

June 3, 1952

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2,599,010

ROTATABLY SUPPORTED ADJUSTABLE PAINTERS WORK HOLDER

Filed Sept. 9, 1949

2 SHEETS—SHEET 1

Fig. 1.

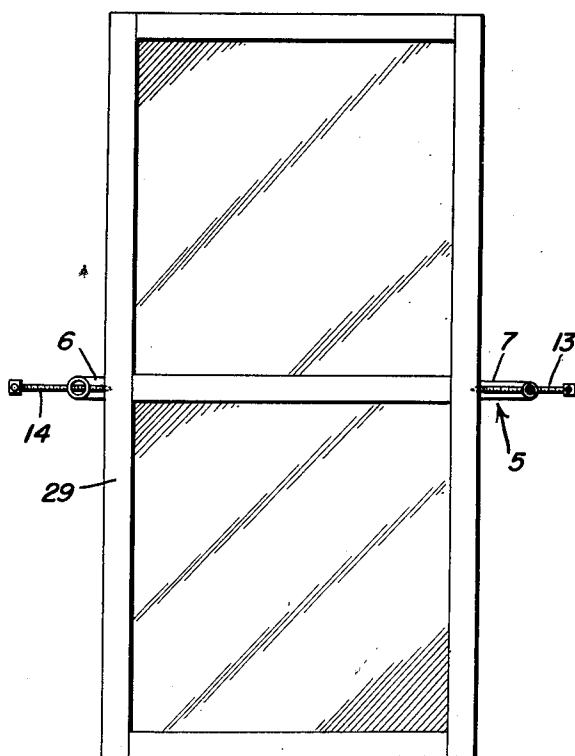


Fig. 2.

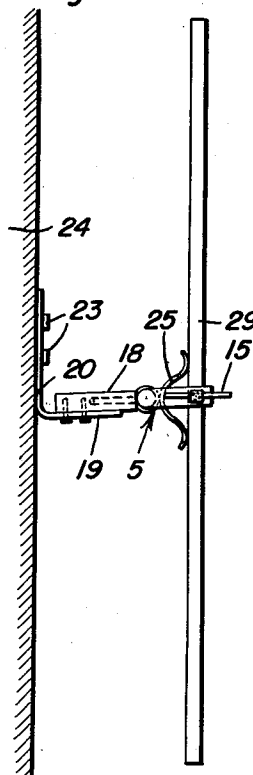
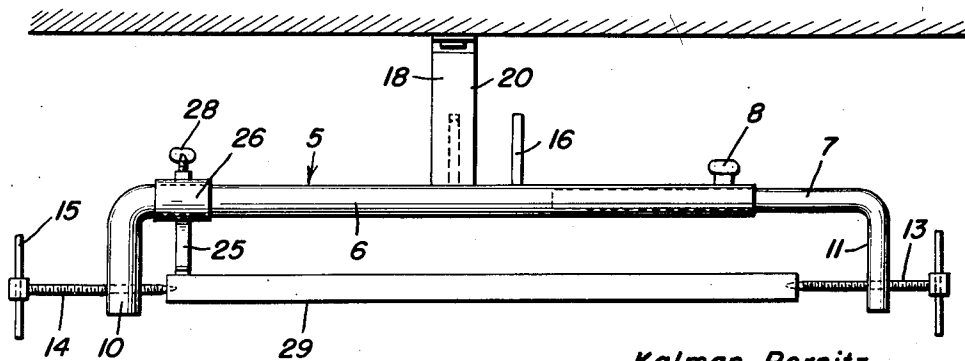


Fig. 3.



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2 SHEETS—SHEET 2

Fig. 5.

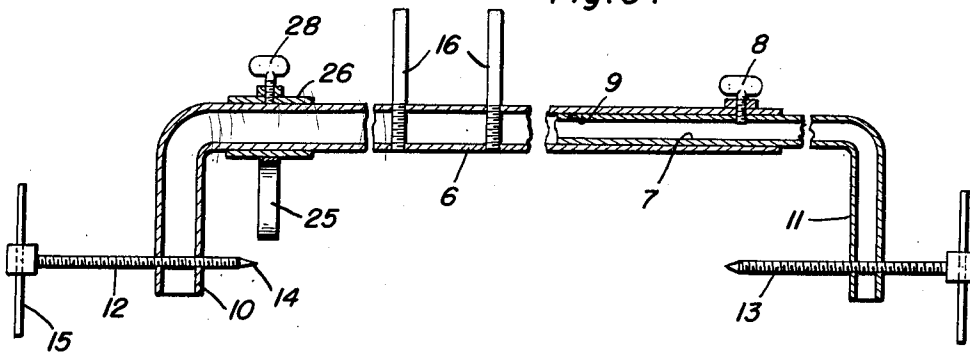


Fig. 4.

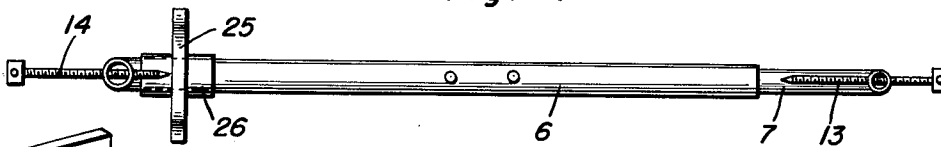


Fig. 6.

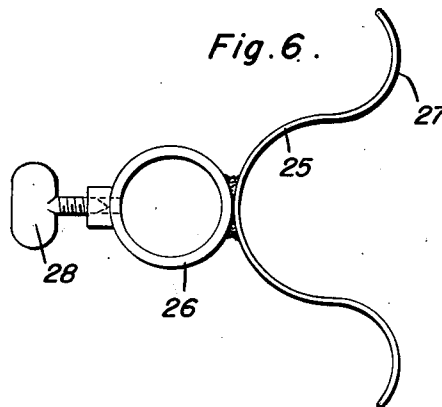
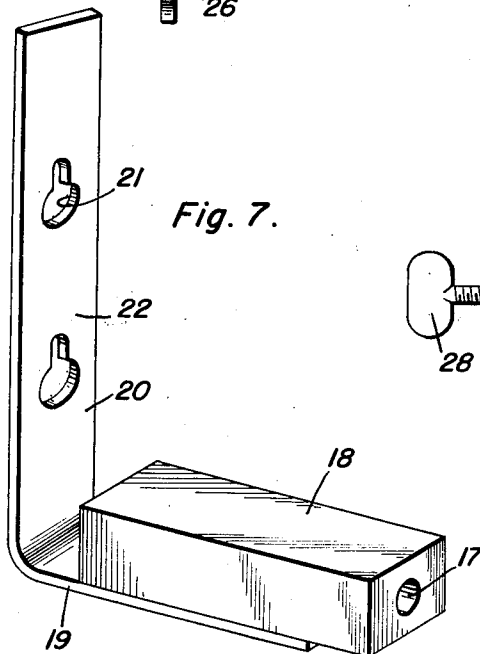


Fig. 7.



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## UNITED STATES PATENT OFFICE

2,599,010

ROTATABLY SUPPORTED ADJUSTABLE  
PAINTER'S WORK HOLDER

Kalman Pernitz, Milwaukee, Wis.

Application September 9, 1949, Serial No. 114,878

1 Claim. (Cl. 144-299)

1

The present invention relates to new and useful improvements in work holders designed primarily for use by painters for holding storm sash, screens or the like, in a convenient position while painting the same.

An important object of this invention is to provide a work holder including a clamp engaging the opposite side edges of the work and a wall bracket pivotally supporting the clamp for turning the work into a desired position while painting the same.

A further object of this invention is to provide an adjustable work holding clamp to accommodate storm sash or screens of various widths or sizes.

A still further object is to provide a device of this character in simple and practical construction, which is strong and durable, relatively inexpensive to manufacture and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a front elevational view showing a storm sash secured in position in the work holding clamp;

Figure 2 is a side elevational view;

Figure 3 is a top plan view;

Figure 4 is a front elevational view of the work holding clamp per se;

Figure 5 is a longitudinal sectional view thereof;

Figure 6 is an enlarged side elevational view of the resilient abutment for the work carried by the clamp; and,

Figure 7 is an enlarged perspective view of the wall bracket.

Referring now to the drawings in detail, wherein for the purpose of illustration, I have disclosed a preferred embodiment of the invention the numeral 5 designates the work holding clamp generally and which comprises a pair of telescopically connected tubes 6 and 7 secured in extensible position with respect to each other by means of a thumb or set screw 8 carried by the outer tubular member 6 and threaded into openings 9 of the inner tubular member.

The outer ends of tubular members 6 and 7 are bent angularly in a forward direction as shown at 10 and 11 and in which are threaded clamping screws 12 and 13 having pointed inner or op-

2

posed ends 14 and hand gripping bars 15 at their outer ends.

One or more pivot pins 16 are threaded in the tubular member 6 to project rearwardly therefrom for selective insertion in an opening or bore 17 extending longitudinally in a block 18 suitably secured on the lower horizontal leg 19 of an L-shaped wall bracket 20 which is formed with a pair of key hole slots 21 in its vertical leg 22 for receiving headed pins 23 projecting from a wall or other suitable vertical supporting structure 24. A resilient abutment or stop 25 of strap metal is welded or otherwise secured at its central portion to a collar 26 slidably mounted on the tubular member 6 and with the ends of the abutment or stop 25 curved forwardly and outwardly, as shown at 27. The collar 26 is secured in adjusted position on tubular member 6 by means of a thumb or set screw 28.

In the operation of the device the tubular members 6 and 7 are adjusted to position the forwardly projecting arms 10 and 11 from each other the approximate width of the work 29, such as a storm sash or window screen which is engaged substantially at its central side portion by the pointed ends 14 of the clamping screws 12 and 13 and with the abutment or stop 25 positioned behind the work at one side thereof to prevent swinging or tilting movement of the work in the work holding clamp. One of the pivot pins 16 is then inserted in the opening 17 of the wall bracket 20 to balance the work holding clamp 5 with the work 29 therein on the wall bracket.

The outer surface of the work 29 may then be painted or cleaned and upon completion thereof, the work holding clamp 5 is removed from the work and placed at the reverse side of the latter and again mounted in the wall bracket 20 for painting or cleaning the other surface of the work.

During the painting or cleaning of the work the work holding clamp 5 may be turned on the pivot pin 16 to position the work in its most convenient position.

In view of the foregoing description taken in conjunction with the accompanying drawings, it is believed that a clear understanding of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein

3

described and the scope of the appended claim.

Having described the invention, what is claimed as new is:

A work holder comprising a U-shaped clamp, said clamp being formed of two extensibly connected tubular L-shaped members, means on one of said L-shaped members for rotatably suspending said clamp and a work piece therein from a support, work-clamping screws which are axially aligned with respect to each other and carried at the ends of the clamp for engaging the side edges of the work piece, means for releasably locking said members in selected positions to vary the distance between said screws, a collar slidably and rotatably carried by one of said L-shaped members, means carried by the collar and holding the same in slidable and rotatably adjusted position on said one member, and a stop carried by the collar and including a pair of resilient arms having free end portions adapted to contact the workpiece on one surface thereof to prevent ro-

4

tative movement of the workpiece about the axis of said screws.

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