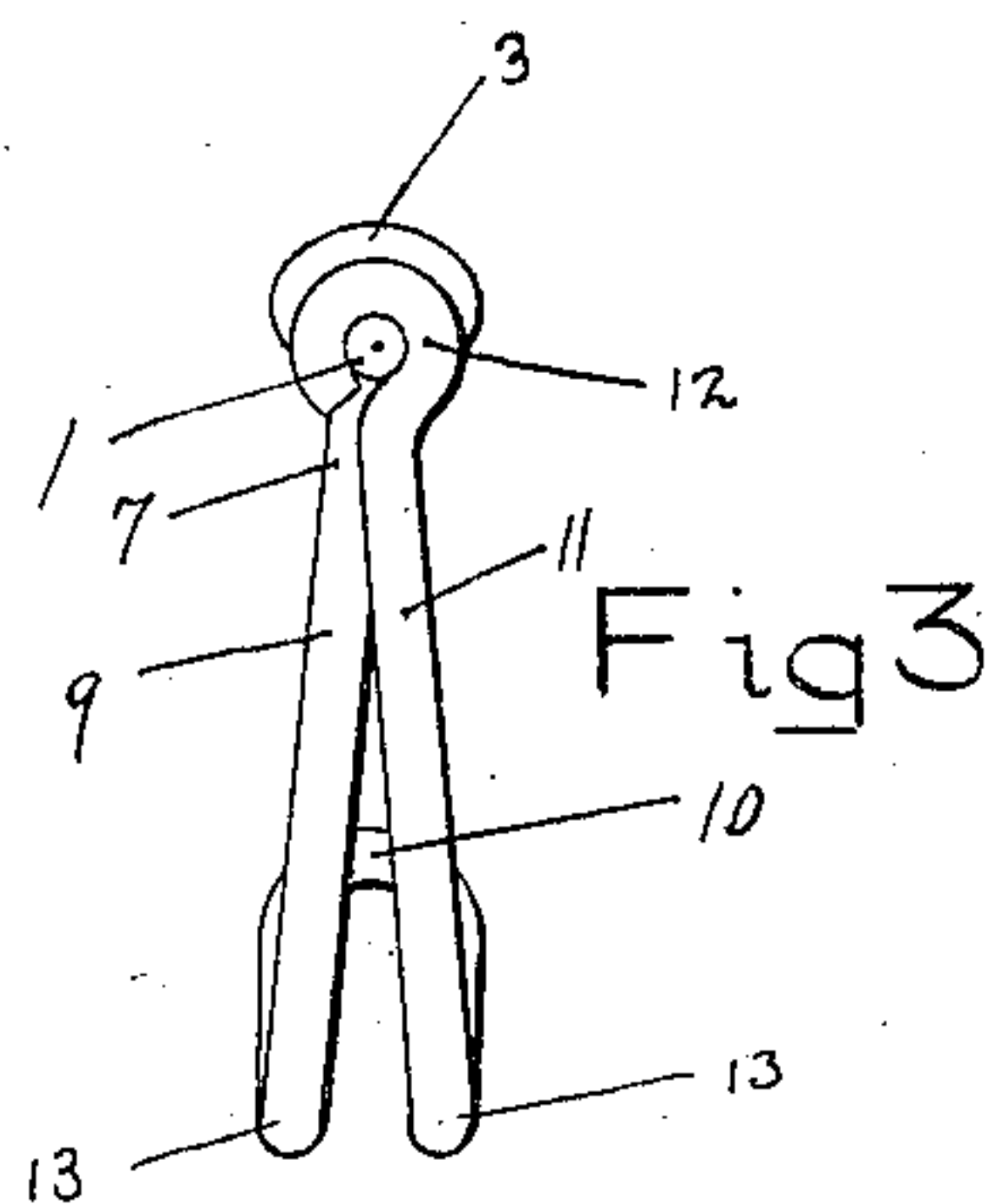
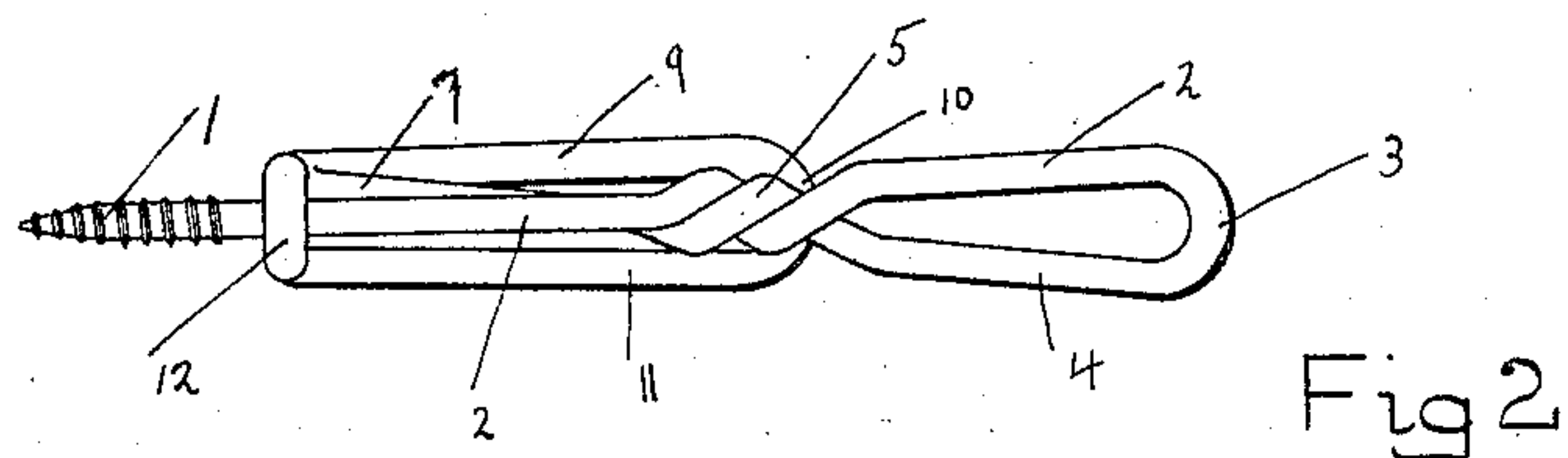
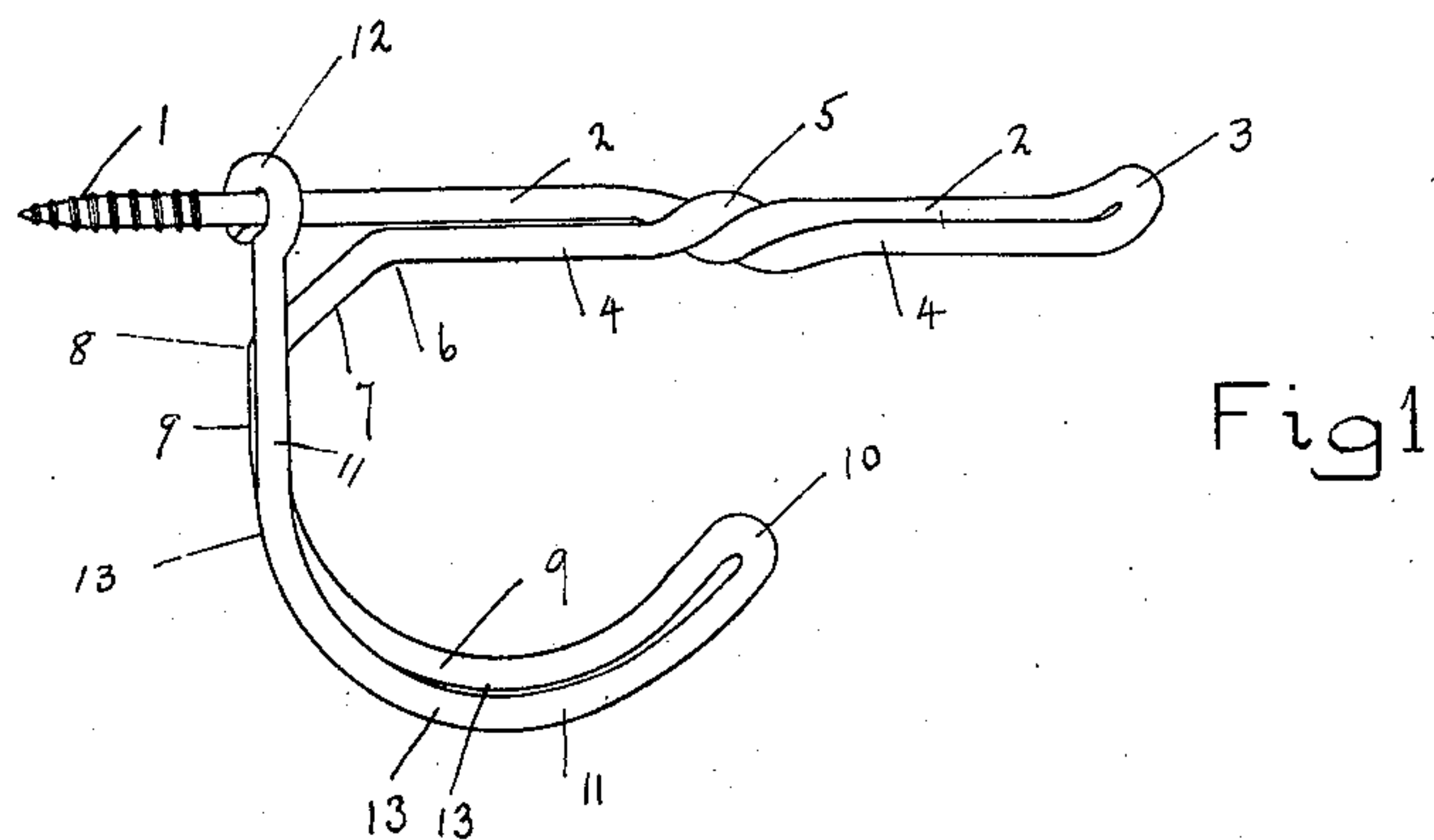


No. 769,809.

PATENTED SEPT. 13, 1904.

R. WASHBURN.  
WIRE COAT AND HAT HOOK.  
APPLICATION FILED FEB. 17, 1904.

NO MODEL.



Witnesses  
Roy D. Tolman.  
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# UNITED STATES PATENT OFFICE.

REGINALD WASHBURN, OF WORCESTER, MASSACHUSETTS, ASSIGNOR TO  
THE WIRE GOODS COMPANY, OF WORCESTER, MASSACHUSETTS, A COR-  
PORATION OF MASSACHUSETTS.

## WIRE COAT AND HAT HOOK.

SPECIFICATION forming part of Letters Patent No. 769,809, dated September 13, 1904.

Application filed February 17, 1904. Serial No. 194,097. (No model.)

*To all whom it may concern:*

Be it known that I, REGINALD WASHBURN, a citizen of the United States, residing at Worcester, in the county of Worcester and Commonwealth of Massachusetts, have invented a new and useful Improvement in Wire Coat and Hat Hooks, of which the following is a specification, accompanied by drawings, forming a part of the same, in which—

Figure 1 is a perspective view of my improved hook. Fig. 2 is a top view of the same, and Fig. 3 is an end view.

Similar reference-figures refer to similar parts in the different views.

1 denotes the screw-threaded end of a single piece of wire from which my improved hook is constructed by which the hook is fastened in position. The portion 2 of the wire extends straight out from the screw-threaded end 1 to any desired length and returns parallel with itself from the bend 3. The wires 2 and 4 are intertwisted at 5, and the portion 4 from the twist 5 toward the screw-threaded end 1 is directly beneath the portion 2. The bend 3 turns slightly upward in the usual manner, thus forming the upper or hat hook. The part 4 bends downward at 6 a short distance before it reaches the screw-threaded end 1. When the downwardly-extending portion 7 reaches a suitable position below the screw-threaded end 1, it makes another bend at 8, so that the wire is approximately at right angles to the screw-threaded end 1. The portion 7 forms a brace or support for the extended arm, and thereby strengthens the hook. From the bend 8 the wire 9 extends the desired length, bends laterally at 10, and the wire 11 returns to the screw-threaded end 1, around which said wire 11 is looped at 12.

The downwardly-extending portions 9 and 11 bend at 13 to form the lower or coat hook and above the bend 13 remain approximately at right angles to the upper or hat hook, thereby forming a solid bearing for the hook against the surface to which it may be at-

tached. I render this bearing still more secure by deflecting the brace 7 slightly from the plane of the wire 2, as shown in Fig. 2, so that in the portion of the lower or coat hook at right angles to the upper or hat hook the wires 9 and 11 are parallel from the bend 8 to the bend 13 and in a plane parallel to the surface to which the hook may be attached.

My hook by the horizontal position of the wires 2 and 4 at the bend 3 affords a comparatively wide supporting-surface and by their vertical position between the twist 5 and the bend 6 offers an increased resistance to any downward strain. The twist 5 also by uniting at that point the wires 2 and 4 shortens the leverage of any force which would tend to separate the wires 2 and 4. The support to the wire 2 afforded by the wire 4 is increased by extending the wire 4 toward the screw-threaded end 1 for some distance before making the bend 6. This increased extension also by shortening the brace 7 raises the bend 8 nearer to the wire 2, and thereby provides a bearing for the hook of two wires instead of one from the bend 8 to the bend 13, since by a slight deflection of the brace 7 the wires 9 and 11 lie in a plane parallel to that of the surface to which the hook may be attached.

I am aware that hooks have heretofore been made of a single piece of wire with screw-threaded ends and with certain parts inter-twisted and braced, and I do not claim, broadly, such a construction.

What I claim as my invention, and desire to secure by Letters Patent, is—

A coat and hat hook made from a single piece of wire, having a screw-threaded end, and an upper or hat hook formed from a doubled portion of the wire twisted together, said doubled wires being in a vertical plane between said twist and said screw-threaded end, a brace extending downward springing from the lower member of the upper or hat hook at an angle less than a right angle, said brace being continued approximately at right an-

gles to said upper or hat hook, doubled later-  
ally toward said upper or hat hook and looped  
around it, said downwardly-extending portion  
being bent to form the lower or coat hook  
5 leaving the upper portion of said lower or  
coat hook still at right angles with said upper  
or hat hook, whereby a brace or support is  
furnished for the hook against the surface to

which it may be attached, substantially as de-  
scribed. 10

Dated this 26th day of January, 1904.

REGINALD WASHBURN.

Witnesses:

PENELOPE COMBERBACH,  
RUFUS B. FOWLER.