

H. L. HILLEGEIST.
TROUSERS HOOK AND BELT SUPPORTER.
APPLICATION FILED NOV. 16, 1912.

1,062,334.

Patented May 20, 1913.

Fig. 1.

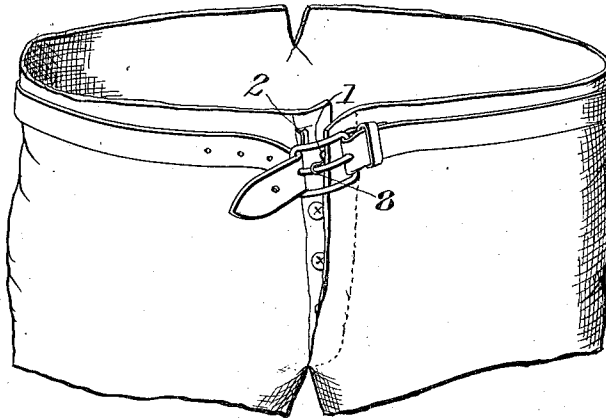


Fig. 2.

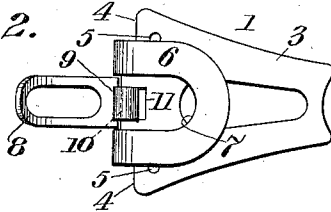


Fig. 3.

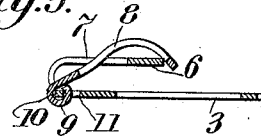


Fig. 4.

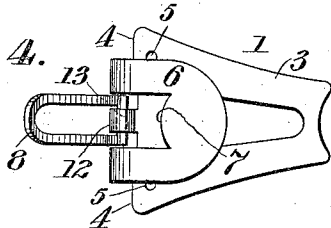


Fig. 5.

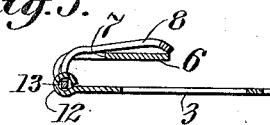


Fig. 6.

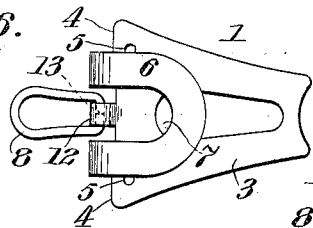


Fig. 7.

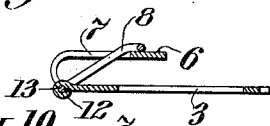


Fig. 10.



Fig. 8.

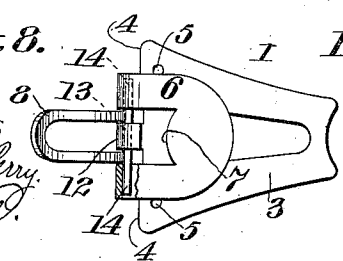
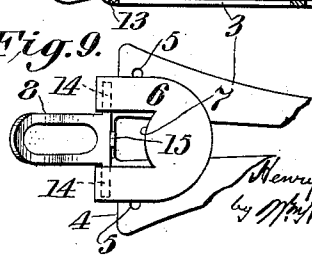


Fig. 9.



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UNITED STATES PATENT OFFICE.

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TROUSERS-HOOK AND BELT-SUPPORTER.

1,062,334.

Specification of Letters Patent.

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Application filed November 16, 1912. Serial No. 731,728.

To all whom it may concern:

Be it known that I, HENRY L. HILLEGEIST, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented a certain new and useful Improvement in Trousers-Hooks and Belt-Supporters, of which the following is a full, clear, and exact description.

The object of this invention is to provide a combined trousers hook and belt supporting device whereby the meeting ends of waist-bands on trousers may be connected and the belt held in proper position on the wearer. Many such devices have been devised, some of which have the belt-engaging medium rigid and to that extent an obstruction when a belt is not used, and others have the belt-engaging device movable so as to get it out of the way when not in use but at such time being functionless.

My invention relates to that type of such combined devices in which the belt-engaging device assists the hook in firmly engaging its bar or clasp when a belt is not used.

The invention consists of a trousers hook having a supplemental bill pivoted to it and adapted to be extended to engage the tongue of a belt buckle so as to support the belt and hold it in proper relation to the garment, and capable of being folded back upon the main bill when a belt is not used, and to be engaged with the bar or staple which forms the complementary part of the trousers fastener and assist in retaining these parts in engagement.

In the accompanying drawings illustrating the invention in the several figures of which like parts are similarly designated, Figure 1 is a perspective view illustrating the invention applied to a pair of trousers, the trousers fastener being disengaged. In the following views the plan views show the supplemental bills extended for use with a buckle, while the sectional views show these bills folded back on the hook when not used on a buckle, excepting in Fig. 10, where it is extended for engaging the buckle. Fig. 2 is a plan view and Fig. 3 is a longitudinal section of one form. Fig. 4 is a plan view, and Fig. 5 is a longitudinal section illustrating another form. Fig. 6 is a plan view, and Fig. 7 is a longitudinal section showing another modification. Fig. 8 is a plan view, with part of

the bill of the hook broken away, showing a further modification. Fig. 9 is a plan view with part of the base plate broken off, and Fig. 10 is a longitudinal section showing another construction.

The type of fastener to which my invention relates comprises a hook 1, to be fastened in between the plies of a trousers waistband at the vertical edge, and a bar, or staple 2, fastened in the waistband on the opposite side of the front opening or fly of the trousers and to be engaged by the bill of the hook in order to fasten the trousers about the wearer.

The hook comprises a base plate 3, having the angular offsets 4 provided with holes 5 to receive the attaching medium, such as sewing thread, and an overlying reverted bill 6, which may have its central portion cut out to leave the opening 7. So far the hook is of well-known construction.

My invention consists of a supplemental bill or belt buckle-engaging device 8 pivotally secured to the hook, and the modifications herein shown relate to the form of this supplemental bill and its mode of pivoting to the hook.

As shown in Figs. 1, 2 and 3, the supplemental bill 8 is cut from sheet metal and it is provided at its inner end next to the hook with an extension which is bent to form a hinge knuckle 9. The pintle 10 engaged by this knuckle is formed in the base plate of the hook by cutting a hole 11 in the base plate just back of its outer edge beneath its bill and in line with the opening 7 in the bill. The extension on the supplemental bill is passed through this hole and then bent over the pintle to unite the two in such manner that the supplemental bill may be extended or turned out forwardly of the hook as in Figs. 1 and 2 to engage the tongue of a belt buckle, or, when a belt is not used, this supplemental bill may be turned back upon the bill of the hook, as in Fig. 3, so as to engage the bar, or staple 2. The supplemental bill may be given any of the contours shown in Figs. 3, 5 and 7, so as to perform its stated functions; and it will be noticed that in all of them there is more or less projection of this bill above (having reference to these views) the bill of the hook, which tends to increase the relative thickness of the hook's bill and so crowd the

space beneath the bar 2 and thus increase the effective hold of the hook on the bar and prevent its disengagement therefrom. The hook's bill thus supports the supplemental bill when not engaged with a buckle and removes it from view.

In the modification shown in Figs. 4 and 5 the knuckle 12 is made on the base plate of the hook, and the pintle 13 is made on the supplemental bill. This construction is repeated in the modification shown in Figs. 6 and 7, excepting that the supplemental bill 8 is made of wire instead of sheet metal.

In the modification shown in Fig. 8 the construction is varied by providing the supplemental bill with the laterally extended trunnions 14, which engage the bends in the hook's bill and serve to distribute the strains on the hinge-joint.

In the modification shown in Figs. 9 and 10, the construction shown in Fig. 8 is varied by omitting the knuckle and extending the piece 15 upward, so as to form a stop for the supplemental bill. By this construction the strains are thrown entirely on the hook's bill.

Other variations are within the principle of the invention, and those shown and described are given as illustrations, the construction preferred at this time being that shown in Figs. 1, 2 and 3.

The hinging of the buckle-engaging device to the hook makes it possible to use a very small and inconspicuous device, efficient for its purpose in use with a buckle, and not only capable of being turned out of sight and out of the way when not so used, but serving a useful purpose at such time. Being a fixture on the hook it is set along with the hook on the garment, and is not likely to be lost. Experiments show that it will support the belt so efficiently as to avoid the necessity of using loops on the trousers, and I have so shown its application in Fig. 1.

What I claim is:—

1. A combined trousers hook and belt supporter, comprising a trousers hook and a supplemental bill pivoted to the trousers

hook and adapted to be extended forwardly of the hook to engage the tongue of a belt buckle so as to support the belt and hold it in proper relation to the garment, and capable of being folded back upon the main bill of the trousers hook when the belt is not used, and then engaged along with the hook in the complementary part to be engaged by the trousers hook to fasten the garment.

2. A combined trousers hook and belt supporter, comprising a base plate having a reverted bill with a central opening, and a supplemental bill pivoted to the base plate in line with the central opening of the bill of the hook and adapted to be turned out in front of the hook to engage the belt buckle and to be turned over upon the bill of the hook when not used with a belt buckle.

3. A combined trousers hook and belt supporter, comprising a trousers hook having a base plate and a reverted bill made with a central opening, and a supplemental bill hinged to the base plate in line with the opening in the bill of the hook, the pintle of the hinge being on one member and the knuckle of the hinge being on the other member, and the supplemental bill adapted to be folded back upon the bill of the hook and with said hook engaged with the complementary member of the trousers fastener.

4. A combined trousers hook and belt supporter, comprising a trousers hook proper having a base plate and a reverted bill made with a central opening, the base plate provided with a pintle arranged in line with the opening in the bill, and a supplemental bill provided with a knuckle engaged with the pintle, and said supplemental bill thereby adapted to be turned out forward of the hook and also turned back over the bill of the hook as desired.

In testimony whereof I have hereunto set my hand this 13th day of November A. D. 1912.

HENRY L. HILLEGEIST.

Witnesses:

NELLIE DOYLE,

HERMAN KERNGOOD.