No. 789,524. PATENTED MAY 9, 1905.

H. L. BRADLEY.

WARDROBE HOOK.

APPLICATION FILED SEPT. 14, 1904.

Fig. 1.

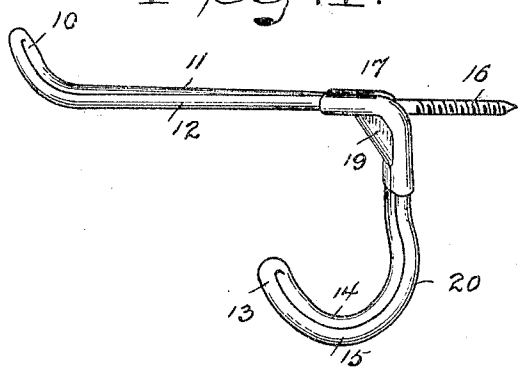


Fig. 2.

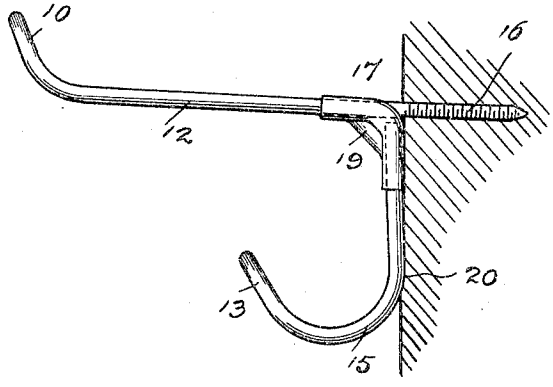


Fig. 4.

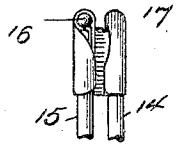


Fig. 3.

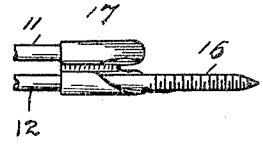
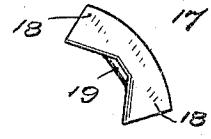


Fig. 5.



WITNESSES.

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UNITED STATES PATENT OFFICE.

HENRY L. BRADLEY, OF WESTVILLE, CONNECTICUT.

WARDROBE-HOOK.

SPECIFICATION forming part of Letters Patent No. 789,524, dated May 9, 1905.

Application filed September 14, 1904. Serial No. 224,424.

To all whom it may concern:

Be it known that I, HENRY L. BRADLEY, a citizen of the United States, residing at Westville, county of New Haven, State of Connecticut, have invented a new and useful Wardrobe-Hook, of which the following is a specification.

My invention has for its object to provide a neat and attractive looking, rigid, and very cheap wardrobe-hook made from a single piece of wire and provided with a sheet-metal angle-brace whose upper and lower hooks shall both be double in the horizontal plane, which shall be open under the top hook, shall be so constructed that the lower hook will not mar woodwork while being inserted, but will make the hook self-locking in place after insertion, and which through the use of my novel brace at the angle is made amply strong at what has heretofore been the weak point in wire wardrobe-hooks, and the objectionable resilience and yielding of this type of hooks is entirely done away with.

With these and other objects in view I have devised the novel metal clasp wardrobe-hook which I will now describe, referring to the accompanying drawings, forming part of this specification, and using reference characters to indicate the several parts.

Figure 1 is a perspective of my novel wardrobe-hook detached, showing the backward curvature of the lower hook by which the hook as a whole is made self-locking in place; Fig. 2, a side elevation of the hook in position for use, the woodwork being indicated in section; Fig. 3, a detail plan view of the angle of the hook; Fig. 4, a detail rear elevation of the angle of the hook, and Fig. 5 is a view of the angle-brace detached.

In forming my novel wardrobe-hook the blank of wire is first curved and recurved in the horizontal plane, the sides lying substantially parallel with each other and the ends lapping past each other at one side of the mid-length of the partly-formed device. One of the loops or doubled ends of the partly-formed device is bent upward to form the outer end of the upper hook 10. The two sides of the upper hook are indicated, respectively, by 11 and 12. One of these sides—side 11—as shown in the drawings, is bent downward at approximately a right angle, and then the looped or doubled end is curved and recurved to form the lower hook 13. The two sides of the lower hook are indicated, respectively, by 14 and 15, side 14 being continuous with side 11 of the upper hook and the end of side 15 lying against or contiguous to side 12 of the upper hook at the angle, as is clearly indicated by dotted lines.

16 denotes the attaching-shank, which is shown as threaded to engage woodwork and is continuous and in alinement with side 12 of the upper hook.

17 indicates the angle-brace. These angle-braces are blanked out from sheet metal, Fig. 5 showing the brace as blanked out ready for attachment. The brace as formed is substantially U-shaped in cross-section, the sides being highest at the ends, forming flaps 18, and is also curved longitudinally, the under side being concave and the upper edges of the sides being convex. At the center of the brace on the under side I form a strengthening-rib 19. The wardrobe-hook is completed by placing the brace in the angle of the hook, setting it tightly in place, and then closing the flaps 18 of the brace tightly about the sides of the upper and lower hooks, respectively, the flaps at one end of the brace being closed about the inner ends of the sides 11 and 12 of the upper hook, as clearly shown in Fig. 3, and the flaps at the other end of the brace being closed about the upper ends of the sides 14 and 15 of the lower hook, as clearly shown in Fig. 4. The rib 19 on the brace firmly braces the upper hook and makes the article as a whole rigid and very strong, the resiliency and yieldingness which is such a serious objection to ordinary wire wardrobe-hooks being entirely done away with.

An important feature of my novel wardrobe-hook is that the lower hook is curved backward below the brace, as at 20. (See Fig. 1.) In putting up a hook for use the operator springs the lower hook outward away from the woodwork and then turns the shank into the woodwork until the back of the angle-

brace is in contact with the woodwork, as clearly shown in Fig. 2, the lower hook having been retained out of contact with the woodwork, so that it is not marred by the operation of putting up the hook. As soon as the lower hook is released, however, the resiliency caused by backward curve 20 will force the back of the lower hook slightly into the woodwork and cause it to lock the hook as a whole firmly in place when once inserted.

Having thus described my invention, I claim—

1. A wardrobe-hook comprising upper and lower hooks formed from a blank of wire curved and recurved to form upper and lower hooks each having a loop or doubled end and sides lying parallel, an attaching-shank formed continuous with one side of the upper hook and an angle-brace seated in the angle of the hook and provided at its center with a strengthening-rib and at its ends with flaps which are curved about the sides of the upper and lower hooks respectively.

2. A wardrobe-hook formed from a blank of wire curved and recurved to form upper and lower hooks each having a loop or doubled end and sides lying parallel, an attaching-shank formed continuous with one of the sides of the upper hook, said lower hook having a backward curve 20, for the purpose set forth, and an angle-brace seated in the angle of the hook and provided at its center with a strengthening-rib and at its ends with flaps which are curved about the sides of the upper and lower hooks respectively.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY L. BRADLEY.

Witnesses:
ALICE M. BROWN,
ELSIE J. FIELD.