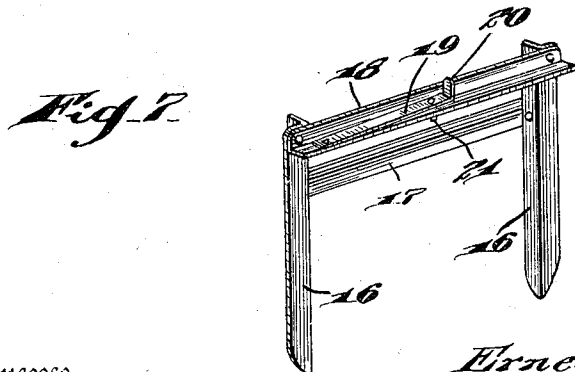
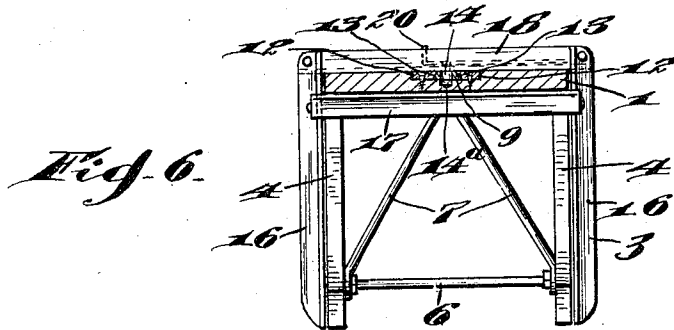
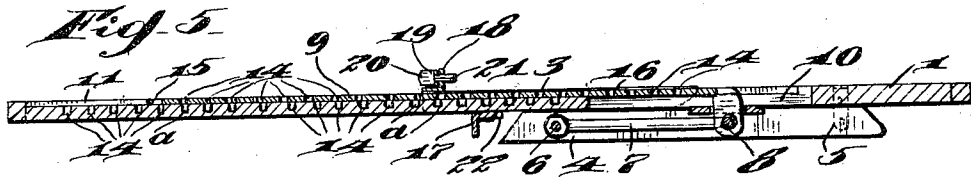
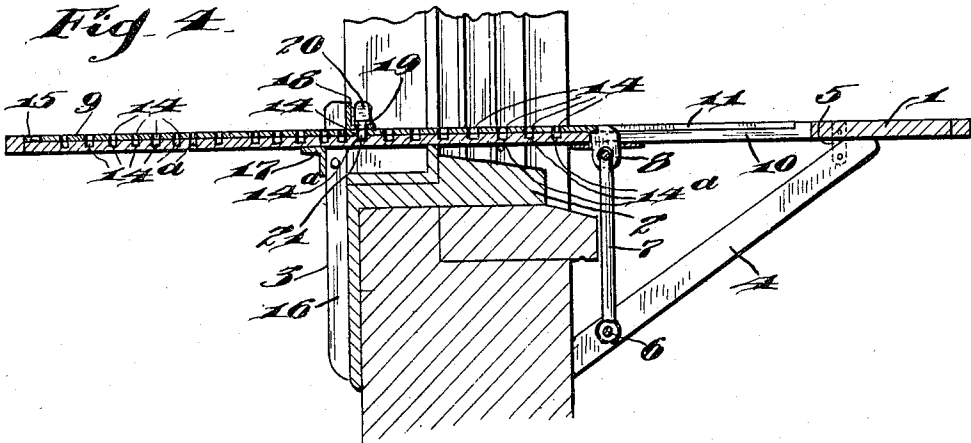


E. SHEPHERD.
PAINTER'S JACK.
APPLICATION FILED JULY 26, 1910.

982,306.

Patented Jan. 24, 1911.

2 SHEETS—SHEET 2.



Inventor

Witnesses
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UNITED STATES PATENT OFFICE.

ERNEST SHEPHERD, OF PHILADELPHIA, PENNSYLVANIA.

PAINTER'S JACK.

982,306.

Specification of Letters Patent.

Patented Jan. 24, 1911.

Application filed July 26, 1910. Serial No. 573,965.

To all whom it may concern:

Be it known that I, ERNEST SHEPHERD, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Painters' Jacks, of which the following is a specification.

My invention relates to improvements in painters' jacks, the object of the invention being to provide a device of this character which can be folded into small compass and which may be readily adjusted to operative position, and which will be strong and durable, and absolutely secure in use.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings: Figure 1, is a view in section through a window sill illustrating my improved jack in side elevation. Fig. 2, is a plan view. Fig. 3, is a detail perspective view of the strip 9. Fig. 4, is a view in longitudinal section through the device showing it in operative position. Fig. 5, is a similar view showing the device folded. Fig. 6, is a view in cross section, and Fig. 7, is a detail perspective view of my improved adjusting frame.

1 represents the platform of the jack which is illustrated as extending across the window sill 2, and is held against movement at one side by means of an adjustable frame 3, and at the other side of the window sill by pivoted bars 4, the latter located in a diagonal position, and pivotally connected to brackets 5 projecting downwardly from the platform 1 near its outer end. I preferably employ two of these bars 4, which are connected by a cross rod 6 on which a yoke 7 is secured at its ends, and between its ends is positioned through a perforated ear 8 which is integral with a strip 9 and projects through a slot 10 in platform 1. This strip 9 is mounted to slide in a longitudinal groove 11 in the upper face of platform 1, said strip being held in the groove by means of small plates 12, countersunk in the upper face of the platform and engaging beveled side edges 13 of the strip. This strip is provided with a longitudinal series of openings 14, and at its rear end with a hinged handle 15 to move the same.

The frame 3 above referred to comprises vertical parallel angle bars or legs 16, which are adapted to bear against the inner face of the window sill. These angle bars or legs 16 are connected by two transverse bars 17, and 18, located a distance apart equal to the thickness of the platform, so that the lower bar 17 bears against the under face of the platform, while the upper bar 18 bears against the upper face of the platform.

On the upper bar 18, a flat spring 19 is secured at one end, and at its other end is provided with a hand-hold 20. A pin 21 is fixed to this spring near its free end and extends through an opening in the bar 18 and is adapted to enter in any of the openings 14 in strip 9 and project into any of a series of recesses 14^a in platform 1, so as to hold the frame against any movement longitudinally of the platform, and insure an absolutely secure support for the jack. When the jack is to be placed away, the operator slides the strip 9 longitudinally of the platform by means of the handle 15. This causes the perforated ear 8 to draw the yoke 7 up against the under face of the platform, thus drawing the bars 4 to the position shown in Fig. 5. Frame 3 can then be swung to a horizontal position with the legs 16 at the edges of the platform 1, so that the whole structure will occupy but very small space.

Small lugs 22 are provided at the opposite edges of the platform 1, and these lugs are adapted to hold the legs 16 against swinging downward, thus the structure is secured and folded in a knock down position.

Various slight changes might be made in the general form and arrangement of parts described without departing from my invention, and hence I do not limit myself to the precise details set forth, but consider myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of the appended claims.

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

1. In a device of the character described, the combination with a platform, of bars hinged to the lower outer portion of the platform, a perforated ear mounted to move longitudinally of the platform, a yoke pivotally connecting the ear and the bars, a frame movably mounted on the platform,

downwardly projecting legs on the frame, and means for locking the frame against movement on the platform, substantially as described.

2. In a device of the character described, the combination with a platform, of bars hinged to the lower outer portion of the platform, a perforated ear mounted to move longitudinally of the platform, a yoke pivotally connecting the ear and the bars, a frame movably mounted on the platform, downwardly projecting legs on the frame, a strip mounted to slide on the platform and connected to the ear, said strip having a longitudinal series of openings therein, and a spring-pressed pin on the frame adapted to enter any of said openings, substantially as described.

3. In a device of the character described, the combination with a platform having a longitudinal groove in its upper face and a longitudinal slot communicating with the groove, of a strip mounted to slide in said groove and having a longitudinal series of openings therein, a perforated ear on the strip projecting through the slot, bars pivotally connected to the under face of the platform, a yoke pivotally connecting the perforated ear and said bars, a frame mounted to move on the platform, and means on the frame to engage in any of the perforations in the strip, substantially as described.

4. In a device of the character described, the combination with a platform having a longitudinal groove in its upper face and a longitudinal slot communicating with the groove, of a strip mounted to slide in said groove and having a longitudinal series of openings therein, a perforated ear on the strip projecting through the slot, bars piv-

otally connected to the under face of the platform, a yoke pivotally connecting the perforated ear and said bars, a frame mounted to move on the platform, said frame comprising legs located at the edges of the platform, and bars secured to the legs and located respectively above and below the platform, and a spring-pressed pin on the upper bar adapted to enter any of the openings in the strip, substantially as described.

5. In a device of the character described, the combination with a platform having a longitudinal groove in its upper face and a longitudinal slot communicating with the groove, of a strip mounted to slide in said groove, and having a longitudinal series of openings therein, a perforated ear on the strip projecting through the slot, bars pivotally connected to the under face of the platform, a yoke pivotally connecting the perforated ear and said bars, a frame mounted to move on the platform, said frame comprising legs located at the edges of the platform, and bars secured to the legs and located respectively above and below the platform, a spring-pressed pin on the upper bar adapted to enter any of the openings in the strip, and lugs projecting outward from the edges of the platform and adapted to be engaged by the legs of the frame when the latter are positioned longitudinally of the platform and at the edges thereof, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ERNEST SHEPHERD.

Witnesses:

ALBERT SHEPHERD,
R. H. KRENKEL.