A. F. STURGEL.

ADJUSTABLE CHIMNEY JACK.

APPLICATION FILED JULY 30, 1917.

1,250,699. Patented Dec. 18, 1917.

Fig. 1

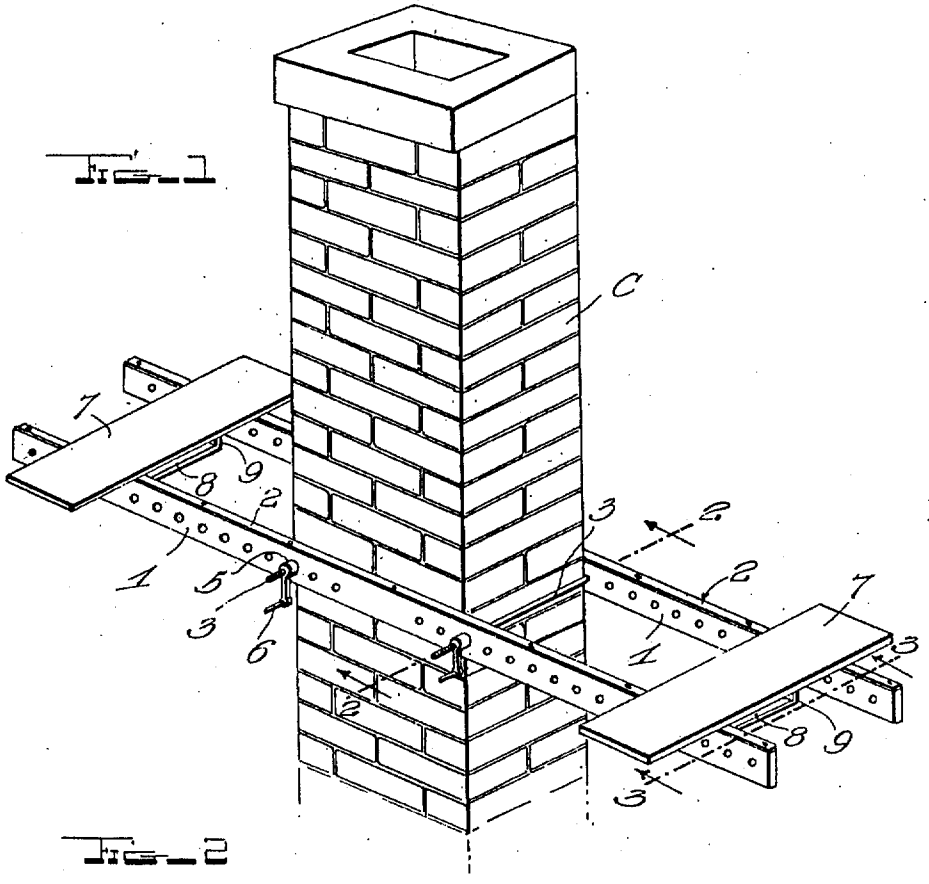


Fig. 2

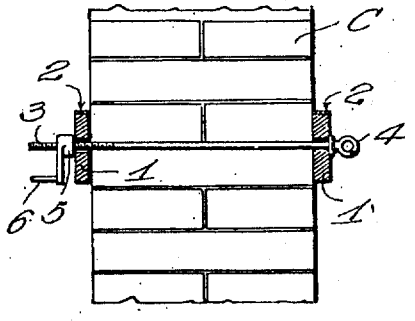
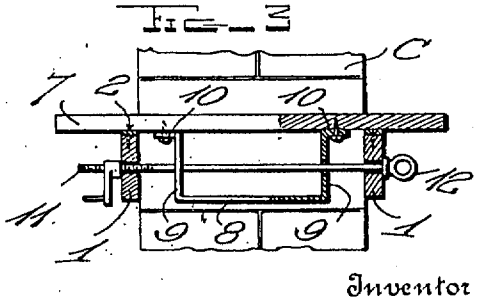


Fig. 3



Witness

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ADJUSTABLE CHIMNEY-JACK.

1,250,699. Specification of Letters Patent. Patented Dec. 18, 1917.

Application filed July 30, 1917. Serial No. 183,559.

To all whom it may concern:

Be it known that I, ARIS F. STURGEL, a citizen of the United States, residing at Lexington, in the county of Fayette and State of Kentucky, have invented certain new and useful Improvements in Adjustable Chimney-Jacks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in adjustable chimney jacks and has for its primary object to provide a device of this character for use by painters in painting chimneys.

Another object is to provide a device of this character which may be easily adjusted to any point on a chimney or the like and used by either bricklayers or tinners in topping chimneys.

With these and numerous objects in view, my invention resides in the novel features of construction and in the arrangement of the several parts as described in the specification and claim and clearly illustrated in the accompanying drawings which form a part of this application and in which:

Figure 1 represents a perspective view, showing the application of the adjustable jack.

Figs. 2 and 3 are transverse sections taken on line 2—2 and 3—3 of Fig. 1 respectively.

The preferred embodiment of my invention as illustrated is shown applied to a chimney C in order that the object of the device may be readily seen.

The adjustable chimney jack comprises a pair of preferably flat bars or scaffold boards 1 formed of wood or metal, and when formed of wood reinforced on their upper edges with metal strips 2, which are secured to the wooden boards by suitable fastening elements. The bars are provided with a plurality of alined apertures spaced at intervals from the outer ends of said bars toward their centers for a purpose to be seen as the description progresses.

The bars or boards 1 are adapted to be positioned on the opposite sides of a chimney, when in use, and held in place by connecting them with a pair of clamping bolts 3 each having at one end an eye or finger loop 4 and its other end threaded, each of said bolts extending through a pair of alined apertures on one side of the chimney and provided with a nut 5, preferably having an operating lever 6. The nuts are screwed onto the bolts 3 until the bars or scaffold boards are tightly clamped against the sides of the chimney.

For the purpose of supporting a workman or workmen a pair of standing boards 7 are supported adjacent the outer ends of the bars or boards 1 on the upper edges thereof. Secured to the lower face of each standing board or platform 7 is a flat metal bar 8, spaced from the board, and having upwardly right-angularly bent ends 9 whose ends are bent outwardly in opposite directions to form attaching feet 10 which are secured to the board by any suitable fastening elements.

The rightangularly bent ends 9 are provided intermediate their lengths with horizontally alined apertures adapted to be alined with any pair of the apertures in the bars or boards 1, and through which alined apertures are adapted to pass bolts 11 each having on one end an eye or finger loop 12.

In operation the bars may be adjusted to a chimney of any size and at any height and held in position by tightening the clamping bolts 3, and the platforms 7 may be adjusted to any desired positions on the bars by removing the bolts 11, shifting the platforms and then replacing the bolts. This method of mounting the platforms prevents any longitudinal movement of the platform or any tilting movement of the same, which would be caused by the outer edge 7 coming in contact with the sloping portion of the roof. Also this means of attaching the platform allows the distance between the bars to be varied owing to the fact that the arms of the U-shaped bracket can be disposed between the bars or the bars can be placed between the arms of the bracket. It will therefore be seen that the distance between the bars can be greatly varied without affecting the attaching means of the platform.

From the foregoing description of the construction and operation of my improved adjustable chimney jack, the operation thereof will be readily understood and it is also to be understood that numerous changes may be made in the minor details of construction without sacrificing the principal advantages.

I claim:—

In a device of the character described, a

pair of parallel spaced bars to contact with the opposite sides of a chimney provided with spaced transversely alined apertures from points near their centers to their outer ends, a pair of clamping bolts for said bars, said bolts being received in certain of said apertures adjacent the opposite sides of the chimney, a second pair of bolts disposed in alined apertures between the first named bolts and the ends of the bars, a pair of platforms supported on the bars at points above said last named bolts and U-shaped apertured brackets depending from said platforms to receive said last mentioned bolts thereby providing firm attaching means between the platforms and the bars, whereby to prevent any longitudinal or tilting movement of a platform, said U-shaped bracket and said second mentioned bolts allowing the distance between said bars to be varied.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

ARIS FRANK STURGEL.

Witnesses:
J. B. MOORE,
E. K. S. CLINKENBEARD.

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