

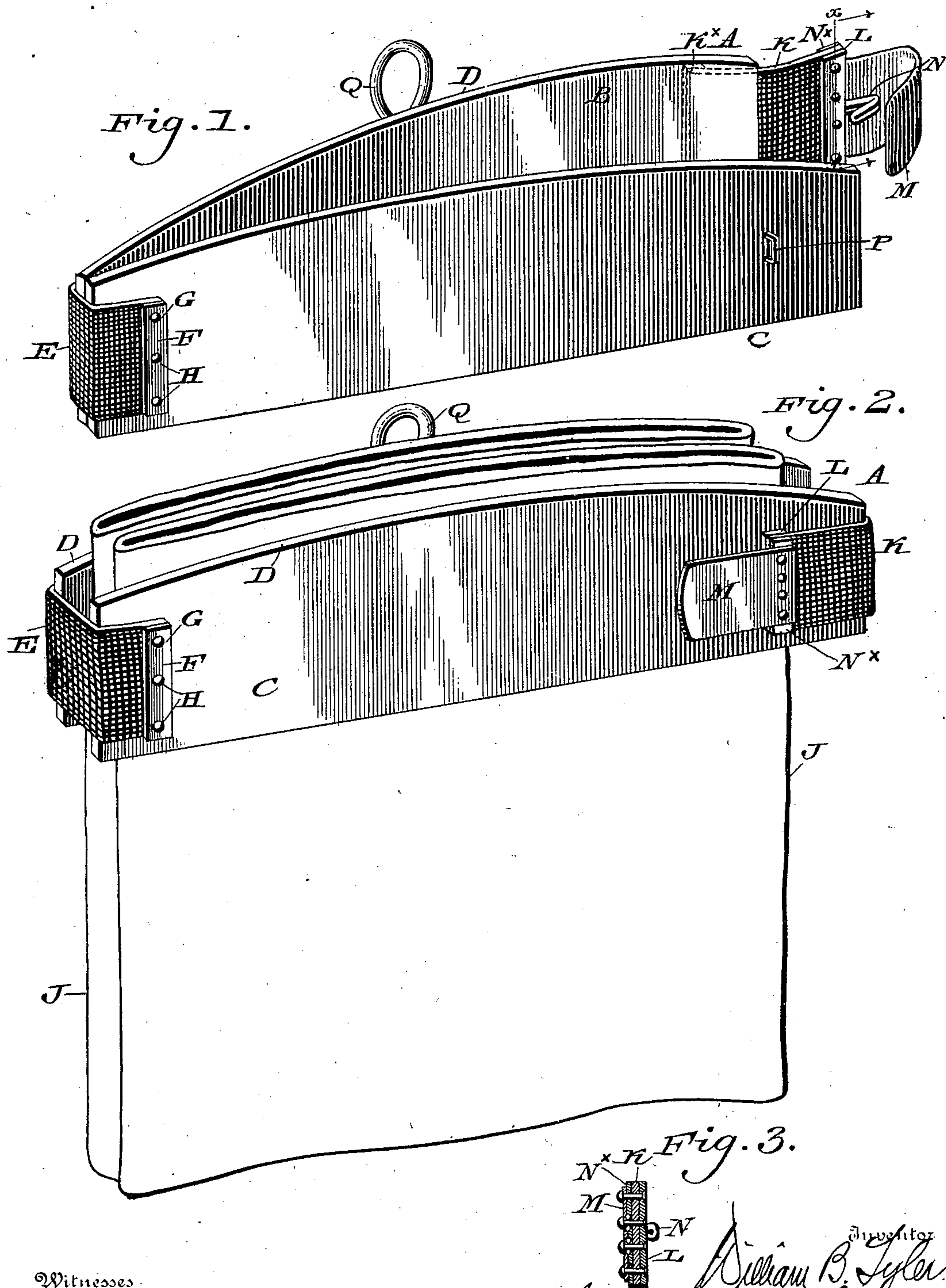
No. 646,771.

Patented Apr. 3, 1900.

W. B. TYLER.
ELASTIC TROUSERS HANGER.

(Application filed Apr. 25, 1899.)

(No Model.)



Witnesses

P. J. Hagle
L. H. Duville

Inventor
William B. Tyler
by Wiedersheim & Fairbanks
Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM B. TYLER, OF CAMDEN, NEW JERSEY.

ELASTIC TROUSERS-HANGER.

SPECIFICATION forming part of Letters Patent No. 646,771, dated April 3, 1900.

Application filed April 25, 1899. Serial No. 714,351. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. TYLER, a citizen of the United States, residing in the city and county of Camden, State of New Jersey, have invented a new and useful Improvement in Elastic Trousers-Hangers, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of a trousers-guard formed of a pair of plates, a resilient hinge at one end thereof, a resilient connection at the other end, and a fastening device for the latter-named end, said hinge and connection being formed of pieces of elastic webbing of length in excess of the distance between the plates and attached exterior to the latter at places removed from the ends thereof.

Figure 1 represents a perspective view of a trousers-hanger embodying my invention, showing the same in open position. Fig. 2 represents a perspective view of the trousers-hanger closed, showing also a pair of trousers in position therein. Fig. 3 represents a section on line *xx*, Fig. 1.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a trousers-hanger, the same consisting of the flat sections B and C, each of which is provided with the upper edge D, preferably curved.

E designates a hinge formed by an elastic strip, preferably of rubber webbing, such as used in suspenders and similar material, said strip being secured to the sections B and C at or about the points F by means of the battens G, through which the fastening devices H pass, it thus being seen that a greater extent of material in the hinge is provided, so as to allow said sections to separate to the desired extent at their hinged portions when the lower ends of the trousers J are placed in position.

K designates a piece of elastic webbing which is secured to the member B at a short distance from the end thereof, as at K^x.

M designates a tab, and N designates a hook, which parts are attached to the end of the webbing K by means of the battens N^x L, said hook being covered by said tab and owing to the battens L being set in from the webbing K, so as to be most conveniently attached to the eye P. On the member C is

the staple or eye P, which is so disposed that it may be engaged by the hook N for holding together the adjacent ends of the members B and C, subject to the yielding nature of the webbing K, which is stretched from the member B over and around the end of the member C. The tab M acts as a finger-piece for attaching and releasing the hook N to and from the eye P and concealing said parts. The batten L enables the hook N to readily engage said staple and to permit the adjacent ends of the sections B and C to readily separate to the desired extent, as indicated in Fig. 2, after the trousers have been inserted in position, the tab M serving to conceal the hook and staple or locking device, as is evident.

When it is desired to place the trousers in position, the sections of the hanger are opened, as seen in Fig. 1, and the trousers placed therein, the hook N being interlocked with the staple P, whereupon the parts will assume the position seen in Fig. 2, the trousers being securely held in position by their frictional contact and by the elasticity of the hinge E and the oppositely-located piece of webbing K, the hanger being readily supported by means of the hook Q. The inner surfaces of the sections B and C can be faced with cloth or similar material, if desired.

It will thus be seen that I provide a simple and effective trousers-hanger which can be cheaply manufactured and which by reason of the flexible or elastic hinge and the manner of securing the same to the sections constituting the hanger permit the necessary adjustment of said sections, whereby one or more pairs of trousers can be held in position at one time.

I am aware that it has been proposed to construct trousers-hangers of two flat members with elastic connections for the ends thereof; but in prior devices, as far as I am informed, adjacent ends of said members have been connected also by a hinge that extends across the space between the members at such end of the device. In my invention, however, the entire space from end to end between the members or sections of the hanger is unobstructed and the inner faces thereof are straight and flat, so that the ends of the trousers can occupy any or all portions

thereof, which is not possible with the prior device referred to, in which the leaves of the hinge extend across the end portion thereof. Furthermore, in my invention I obviate the use of both a hinge and an elastic device at one end of the device, thereby simplifying the construction and reducing the cost thereof. In the said prior trousers-hanger referred to the elastic connection between its ends does not serve as the hinge between the members thereof, but merely as means for holding the members together under tension, and it is necessary to provide additional means for the hinge-joint between said ends of the members. My invention obviates the employment of two separate connecting means and combines the same in one contrivance, that consists simply of an elastic strip. This strip is elastic throughout and its ends are secured to the outer faces of the members a little distance away from the ends thereof, thereby dividing the same into three elastic limbs, one across the ends of the members and one across the end portion of the outer side of each member. I thus provide an extended elastic connection which not only allows the members to separate to the desired

extent, but which holds them with a firm and even pressure upon the trousers. The said strip is also wide enough to hold the members in their correct relative position, of which the elastic connection in said prior device referred to is incapable, as such result is secured by said additional hinge referred to.

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

In a trousers-guard, a pair of plates, a piece of elastic webbing connecting one end of the same as a resilient hinge, and a piece of elastic webbing attached to one member of said plates at the other end thereof and provided with means for fastening the same with a device on the opposite member as a detachable resilient connection, said elastic pieces being of length in excess of the distance between the plates and attached exterior to the latter at places removed from the ends thereof.

WILLIAM B. TYLER.

Witnesses:

R. C. AITKEN,
WM. C. JONES.