(No Model.)

C. W. FISHER.

HOLDER FOR SWINGING SCAFFOLDS.

No. 414,634. Patented Nov. 5, 1889.

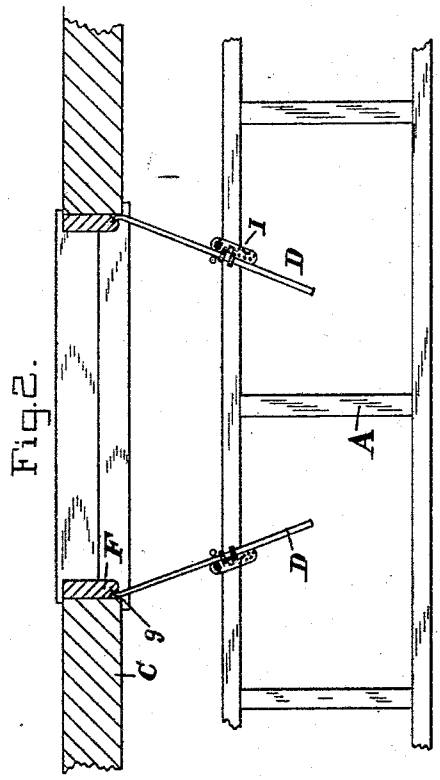


Fig. 2.

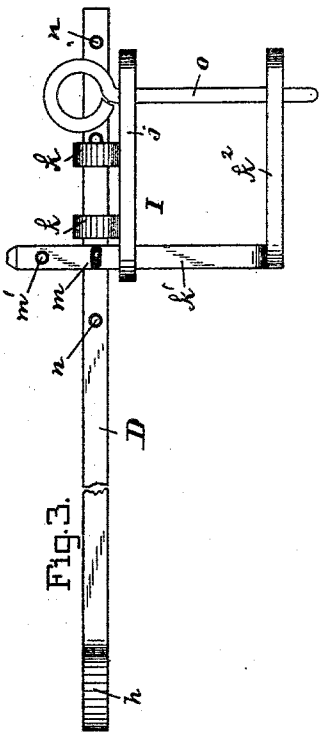


Fig. 3.

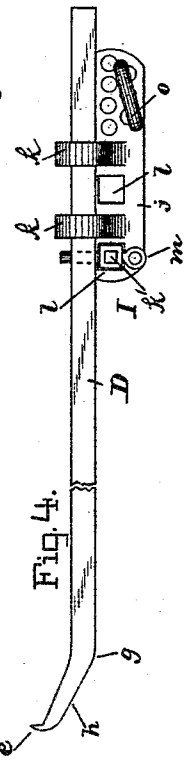


Fig. 4.

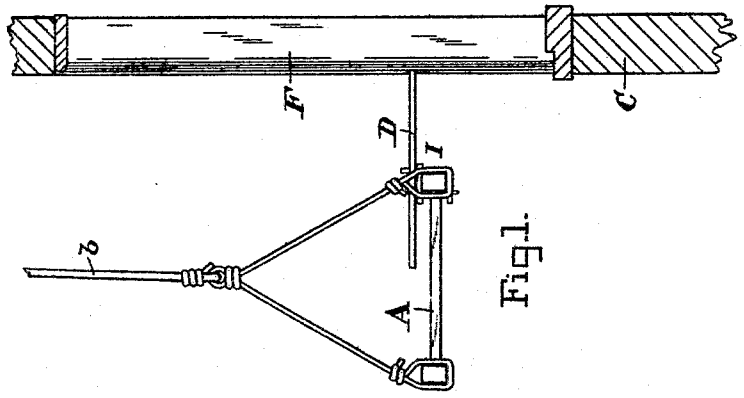


Fig. 1.

WITNESSES:

A. O. Babendreier.
John E. Morris

INVENTOR:

Chas W. Fisher

BY Chas B. Mann
ATTORNEY.

N. PETERS. Photo-Lithographer. Washington, D. C.

UNITED STATES PATENT OFFICE.

CHARLES W. FISHER, OF BALTIMORE, MARYLAND, ASSIGNOR OF ONE-HALF TO JACOB S. DETRICK, OF SAME PLACE.

HOLDER FOR SWINGING SCAFFOLDS.

SPECIFICATION forming part of Letters Patent No. 414,634, dated November 5, 1889.

Application filed May 7, 1889. Serial No. 309,923. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. FISHER, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Holders for Swinging Scaffolds, of which the following is a specification.

This invention relates to a device for holding painters' swinging scaffolds, and is illustrated in the accompanying drawings, in which—

Figure 1 is a vertical section of a house-wall through a window, and also shows the swinging scaffold and improved holding-bar. Fig. 2 is a horizontal section of a house-wall through a window, and shows the holding-bars applied thereto and to the scaffold. Figs. 3 and 4 are side and top views, respectively, of the holding-bar and clamp device.

The scaffold A, by means of a rope *b*, is suspended, as usual, at the side of a house-wall C. This is the rig used by painters. My invention has for its object to hold such scaffolds from swinging. To this end I provide a metal bar D, having at its extremity a lateral point or hook *e*, which is adapted to take into the back of the wood frame F of the window, as shown in Fig. 2. By having a slight bend *g* near the end of the bar, as shown in Fig. 4, so that the end part *h* projects obliquely therefrom, the said outer angle of the bend will serve to bear against the brick-work of the window-opening, which will enable the bar to be used as a lever, and thereby force the metal point or hook *e* into the wood window-frame sufficient to engage the bar therewith.

The bar D, having provision at one end for engagement with the window-frame, is secured to the hanging scaffold A in any suitable or convenient manner. Two or more holding-bars should preferably be employed. In the present instance two bars are shown attached to one window-frame, though ordinarily each bar would be attached to a different window-frame. By the combination with a hanging scaffold of this holding-bar having a lateral hook the said scaffold will be prevented from swaying or moving.

A clamp I is employed to secure the holding-bar D to the scaffold A. This clamp is readily adjustable both along the bar D and also as to its dimension to take around the ladder-rail. The clamp in the present instance forms a yoke or clip, which takes around one of the rails of the ladder or scaffold. The construction of the clamp may vary; but, as here shown, one plate *j* has two eyes *k*, through which the holding-bar passes loosely. This plate forms part of the clamp, and the other parts are attached to it. A right-angled adjusting-bar has one arm k' passed loosely through a hole *l* in the said plate. The same arm also crosses the holding-bar D, and the other arm k^2 is parallel with the plate *j*. A pin *m*, passed through the arm and bar D, serves to confine the clamp to the said bar. This arm has several holes m', and the bar D also has several holes *n*, whereby provision is made for adjustment by means of the pin *m*. The two parallel parts $j\,k^2$ take on opposite sides of one of the scaffold-rails, and a pin *o*, passed through the said two parts, confines the clamp to the scaffold-rail.

Having described my invention, I claim—

1. In a swinging scaffold, the combination therewith of a holding-bar D, having near the end a bend *g*, and the end part *h* beyond the bend projecting obliquely and provided at its extremity with a lateral hook *e*, to engage with the window-frame.

2. The combination of a swinging scaffold, a holding-bar having at its extremity a hook, and a clamp which takes around one of the rails of the scaffold for securing and adjusting the holding-bar.

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

CHARLES W. FISHER.

Witnesses:
JOHN E. MORRIS,
JNO. T. MADDOX.