

P. RODECKER.
Scaffoldings.

No. 156,594.

Patented Nov. 3, 1874.

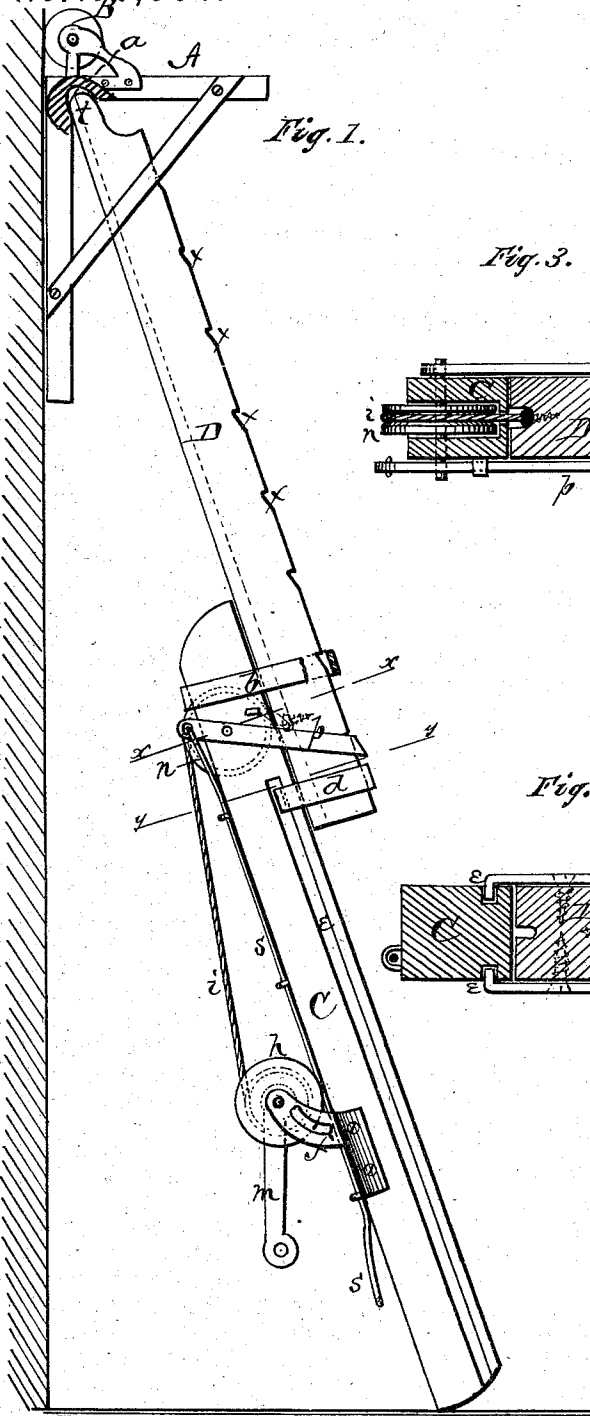


Fig. 1.

Fig. 2.

Fig. 3.

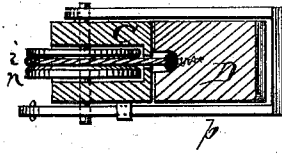
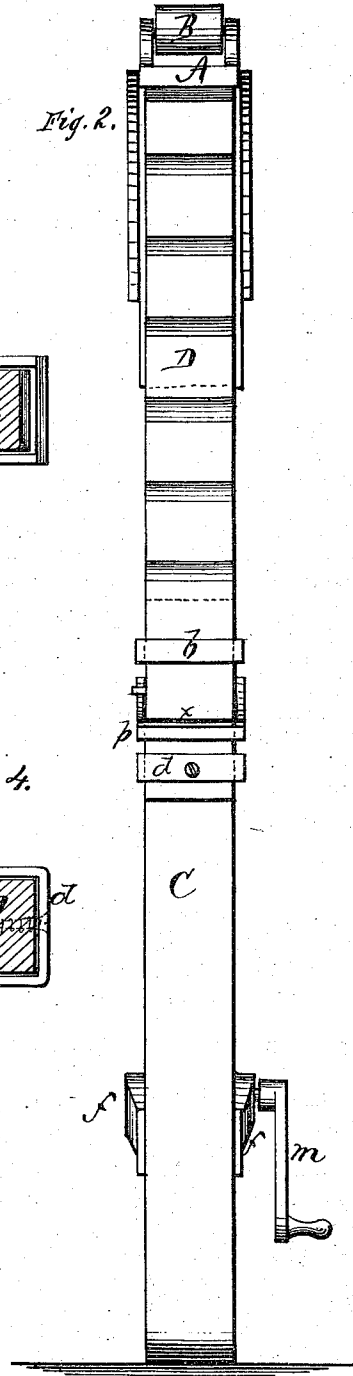
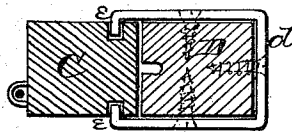


Fig. 4.



WITNESSES:

P. C. Dieterich.

W. C. T. Arthur.

INVENTOR

B. Roederer

per J R Alexander
ATTORNEY

UNITED STATES PATENT OFFICE.

PETER RODECKER, OF SIDNEY, OHIO.

IMPROVEMENT IN SCAFFOLDINGS.

Specification forming part of Letters Patent No. **156,594**, dated November 3, 1874; application filed October 8, 1874.

To all whom it may concern:

Be it known that I, P. RODECKER, of Sidney, in the county of Shelby and State of Ohio, have invented certain new and useful Improvements in Extension-Scaffolding; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

The nature of my invention consists in the construction and arrangement of an extension-support for scaffolding, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side elevation of my extension-support with bracket. Fig. 2 is a front view of the same. Figs. 3 and 4 are cross-sections through the lines *x x* and *y y* of Fig. 1, respectively.

A represents an ordinary L-shaped bracket, provided on top at the angle with a roller, B; and on the under side, in the angle, is formed a socket, *a*, as shown in Fig. 1. The extension-support is formed of two bars, C and D, the lower bar, C, having at its upper end a band, *b*, which surrounds the upper bar, D. At the lower end of this upper bar D is fastened an open band, *d*, the ends of which are bent inward, and enter longitudinal grooves *e* in the sides of the lower bar C. At a suitable point on the bar C are arms *ff*, in which the journals of a drum, *h*, have their bearings, and on one of the journals is fastened a crank, *m*, by means of which it is revolved. From the drum *h* a rope, *i*, passes upward over a pulley, *n*, in the upper end of the bar C, and is fastened to the lower end of the bar D. Upon the journals of the pulley *n* is pivoted a bail or latch, *p*, which surrounds the bar D, and is to catch

in notches *x*, made in the outer surface of said bar. *s* is a wire attached to the bail *p* to release the same from the bar D. The upper end *t* of the bar D is rounded to fit in a socket, *a*, of the bracket.

The operation is as follows: The longer arm of the bracket A is placed against the side of the building by inserting the "knuckle" *t* of the bar D into the socket *a*. To elevate the bracket upon which the scaffolding rests is done by turning the crank *m*, whereby the rope *i* is wound up on the drum *h*, and the bar D moved upward, elevating the bracket to any desired height, where it will be securely held by the catch *p* dropping into either of the notches *x* on the bar D. The roller B prevents the bracket from being caught on the edges of the weather-boarding or other obstruction on the side of the building. To lower or depress the extension, apply power to the crank *m* until the upper bar D is held in suspense, or relieves the catch *p*; then pull down on the rod or wire *s*, which will remove the latch from the notch or shoulder *x*, and the depression or descent will be regulated by the crank *m* at pleasure, until the latch *p* drops again into the desired notch, where it will remain secure, as before.

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

The combination of the grooved bar C, the bar D, provided with notches *x x*, the bands *b d*, and the pivoted latch *p*, with trip-rod *s*, all constructed and arranged with a windlass, *h m*, and rope *i*, to operate substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

PETER RODECKER.

Witnesses:

N. R. BURRESS,
J. S. CONKLIN.