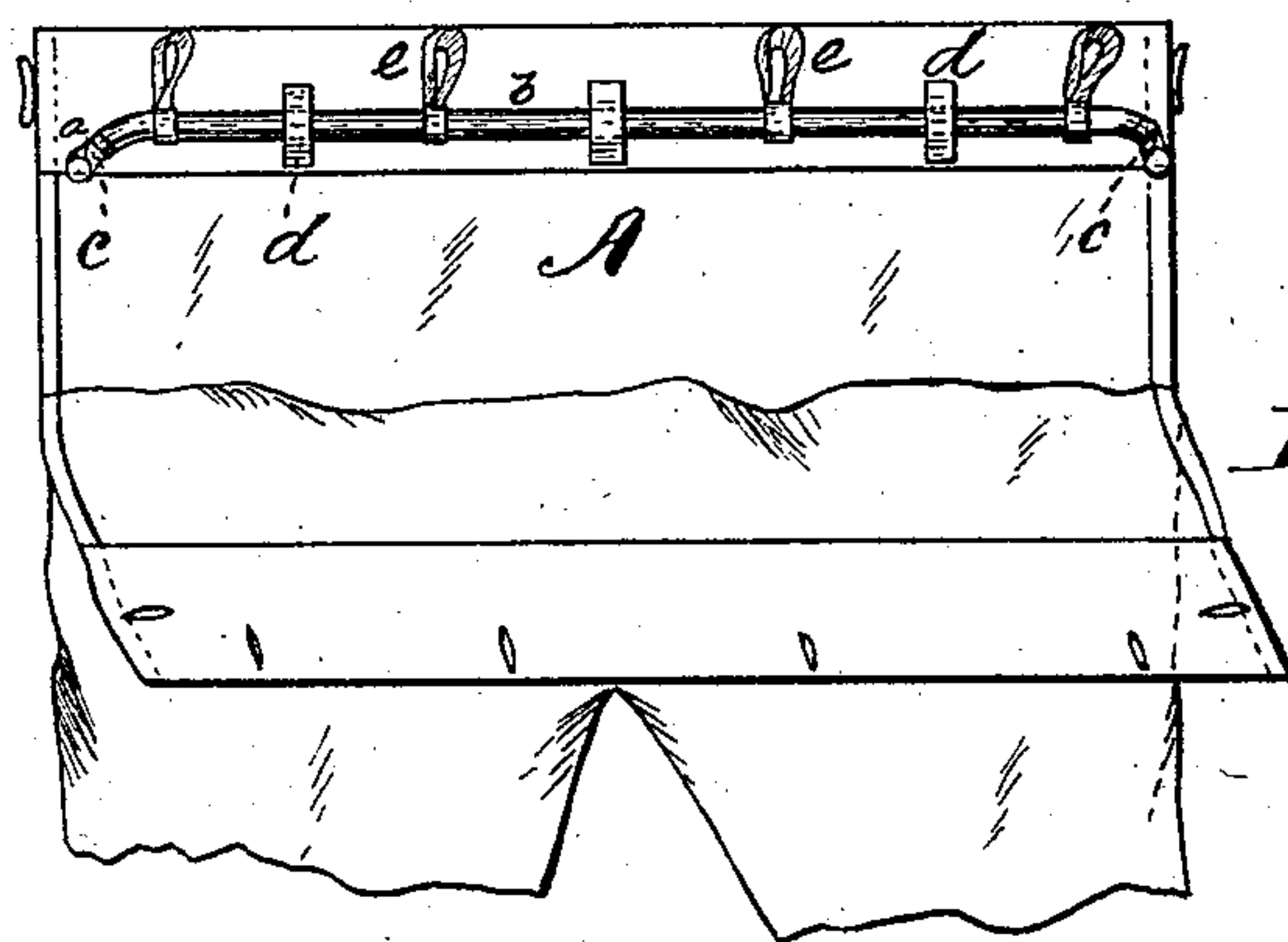


Fig. 1.

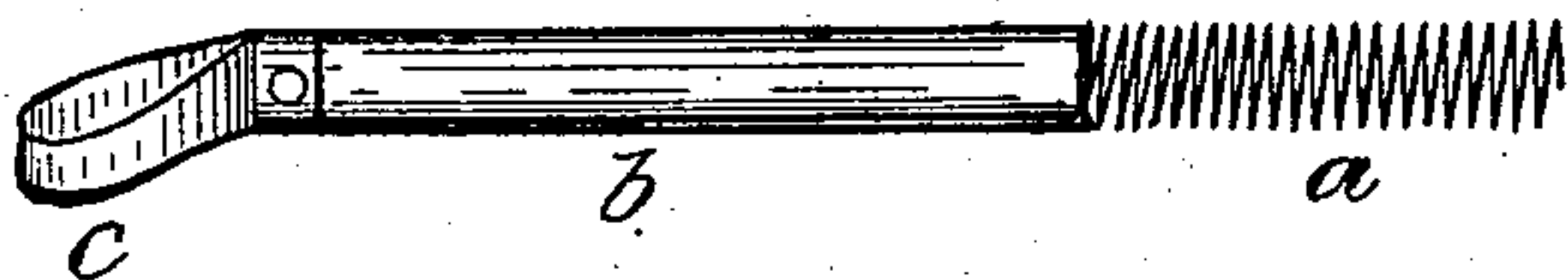


Fig. 2.

Attest:
T. W. Campbell.
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Inventor:
Isaac R. Curtis, by
Drake & Co. Attys.

UNITED STATES PATENT OFFICE.

ISAAC R. CURTIS, OF NEWARK, NEW JERSEY.

ATTACHMENT FOR PANTS.

SPECIFICATION forming part of Letters Patent No. 289,894, dated December 11, 1883.

Application filed June 15, 1883. (No model.)

To all whom it may concern:

Be it known that I, ISAAC R. CURTIS, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Elastics for Pants, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of this invention is to prevent the trouble and inconvenience occasioned by the separation of buttons from children's pants, caused by excessive strain thereon when stooping, &c., and to allow a certain amount of elasticity to the garments under said action.

The invention consists in the arrangement and combination of parts, substantially as will be hereinafter set forth, and finally embodied in the claims.

Referring to the accompanying drawings, in which similar letters of reference indicate like parts in each of the several figures, Figure 1 represents the waist portion of a pair of children's pants to which my improvements have been attached; and Fig. 2 is a detail view, illustrating a portion of an adjustable strap.

In carrying out my invention, I form a strap, *b*, having loops *c* and *e* arranged thereon, the former of said loops being at the ends of said strap, and adapted to be buttoned or secured near the side slits usually found in children's pants, where the front waist portion of said pants engages with the back waist portion. The loops *e* are adapted to receive the buttons

of the waist, whereby said waist is secured to the pants. Said loops are arranged at appropriate distances apart, whereby the weight of the pants is evenly distributed upon the waist. Between the loops *e* the strap is secured to the pants by means of stays *d*, adapted to allow the said strap to slide laterally therethrough. When unusual strain is brought to bear on the loops *e*, the elasticity of the strap allows a certain amount of "give," so that the buttons to which said loops are secured will be relieved of said strain, and will not be pulled from the waist. The strap is made flexible and elastic by weaving over a spiral spring, *a*, a fibrous covering, as shown in Fig. 2.

The strap having the loops *c* *e* may be applied to other garments than children's pants. Having thus described my invention, what I claim is—

1. The combination, with the garment *A*, of a flexible strap, *b*, having the loops *c* and the stays *d*, all said parts being arranged and operating substantially as and for the purposes set forth and shown.

2. The strap *b*, composed of a spring, *a*, covered with a fibrous covering, and provided with loops *e* and end loops, *c*, substantially as set forth.

3. In combination, the flexible strap *b*, provided with loops *e* and end loops, *c*, as a new article of manufacture.

In testimony that I claim the foregoing I have hereunto set my hand this 29th day of May, 1883.

ISAAC R. CURTIS.

Witnesses:

F. F. CAMPBELL,
CHARLES H. PELL.