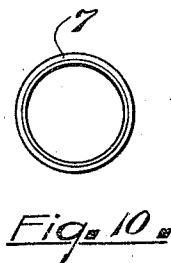
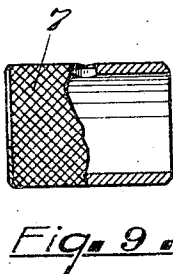
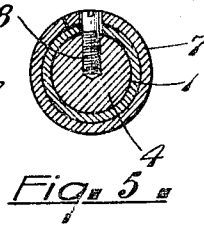
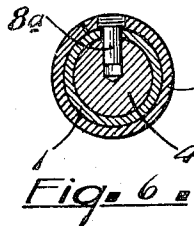
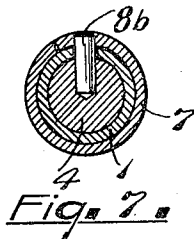
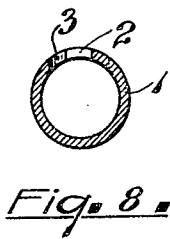
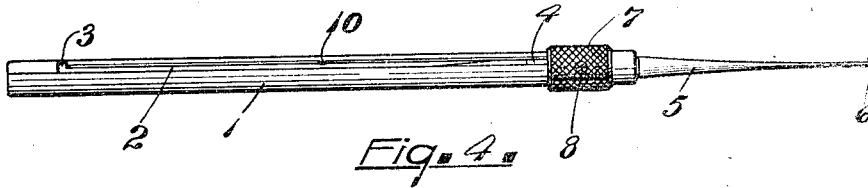
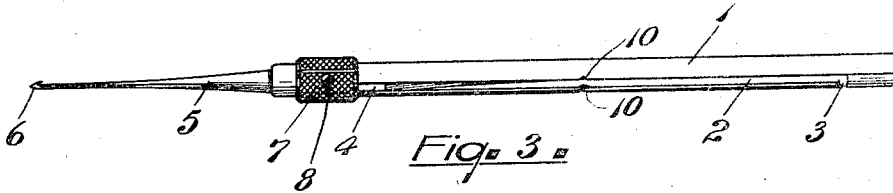
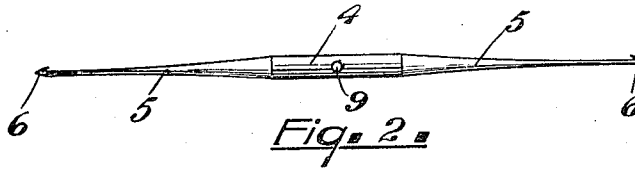
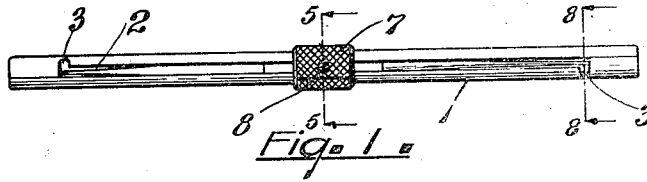


W. H. STANSBERY.  
DOUBLE ENDED CROCHET HOOK AND SHIELD.  
APPLICATION FILED FEB. 27, 1917.

1,269,014.

Patented June 11, 1918.



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# UNITED STATES PATENT OFFICE.

WARREN H. STANSBERRY, OF GRAND HAVEN, MICHIGAN.

## DOUBLE-ENDED CROCHET-HOOK AND SHIELD.

1,269,014.

Specification of Letters Patent.

Patented June 11, 1918.

Application filed February 27, 1917. Serial No. 151,198.

*To all whom it may concern:*

Be it known that I, WARREN H. STANSBERRY, a citizen of the United States of America, residing at Grand Haven, in the county of Ottawa and State of Michigan, have invented certain new and useful Improvements in Double-Ended Crochet-Hooks and Shields; 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.

This invention relates to crochet hooks and it is the primary object and purpose thereof to produce a double ended hook and a shield therefor which when the hooks are not in use covers and protects the same making an article which presents a pleasing appearance and one which can be readily carried without danger of the hook becoming entangled with anything else. A further object of the invention consists in a novel means for operating the hook member in either direction from its centrally inclosed position within the shield and for holding it in extended position beyond either end of the shield. A still further object of the invention consists in the provision of a novel operating device for moving the double ended hook member, said device passing over the shield and being of utility when the hook has been extended to either end of the shield for grasping by the fingers of the operator in the operation of crocheting. Various other objects and purposes than those specifically enumerated will appear as understanding of the construction is had as disclosed by the accompanying drawing in which:

Figure 1 is an elevation of the combined hook member and shield in collapsed condition.

Fig. 2 is an elevation of the double ended hook member.

Figs. 3 and 4 are elevations showing the hook member extended at opposite ends of the shield.

Figs. 5, 6 and 7 are transverse sections on the line 5—5 of Fig. 1, the different figures showing slightly modified constructions.

Fig. 8 is a section on the line 8—8 of Fig. 1.

Fig. 9 is a partial side and sectional view of the operating sleeve and,

Fig. 10 is an end view thereof.

Like reference characters refer to like

parts throughout the several views of the drawing.

The shield in which the double ended hook member is mounted is in the form of a cylindrical tube 1 open at both ends and having a longitudinal slot 2 therein in one side which extends nearly the full length of the tube but terminates at each end a short distance from the ends of the tube. This slot at its ends has substantially right angular short extensions 3.

Mounted within the shield is a member having a central cylindrical section 4 of a diameter slightly less than the inner diameter of the shield 1 from the ends of which tapering shanks 5 project each terminating in a hook 6 of the usual crochet type. The length of this double hook member is somewhat less than the length of the shield so that it may be entirely received therein.

A sleeve 7 preferably having a knurled outer surface is passed loosely around the tube 1 and a screw 8 passes through the sleeve and the slot 2, threading into the cylindrical section 4 in a hole 9 made therein as indicated in Fig. 2. If desired a modified form of connecting member 8<sup>a</sup> as shown in Fig. 6, may be used which has a head threading into the sleeve 7 while the part entering the section 4 is plain; while in Fig. 7 a still further modification shows a straight pin 8 passed through sleeve 7 slot 2 and into the part 4. This last construction is preferred for certain reasons and is the way that the device has been actually constructed. Midway between the ends of shield 1 at each side of the slot 2 the shield is bent making inwardly extending bends or projections 10 as shown in Figs. 3 and 4.

When the device is not in use the double ended hook member is entirely within the shield and the cylindrical section 4 thereof is frictionally engaged by said projections 10 whereby the hook member is held against any accidental movement with respect to the shield. By grasping sleeve 7 either end of the hook member may be projected beyond the shield as shown in Figs. 3 and 4, pin 8, or 8<sup>a</sup> or 8<sup>b</sup> moving through the slot 2 until it reaches one end thereof after which the combined sleeve pin and hook may be turned to seat the pin in the extension 3 of the slot, this holding the hook member in position with respect to the shield. Sleeve 7 having a roughened outer surface it is especially convenient for grasping by the

fingers in the operation of crocheting. The hooks 6 on opposite ends of the hook member may be of different sizes and, preferably, will be so formed.

5 I claim:—

1. In combination a tubular shield having open ends and a longitudinal slot in one side closed at both ends, a hook member mounted loosely within the shield and comprising a central cylindrical section having substantially the same diameter as the inner diameter of the shield and oppositely extending shanks, each terminating in a hook, projections pressed inwardly in the tube at substantially its middle point to frictionally engage the central cylindrical section of said hook member, a sleeve having a knurled outer surface located loosely around the shield and a pin passing through the sleeve and slot in the shield into the

hook member at substantially the middle point thereof.

2. In combination, a tubular sleeve having open ends and a longitudinal slot in a side thereof closed at both ends, a hook member mounted loosely within the shield comprising a bar having relatively large central cylindrical section, the diameter of which is slightly less than the inner diameter of the shield and terminating at each end in a crochet hook, means at substantially the middle point of the shield to frictionally engage the enlarged central section of said hook member, a sleeve located loosely around the shield, and a pin passing through the slot in the shield connecting the hook member and sleeve.

In testimony whereof I affix my signature.

WARREN H. STANSBERRY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."