

(No Model.)

J. A. P. BERG.
ADJUSTABLE CLAMP HOOK.

No. 527,763.

Patented Oct. 23, 1894.

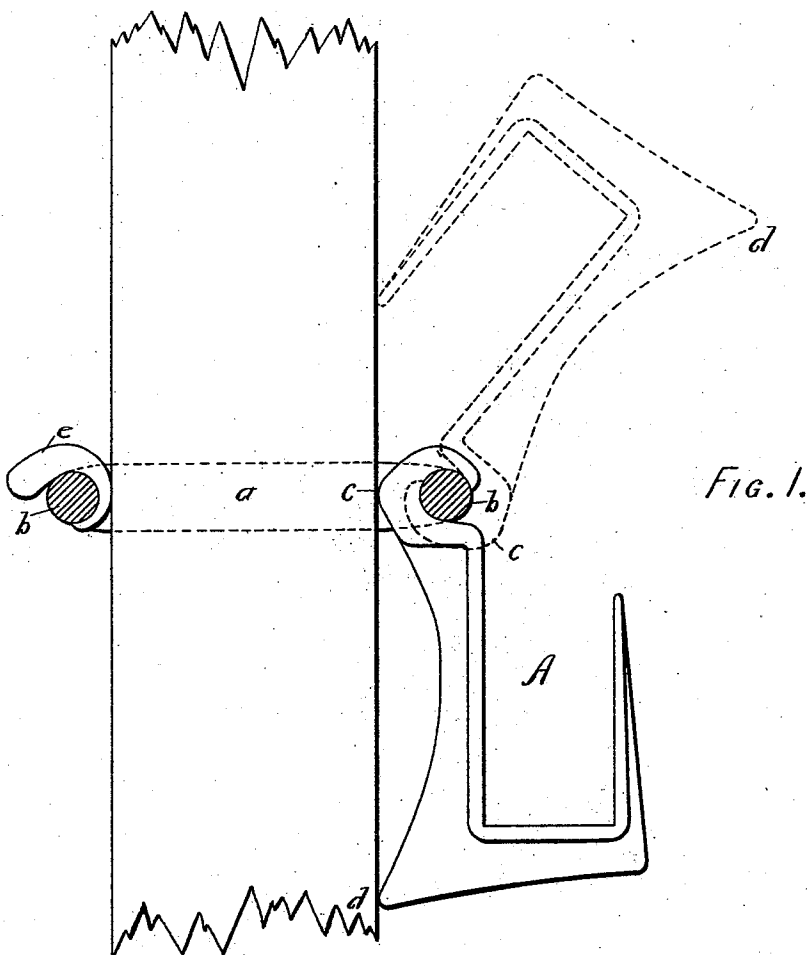


FIG. 1.

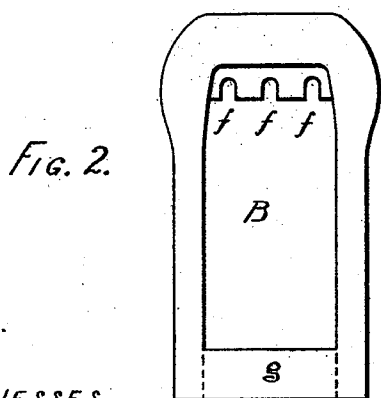


FIG. 2.

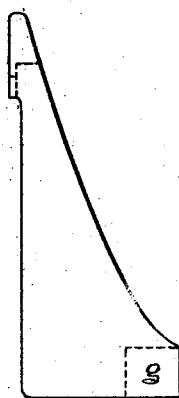


FIG. 3.

WITNESSES.

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UNITED STATES PATENT OFFICE.

JOHN A. P. BERG, OF MOLINE, ILLINOIS.

ADJUSTABLE CLAMP-HOOK.

SPECIFICATION forming part of Letters Patent No. 527,763, dated October 23, 1894.

Application filed April 10, 1894. Serial No. 507,026. (No model.)

To all whom it may concern:

Be it known that I, JOHN A. P. BERG, a citizen of the United States, residing at Moline, in the county of Rock Island and State of Illinois, have invented certain new and useful Improvements in Adjustable Clamp-Hooks; and I do hereby 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.

My invention relates to the construction of scaffolds erected by the walls of buildings for the support of workmen, and the object of my improvement is to render it more safe and less expensive in the erection of scaffolding than the mode now in use. I attain this object by the device as shown and illustrated in the drawings annexed hereto, in which—

Figure 1, is a side view of an adjustable clamp hook attached to a post or standard to sustain a platform for workmen. Fig. 2, is a front view of a shelf or support to attach to the walls of buildings for holding one end of the joist held in the hook for the support of a platform, and Fig. 3 is a side elevation of the same.

Similar letters represent the different parts throughout both the views.

The adjustable clamp hook for scaffolding shown in Fig. 1, is made of malleable iron in all its parts. The frame or holder, *a*, is rectangular in form and of such size as to allow the standard or post to be easily passed into and through the same. The side parts of the frame, *a*, are made flat, but the ends, *b, b*, are rounded for purposes hereinafter specified.

The hook is in form rectangular, so being for the purpose of holding the joist or beam to support the flooring of a scaffold. Its upper part is made cuniform or wedge shape so made to engage the frame, *a*, at the rounded end, *b*, circling partly around, *b*, holding and acting in the nature of a hinge, having on its outer side, at the upper part at *c*, and the lower part at *d*, projections to act as bearings against the standard or post when in use and prevent moving or slipping. To further protect and hold the hoop secure to the post or standard when in use the wedge shape revolving tightener, *e*, is attached to the other end of frame, *a*, in the same manner as the hook

and used by turning to the right or left for the purpose of tightening or loosening when needed. Being thus connected and acting it forms the "adjustable clamp hook," *A*.

In adjusting the hook to meet requirements in raising or lowering on the standard, the hook is brought up in a horizontal line as shown by dotted lines, which at once relieves the pressure at the points, *c, d*, and *e*, loosens the frame, *a*, from the standard or post, so it may be easily raised, lowered, or removed altogether.

The wall or joist support, *B*, Fig. 2, is made of malleable iron, the lower part front projecting outward forming the brace or shelf, *g*, Fig. 3 sufficient to support the floor joist running from the hook, *A*, as support of the scaffold floor, the upper part of said support being slotted, at *f, f, f*, for pins or screws to hold secure to the wall or post or any safe support, and may be removed from place, as desired by moving it up and off the pins or screws. This device is intended for scaffold building, used in the erection of houses, for both outside and inside work, and may be successfully used for promiscuous independent scaffolds.

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

An adjustable scaffolding hook comprising a frame to embrace the sides of a post or upright, the opposite ends of the frame being rounded, a hook having a curved wedge shaped suspending portion at its upper end to be engaged with one rounded end of the frame by a swinging movement, and having an upper and a lower projection to engage with the post and steady the hook, the upper projection being in the plane of the frame when the hook is in position, and a curved wedge shaped tightener mounted on the opposite rounded end of the said frame to tighten and release the frame by a circular movement on the rounded end thereof, substantially as described.

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

JOHN A. P. BERG.

Witnesses:

CHAS. W. GLEASON,
B. L. CLUTIE.