

No. 746,392.

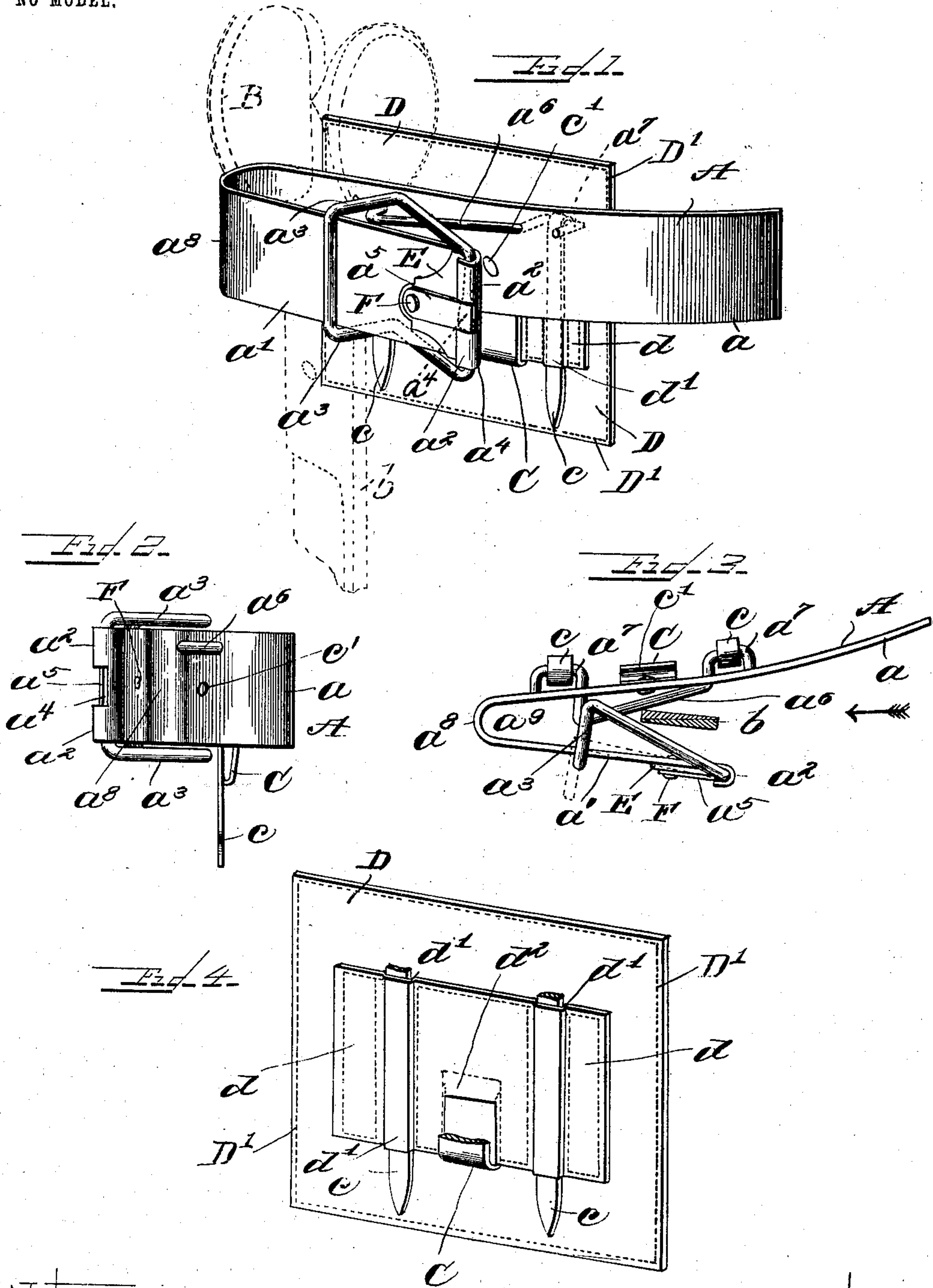
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HOLDER FOR SHEARS.

APPLICATION FILED AUG. 1, 1902.

NO MODEL.



Witnesses.

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UNITED STATES PATENT OFFICE.

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HOLDER FOR SHEARS.

SPECIFICATION forming part of Letters Patent No. 746,392, dated December 8, 1903.

Application filed August 1, 1902. Serial No. 118,015. (No model.)

To all whom it may concern:

Be it known that I, SIMON H. SHANK, a citizen of the United States, residing in the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Holders for Shears, of which the following is a specification.

My invention relates to holders for tools of craft—as, for example, paper hangers' and cutters' shears, painters' brushes, &c.—and it further relates to means whereby the holder may be removably secured to the garment of the user.

Referring to the accompanying drawings, wherein like reference-letters indicate the same or corresponding parts, Figure 1 is an isometric perspective view of one form of my improved device. Fig. 2 is a view of the holder looking in the direction of the arrow, Fig. 3. Fig. 3 is a top view, and Fig. 4 is an isometric perspective view, of a portion of the parts shown in Fig. 1.

Heretofore pockets or straps, of whatsoever material, secured to garments or forming a part thereof have been employed to engage a brush or other article desired to be carried upon the person of the user. All of said means are defective for various reasons, chief among which is that particular care must be observed in thrusting the article into them, thus frequently rendering their use impracticable because of the loss of time occasioned by the exercise of such care.

The object of my device is to provide a holder which shall be free from the objectionable features in the now known devices and which will readily engage and retain an article of the kind referred to.

Again referring to the drawings, A indicates a strip or piece of metal bent into substantially a V form, one arm, a , of which is preferably longer than the other arm, a' , thereof and curved in such manner as to conform to the curvature of the leg or hip of the user, its other arm, a' , being bent at its outer extremity to form the hinge-knuckles a^2 ; a^3 , a stop, preferably of substantially the form shown in the drawings, hinged to the knuckles a^2 ; a^4 , a flattened portion (shown in dotted lines, Fig. 1) of the stop a^3 ; a^5 , a spring secured at one of its ends to the arm a' and bearing at its other end upon the flat-

tened portion a^4 of the stop a^3 ; a^6 , a rigid stop, preferably formed of wire and in the shape shown in the drawings, the ends of which pass through the arm a and are bent backward against said arm in such manner as to secure it thereto and to form the loop hinge-pins a^7 . It will be observed that normally the inner extremities of the stops a^3 and a^6 extend substantially transversely to the length of the member A and overlap somewhat, so as to positively prevent the withdrawal of the shears in a direction against the stop, unless, of course, one of the stops is released by hand. Moreover, the stops extend obliquely across the opening of the V-shaped member, and inasmuch as one of said stops is spring-controlled it will yield when the shears are moved toward the holding-space a^9 , but will automatically return to normal position to retain the shears as soon as the latter have reached said space a^9 .

I will now describe the operation of this form of my device, assuming that the article to be engaged by the holder is a pair of shears B (shown in dotted lines, Fig. 1) in proper engagement with the holder.

The blades b of the shears B being inserted between the outer extremities of the arms a and a' and thereafter moved toward the point of union a^8 of said arms they will come into contact with the spring-controlled cam-operating stop a^3 , which they will move outwardly and away from the rigid stop a^6 sufficiently to permit of their passing between said stops and entering the holding-space a^9 , lying between the inner extremities of the stops and the end a^8 of the member A. When the stop a^3 is moved as described, the flattened portion a^4 thereof forces the spring a^5 out of its normal position. The shear-blades having passed the stop a^3 , the spring controlling said stop will return it to its normal or closed position, as shown in Fig. 1, owing to the pressure it will exert upon the flattened portion a^4 . If, then, the fingers be released from engagement with the finger-grips, the shears will assume the position shown in Fig. 1. To remove the shears from the holder, it is but necessary to lift them therefrom; but if, however, the shear-blades be of such dimensions that they cannot be upwardly withdrawn from the holder unless the stop a^3 be forced out of its

normal position a degree equal to or greater than its movement when they were passed between the stops a^3 a^6 then the stop a^3 may be sufficiently outwardly moved by a finger to permit of the withdrawal of the shears from the holder. The arm a is of greater length than the arm a' in order to more readily guide the shears into their proper position in the holder.

Further referring to the drawings, C is a strip or piece of metal bent in the form of a hook and secured to the arm a of the holder. c c are pins hinged to the loops forming the hinge-pins a^7 , D a strip or piece of canvas or other suitable material adapted to be permanently sewed to the garment by means of the stitching D' , and d a strip of canvas or other suitable material sewed or otherwise properly secured to the strip D in such manner as to form the channels or pockets d' d^2 , respectively, adapted to engage or be engaged by the pins c and hook C in the manner shown in Figs. 1 and 4, thus securing the holder to the strip D.

The artisans who will employ my device wear, with scarcely an exception, overalls while performing their work. It would be impracticable to require overalls to be especially made or remade with a view to securing my device thereto by the securing means herein shown and described. Hence my invention comprehends the fastening-strips D d , secured to each other in the manner described to form the channels or pockets d' d^2 and constituting so combined an article of manufacture which may be sold with or separate from the holder.

It will be understood that the strips D and d consist of flexible fabric, and when the holder is to be fastened into position on said strips the long pins c' c' are first inserted into the pockets d' d' . Then, notwithstanding the temporary buckling or wrinkling effect upon the fabric, the lower edge of strips d and D are forced upward along said pins until the lower edge of strip d may be passed over the hook C and be engaged thereby.

A simple and convenient method of attaching the hook C to the holder is by means of a rivet c' . I also prefer that the knuckles a^2 be open at their inner extremities a distance equal to or slightly greater than the thickness of the wire forming the stop a^3 , which they engage, and to close said opening by means of the plate E, which may be secured to the arm a' by means of the rivet or machine-screw F, which also secures the spring a^5 to said arm.

It is obvious that the number, size, and form of the parts of my invention may be greatly varied without departing from the principle of the invention. For example, it is not essential that the member A approximate very closely the shape of a V, nor is it essential that the two arms a and a' of said member be constructed of a single piece of metal.

It will be understood that wherever the term "shears" appears herein it shall signify shears, brushes, or other tools of craft capable of being engaged by my novel holder and that the term "channel" shall signify a channel or pocket or equivalent engaging means.

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

1. In a holder for shears, the combination of a substantially V-shaped member and two cooperating stops, one located on each of the arms of said V-shaped member in juxtaposition to the other of said stops, at least one of said stops being spring-controlled and having an extremity extending substantially transversely to said V-shaped member when in normal position, thereby acting automatically and positively preventing the withdrawal of the shears in a direction against said stops.

2. In a holder for shears, the combination of a substantially V-shaped member, one of whose arms is of greater length than its other arm, and a spring-controlled stop intermediate the free extremities of said arms and their point of union, said stop when in normal position having a portion extending obliquely across the opening of the V-shaped member and a second portion extending transversely to said V-shaped member, said second portion thereby affording a positive stop for preventing the withdrawal of the shears in a direction against said stop.

3. In a holder for shears, the combination of a substantially V-shaped member and two cooperating stops, one located on each of the arms of said V-shaped member in juxtaposition to the other of said stops, one of said stops being spring-controlled to render it automatic and the other of said stops being rigid and having its ends projecting through one of the arms of said V-shaped member; and pins, as c , hinged to the said projecting ends of said rigid stop for facilitating attachment to a garment.

4. In a holder for shears, the combination of a substantially V-shaped member and two cooperating stops, one located on each of the arms of said V-shaped member in juxtaposition to the other of said stops, one of said stops being spring-controlled to render it automatic and the other of said stops being rigid and having its ends projecting through one of the arms of said V-shaped member; and pins, as c , hinged to the said projecting ends of said rigid stop for facilitating attachment to a garment; and a hook, as C, secured to said V-shaped member for cooperating with said pins in the manner described.

5. In a holder for shears, the combination of a substantially V-shaped member adapted to be attached in an approximately horizontal position to the clothing of the wearer, the arm adapted to lie adjacent to the body of the wearer being the longer, whereby it is adapted to act as a guide to facilitate the insertion of the shears; and two cooperating stops lo-

cated in juxtaposition, one on each arm of said V-shaped member for preventing the withdrawal of the shears except in a direction transverse to said V-shaped member.

- 5 6. In a holder for shears, the combination of a V-shaped member; two stops mounted in juxtaposition thereon and having their inner extremities normally overlapping, and other portions extending obliquely across the open-

ing of said V-shaped member; and a spring for yieldingly holding one of said stops in normal position to thereby retain the shears in position in the holder.

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