

(No Model.)

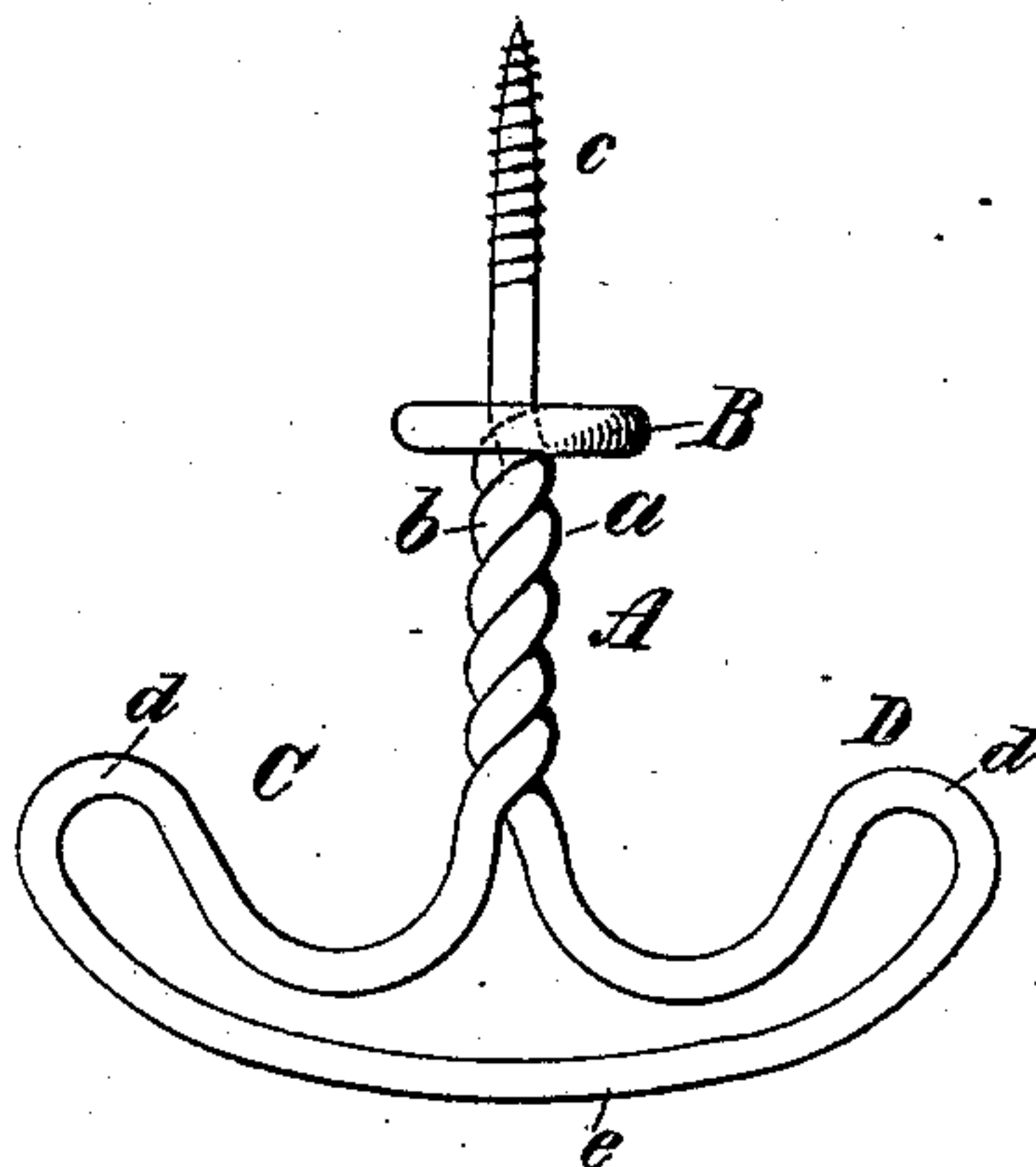
C. T. WILLIAMSON.

WIRE HOOK.

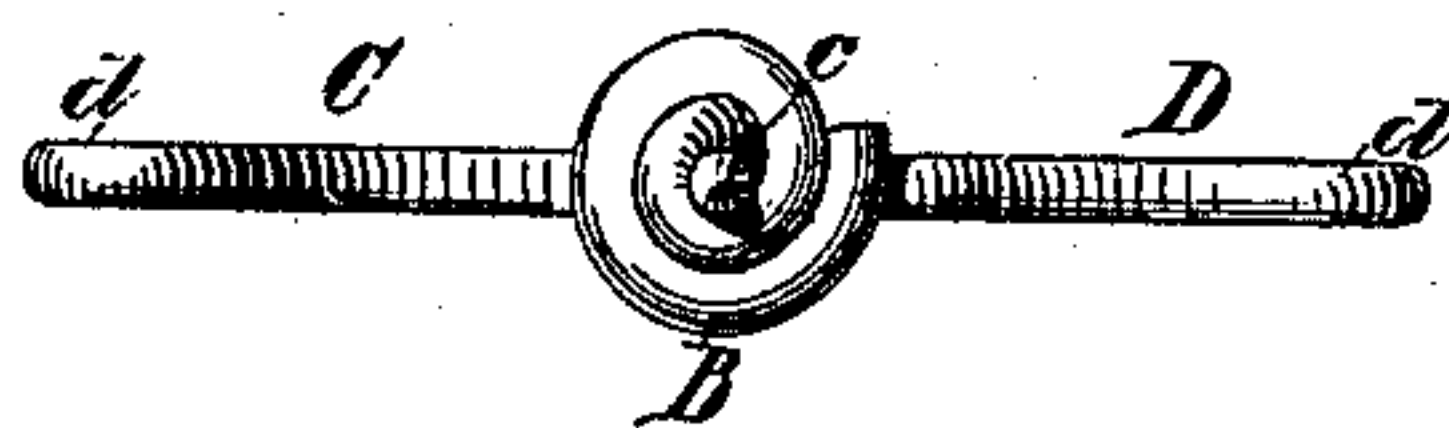
No. 372,099.

Patented Oct. 25, 1887.

*Fig. 1.*



*Fig. 2.*



WITNESSES:

*Gustave Dietrich*

*William Goebel*

INVENTOR

*Cornelius J. Williamson*

BY

*George F. York*

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# UNITED STATES PATENT OFFICE.

CORNELIUS T. WILLIAMSON, OF NEWARK, NEW JERSEY.

## WIRE HOOK.

SPECIFICATION forming part of Letters Patent No. 372,099, dated October 25, 1887.

Application filed July 8, 1887. Serial No 243,797. (No model.)

*To all whom it may concern:*

Be it known that I, CORNELIUS T. WILLIAMSON, a citizen of the United States, and a resident of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Wire Hooks, of which the following is a specification.

My invention relates to an improvement in wire hooks, the object being to provide an article of this character constructed of a single piece of wire, which shall be simple and cheap and adapted to be secured to the under side of a shelf or ceiling, in order that garments hung thereon will not be injured, as is often the case when hanging against a wall.

A further object of my invention is to so construct the hook that it will sustain a great weight, and to so strengthen certain of its parts that all danger of it bending laterally will be overcome; and with these ends in view my invention consists in a wire hook constructed of a single piece of wire, the vertical shaft of which consists of two wrapped or twisted portions of the wire, and having on either side thereof a hook formed of two portions of the wire lying in the same vertical plane, one end of the wire being formed with a screw-thread for entering the support for the hook, and the other end being several times wrapped around the vertical shaft in a plane at right angles thereto, for the purpose of forming a stop or head to rest against said support for the hook and prevent it from bending, and otherwise imparting to the hook great rigidity.

In the accompanying drawings, Figure 1 represents my improved hook in elevation, and Fig. 2 is a top plan view thereof.

A represents the main vertical shaft of the hook, formed by wrapping or twisting together the two portions *a b* of the wire, the end of the portion *a* being formed with a screw-thread, *c*, for entering the support for the hook.

The end of the portion *b*, at a suitable distance from the end of the portion *a*, is twisted around the stem or shaft of the hook and in a plane at right angles thereto, forming a head or stop, *B*, which, when the end of the hook is screwed into a support, impinges against the

latter and serves to prevent it from bending, and otherwise renders it rigid.

At the lower end of the shaft the wire is bent to form the hooks *C D*, one on either side thereof and both in the same horizontal plane, the portion *d* of the wire, forming the upper parts of the hooks, lying in the same vertical plane with the portion *e*, forming the lower parts of the hooks, thus doubling the strength of the hook in the direction of the strain or weight brought to bear upon it.

It will now be seen that my improved hook is very simple in construction, yet at the same time, by reason of its peculiar construction, capable of sustaining a great weight, and can be manufactured at a small cost.

I am aware that it is not new to form a cork-screw of a single piece of wire, and to form the shank thereof by twisting one portion of the wire around another, and to form a heading thereon, such features having been embodied in inventions patented to me as assignee, and which features are also shown in Patent No. 330,974, granted to A. Friedmann and A. L. Blumenberg, November 24, 1885, and hence I make no broad claim to such; but,

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

The wire hook herein described, constructed of a single piece of wire, and consisting of a vertical shaft formed of two portions of the wire twisted together, upwardly-curved hooks formed on either side of the shaft and constructed of two portions of the wire lying in the same vertical plane, and a head or stop, consisting of a portion of the wire wrapped or twisted around the shaft in a plane at right angles thereto, one end of the wire forming the shaft being provided with a screw-thread, substantially as set forth.

Signed at New York, in the county of New York and State of New York, this 1st day of July, A. D. 1887.

CORNELIUS T. WILLIAMSON.

Witnesses:

GEORGE COOK,  
HERMAN GUSTOW.