

J. RAES.
 CLOTHES HOOK.
 APPLICATION FILED JAN. 5, 1912.

1,035,740.

Patented Aug. 13, 1912.

Fig. 1.

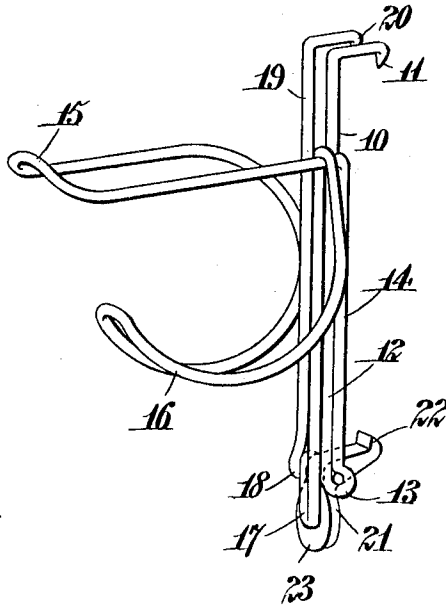


Fig. 2.

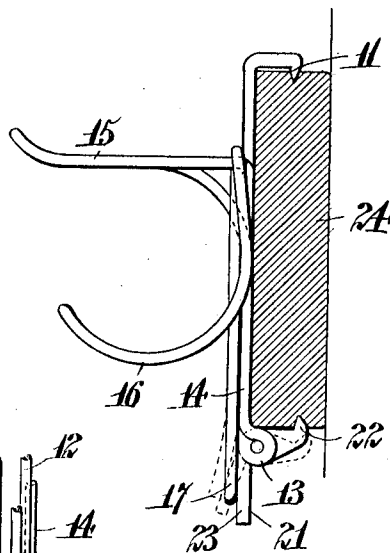
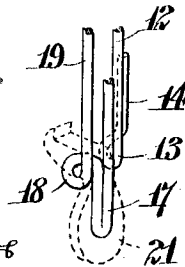


Fig. 3.



Witnesses: _____

Christ Feinle, Jr.
J. H. Foster

Inventor,

Joseph Raes.

Victor J. Evans,

Attorney.

UNITED STATES PATENT OFFICE.

JOSEPH RAES, OF SCHENECTADY, NEW YORK.

CLOTHES-HOOK.

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To all whom it may concern:

Be it known that I, JOSEPH RAES, a citizen of the United States, residing at Schenectady, in the county of Schenectady and State of New York, have invented new and useful Improvements in Clothes-Hooks, of which the following is a specification.

An object of the invention is to provide a clothes hook for supporting clothes and the like.

The usual clothes hooks now generally employed are screwed into the side of a wall or board so that the supporting members of the wall will at all times remain in rigid position relatively to the supporting surface. This manner of attaching the hook to the supporting surface, however, greatly mars the finish of the supporting surface and it is also oftentimes found difficult to screw a hook of the kind mentioned into a hard surface, particularly when the same consists of a seasoned wood having a rough grain.

In the use of my device I aim to provide an article for supporting clothes and the like and which can be mounted in supporting position upon a supporting surface without marring the outer finish of the supporting surface and which can be quickly detached from the supporting surface at any time.

In the further disclosure of the invention, reference is to be had to the accompanying drawings constituting a part of this specification, in which similar characters of reference denote corresponding parts in all the views, and in which—

Figure 1 is a perspective view of the hook. Fig. 2 is a vertical transverse sectional view of the supporting surface showing my hook applied thereto, the dotted lines denoting the disengaged position of the dog when it is desired to remove the hook from the supporting surface. Fig. 3 is a fragmentary perspective view of the lower portion of the device, the dog being shown in dotted lines.

Referring more particularly to the views, I employ an integral piece of material 10 having an end thereof bent to form a gripping flange 11, the said piece of material being then bent laterally to form a depending portion 12 bent at the lower end to form a bearing 13, the said piece of material being bent rearwardly upon itself to form an upright 14 and then bent outwardly and rearwardly upon itself to form a supporting member 15, the said piece of material being

then bent downwardly and curved and also bent upon itself to form a second supporting member 16, the said piece of material being then bent around itself to extend downwardly and form a U-shaped spring 17 and then doubled to form a bearing 18, similar to the bearing 13 and arranged oppositely thereto, the said piece of material being then extended upwardly to form a portion 19, after which the said piece of material is bent laterally with the ends thereof bent to form a second gripping flange 20, similar to the gripping flange 11 and arranged adjacent thereto.

Journalled in the bearings 13, 18 and mounted to swing between the same is a retaining dog 21, comprising a gripping end 22 and a laterally extending end 23, constituting a suitable handle or lever and engaged by the U-shaped spring 17 to normally retain the gripping end 22 of the retaining dog in retaining position.

In the use of the device, the same is applied as shown in Fig. 2, the gripping flanges 11 and 20 being arranged to grip the upper edge of a supporting board 24 with the portions 10 and 19, lying against the outer finished face of the board and snugly pressed against the same so that the inward pressure will cause the gripping end 22 of the dog 21 to engage the under surface of the board 24 and rigidly support the hook upon the board, the mentioned gripping end 22 being held in gripping engagement with the board by the action of the U-shaped spring 17 as mentioned heretofore.

Thus it will be readily seen that clothes and the like can be hung upon the supporting members 15 and 16, to be supported thereby, and it will also be seen that by pulling outwardly upon the handle 22, against the tension of the spring 17, the pointed end 22 will be disengaged from the board 24, after which the gripping flanges 11 and 20 can also be disengaged from the board, thus resulting in the entire removal of my device therefrom.

I claim:—

1. In a hook, the combination with an integral piece of material bent to form supporting members, of a retaining dog journalled in bearings formed by the said piece of material, and a spring formed by the said piece of material to engage the said retaining dog.

2. In a hook, the combination with an in-

tegral piece of material bent to form gripping flanges and supporting members, of a retaining dog mounted to swing on the said piece of material, and a depending spring
5 formed by the said piece of material to engage the said retaining dog.

3. In a device of the class described, an integral piece of material bent to form gripping flanges adapted for gripping
10 engagement with a supporting board, supporting members formed by intermediate portions of the said piece of material, a re-

taining dog mounted to swing in bearings formed by the said piece of material and a spring formed by the said piece of material
13 to engage the said retaining dog and normally retain the same in engagement with the supporting board.

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

JOSEPH RAES.

Witnesses:

F. A. HOSTER,

WM. BINGHAM.

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