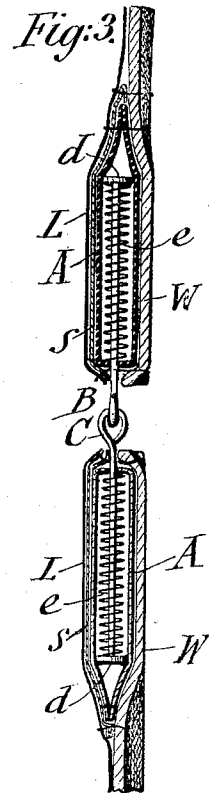
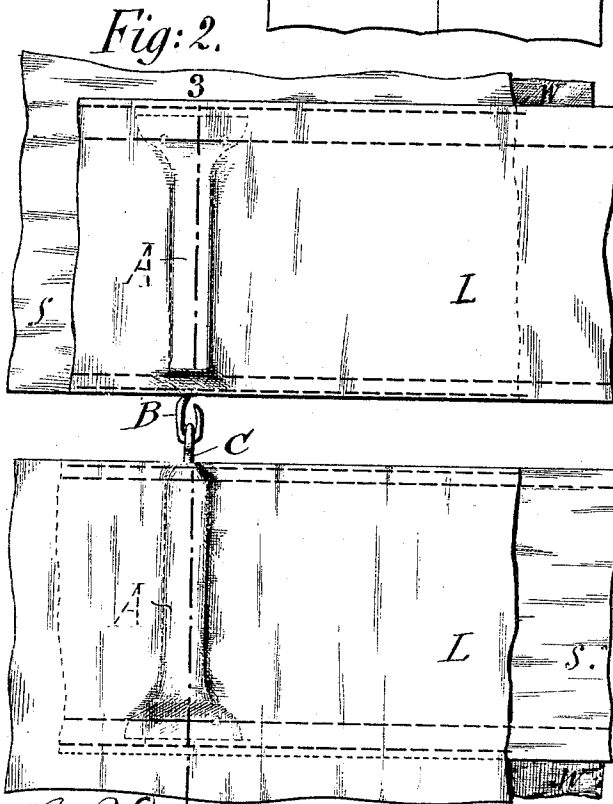
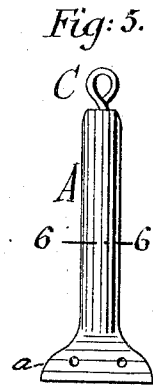
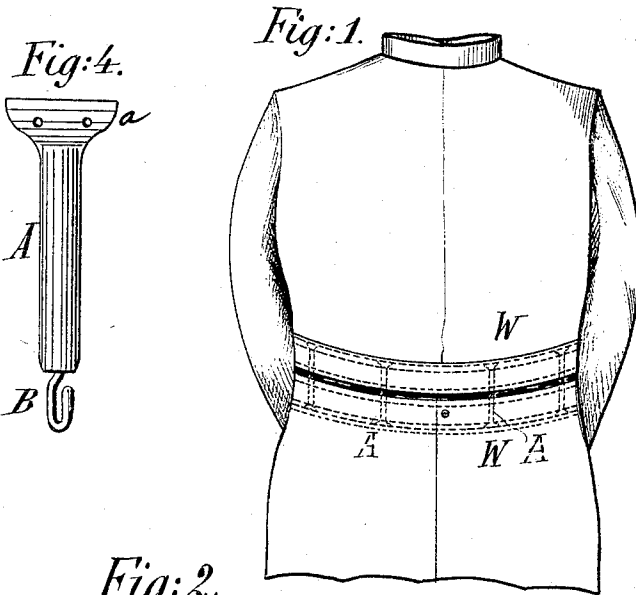


(No Model.)

J. DAVIS.
SPRING HOLDER FOR GARMENTS.

No. 584,263.

Patented June 8, 1897.



WITNESSES
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UNITED STATES PATENT OFFICE.

JACOB DAVIS, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO HENRY FELBERBAUM, OF SAME PLACE.

SPRING-HOLDER FOR GARMENTS.

SPECIFICATION forming part of Letters Patent No. 584,263, dated June 8, 1897.

Application filed July 1, 1896. Serial No. 597,672. (No model.)

To all whom it may concern:

Be it known that I, JACOB DAVIS, a citizen of the United States, residing in the city, county, and State of New York, have invented certain new and useful Improvements in Spring-Holders for Garments, of which the following is a specification.

This invention has reference to an improved spring-holder for garments, such as boys' waists and trousers, and which is made of a sheet-metal casing and a spring-retracted hook or eye in said casing, the spring-holder being intended as a substitute for the so-called "attachable" waistbands of children's clothing and furnishing a more durable and cheaper article for those garments than the rubber extension-bands heretofore used for this purpose, as it saves the extra expense and labor of making buttons and buttonholes.

The invention consists of a spring-holder for garments, which comprises a metallic casing provided with means for attachment to the garment and a spring-retracted shank formed in the shape of a hook or eye at the outer end and provided with a disk at the inner end, between which and the end of the casing a helical spring is interposed. Two spring-holders, one provided with an eye and the other with a hook, are used in connection with each other, one being applied to the waistband of the trousers, while the other is applied to the waistband of the waist, as will be fully described hereinafter and finally pointed out in the claim.

In the accompanying drawings, Figure 1 represents a front elevation of a boy's waist and trousers connected at the waist by my improved spring-holders. Fig. 2 is a view of a portion of said garment, showing the spring-holder on a larger scale. Fig. 3 is a vertical transverse section on line 3 3, Fig. 2, showing a spring-holder in longitudinal section. Figs. 4 and 5 are detailed side views, respectively, of the spring-holders with the hook end and with the eye end; and Fig. 6 is a horizontal section, drawn on a larger scale, on line 6 6, Fig. 5.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents the casing or shell of my improved spring-holder,

which casing is made of suitable sheet metal and provided with a flattened enlargement *a*, which enlargement is provided with holes for attaching the casing or shell to the waistband of the garment. In place of the perforated enlargement a sheet-metal prong or any other suitable device, such as a safety-pin, may be used, by which the casing of the spring-holder is attached to the garment, as is evident with- out additional illustration. The outer end of the shell A is drawn inwardly, so as to form an intumed annular flange for guiding the shank of the spring-retracted hook B or eye C, which shank is provided at its inner end, at the interior of the shell or casing A, with a disk-shaped head *d*, between which and the flange of the shell or casing A is interposed a helical spring *e*, by which the hook or eye of the spring-holder is cushioned and re- tracted.

It will be observed that the disk-shaped head *d* corresponds in diameter with the caliber of the tubular casing or shell, so that during the movements of the spring-retracted hook the same is positively guided, thus preventing a binding or looseness of the parts.

A number of spring-holders with hook-shaped ends are preferably applied to the usual band of the waist or jacket, while a corresponding number of spring-holders provided with eyes at the outer ends of their shanks are attached to the usual waistband of the trousers, the spring-holders being then covered with the usual canvas stiffening S in the waistband W and the lining L, so that the body of the spring-holders is out of sight, while only the hooks and eyes project, respectively, below or above the waistbands.

When suspending trousers from the waistbands, the hooks are passed through the eyes, so that an extensible connection between the two garments is formed, which "gives" to the motion of the body when sitting or bending and which permits a more comfortable wear of the garments in the same manner as with the elastic waistbands heretofore used for boys' garments.

My improved spring-holder has the advantage that instead of wearing out quickly, as with the rubber elastics used in the waistbands heretofore, it retains, especially when

good steel is used for the springs, its elasticity for a considerable length of time, so that the spring-holders will readily outwear the garments. It has the further advantage that
5 the degree of extensibility is greater than is usually the case with elastic waistbands, especially when the spring-holders, one on each garment, are employed. In some cases one set of the spring-holders applied to the band
10 of the waist or blouse is sufficient, in which case a wire hook is applied to the waistband of the trousers or other garment suspended from the waist or blouse.

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

A spring-holder for garments, consisting of a tubular sheet-metal casing or shell provided with suitable means for attachment to the garment, and a spring-cushioned shank passing through one end of the casing and provided at the inner end with a head guided along and in contact with the inner wall of the casing, said shank having a hook or eye at its outer end, substantially as set forth. 20 25

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

JACOB DAVIS.

Witnesses:

GEO. L. WHEELLOCK,
GEO. W. JAEKEL.