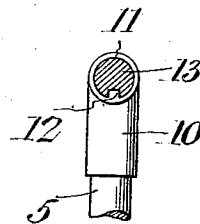
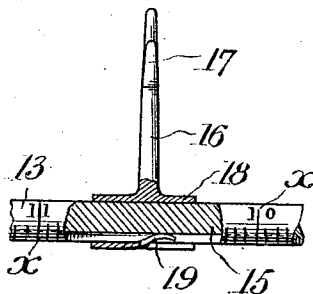
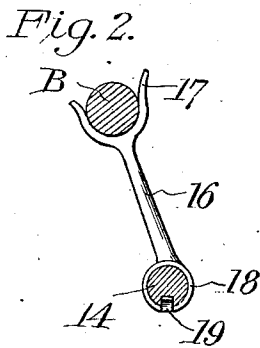
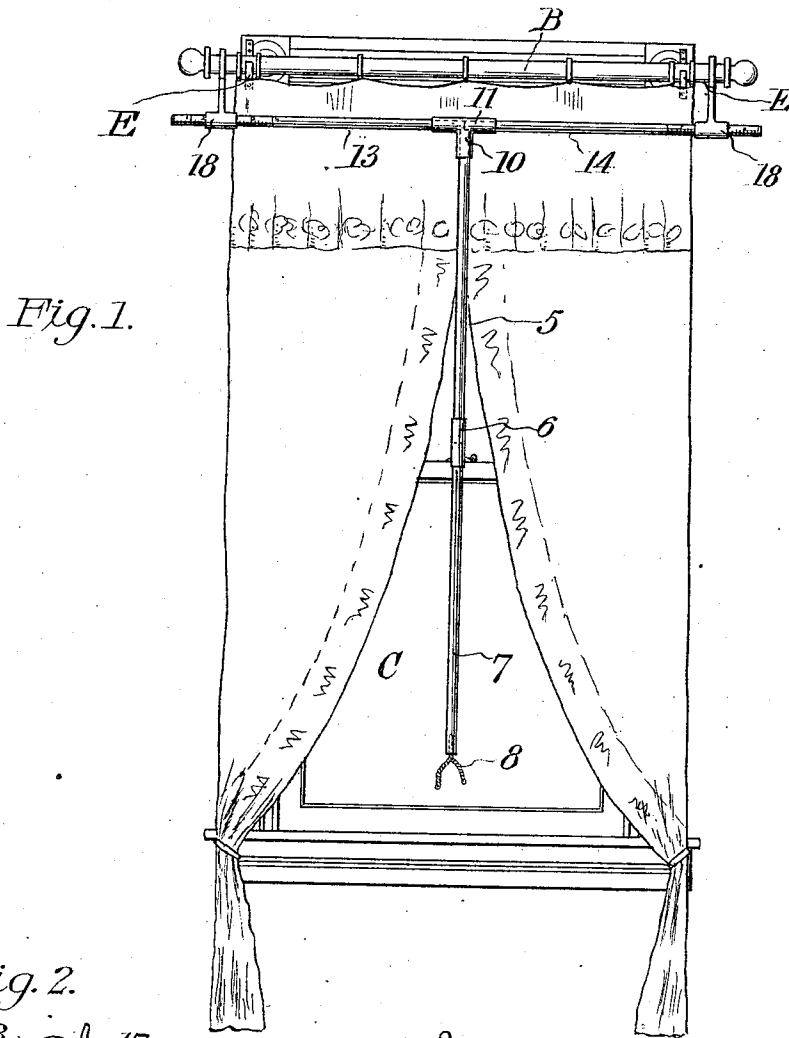


L. N. ADAIR.
CURTAIN POLE REMOVER.
APPLICATION FILED MAR. 5, 1912.

1,046,047.

Patented Dec. 3, 1912.



WITNESSES
Gordon St. Belt
E. L. McKee

Fig. 3.

INVENTOR
Lulu N. Adair
By *George W. Lusk* Attorney

UNITED STATES PATENT OFFICE

LULU N. ADAIR, OF HUNTSVILLE, TEXAS.

CURTAIN-POLE REMOVER.

1,046,047.

Specification of Letters Patent.

Patented Dec. 3, 1912.

Application filed March 5, 1912. Serial No. 681,790.

To all whom it may concern:

Be it known that I, LULU N. ADAIR, a citizen of the United States, and a resident of Huntsville, in the county of Walker and State of Texas, have invented certain new and useful Improvements in Curtain-Pole Removers, of which the following is a specification, reference being had to the accompanying drawings.

This invention has relation to certain new and useful improvements in curtain pole removers.

The primary object of my invention is to provide a light, neat, adjustable device by means of which curtain poles, shades, and portière poles may be readily removed or replaced by an operator without having to mount upon a chair, table, step ladder or the like.

A further object is to provide an interchangeable device of the character described, the staff of which at one end has a hook arranged so that pictures may be hung upon or be removed from the hooks or nails, giving support to the same.

With these and other objects in view the present invention consists in the combination and arrangement of parts as will be hereinafter more fully described and finally pointed out in the appended claims, it being further understood that changes in the specific structure shown and described may be made within the scope of the claims, without departing from the spirit of the invention.

In the accompanying drawings forming a part of this specification, and in which like numerals of reference indicate similar parts in the several views: Figure 1, shows a window provided with a bracket-supported curtain pole showing my device in position to remove the pole. Fig. 2, is a sectional detail disclosing one of the hook arms and showing the tongue within the kerf. Fig. 3, is an enlarged broken detached detail of one of the hook arms disclosing the position of one of the tension tongues within its kerf, and Fig. 4, shows an end view of the T-head as used in my invention.

In nearly every dwelling it is at times necessary to remove or replace the poles giving support to the window curtains, or the door or other portières. To do so it is usually necessary for the operator to employ a step ladder or mount upon a chair, table

or other means to secure the desired elevation. In my present invention I provide a curtain pole remover which can be instantly adjusted, so that a window, door, or other pole, giving support to a curtain, portière or drapery, can be removed or replaced without disarranging the curtain or drapery, the operator occupying a convenient position upon the floor in front of the door space or window.

In the drawings the numerals 5 and 7, represent a staff made in two sections connected by means of the tubular joint 6, in such a manner that the two staff sections may be disjoined when not in use, the joint 6, being fixed to one of the staff sections. The lower staff section 7, has a hook 8, secured to it which may be used when it is desired to hang or remove pictures or like articles suspended by means of a cord. Firmly secured to the end of the upper staff section 5, is the T-shaped head 10, having the tubular sleeve 11, which upon its interior, is provided with the lengthwise running rib 12, as shown in Fig. 4. Arranged to be frictionally held within the sleeve portion 10, of the head is the sectional carrying bar, including the members 13 and 14, of like length and construction, each having a lengthwise running kerf 15, shown in Fig. 3. For the sake of convenience, near one end, each bar has the similar scale graduations α , shown in Fig. 1. These carrying bars 13 and 14, are frictionally held within the sleeve 11, the kerf rib preventing rotary movement of these bars. Slidably held upon each carrying bar is a hook arm 16, ending in a hook 17, the arm 16, obliquely or tangentially extending from a collar 18, as shown in Fig. 2. Each collar 18, is provided with two parallel running incisions, the metal between the incisions being bent inward, to provide the resilient tongue 19, of a width equal to the width of the kerf 15, and arranged to be tensionally held within the kerf. In Fig. 3, one of the tongues is shown in position within its kerf. By means of the tongues 19, the hook arms are slidably held to their bars in a manner preventing any casual displacement of the arms from their bars.

In Fig. 1, I have shown a window C, provided with the curtain pole B, supported upon the brackets E, a curtain pole remover embodying my invention being shown as in

engagement with the curtain pole, so that the same may be removed from its brackets.

When not in use, the members may be folded into a small compass, in that the staff sections are disconnected and the members 14 and 13, removed from the head. The inwardly directed tongues 19, hold the arms 14, at a proper angle to the staff.

It is of course understood that these curtain pole removers may be made in various sizes.

As it is desirable to have the staff extend centrally from between the two carrying arms 16, I provide the graduations x , so that each arm may be set at an exact distance from the head.

When it is desired to use the device as a means of hanging pictures or remove them from their nails, the carrying bars 13 and 14, are of course not employed.

The device is simple and inexpensive in construction and both durable and efficient in operation, and the adjustment of the arms upon the carrying bars may be effected with ease, accuracy and despatch.

Having thus described my said invention,

what I claim as new and desire to secure by United States Letters Patent is:

1. A device of the character described, comprising a staff, a head secured to said staff including a tubular sleeve having an internal lengthwise running rib, a carrying bar within said sleeve having a kerf arranged for co-action with said rib, and a hook arm having a collar with a resilient tongue tensionally held within said kerf.

2. A device of the character described, comprising a sectional staff, a head secured to said staff including a tubular sleeve having an internal lengthwise running rib, a carrying bar frictionally held within said sleeve having a kerf arranged for co-action with said ribs, and two hook arms each having a collar slidably engaging said bar, each provided with a resilient tongue tensionally held within said kerf.

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

LULU N. ADAIR.

Witnesses:

CAROLINE L. NORSWORTHY,
W. D. ADAIR.

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