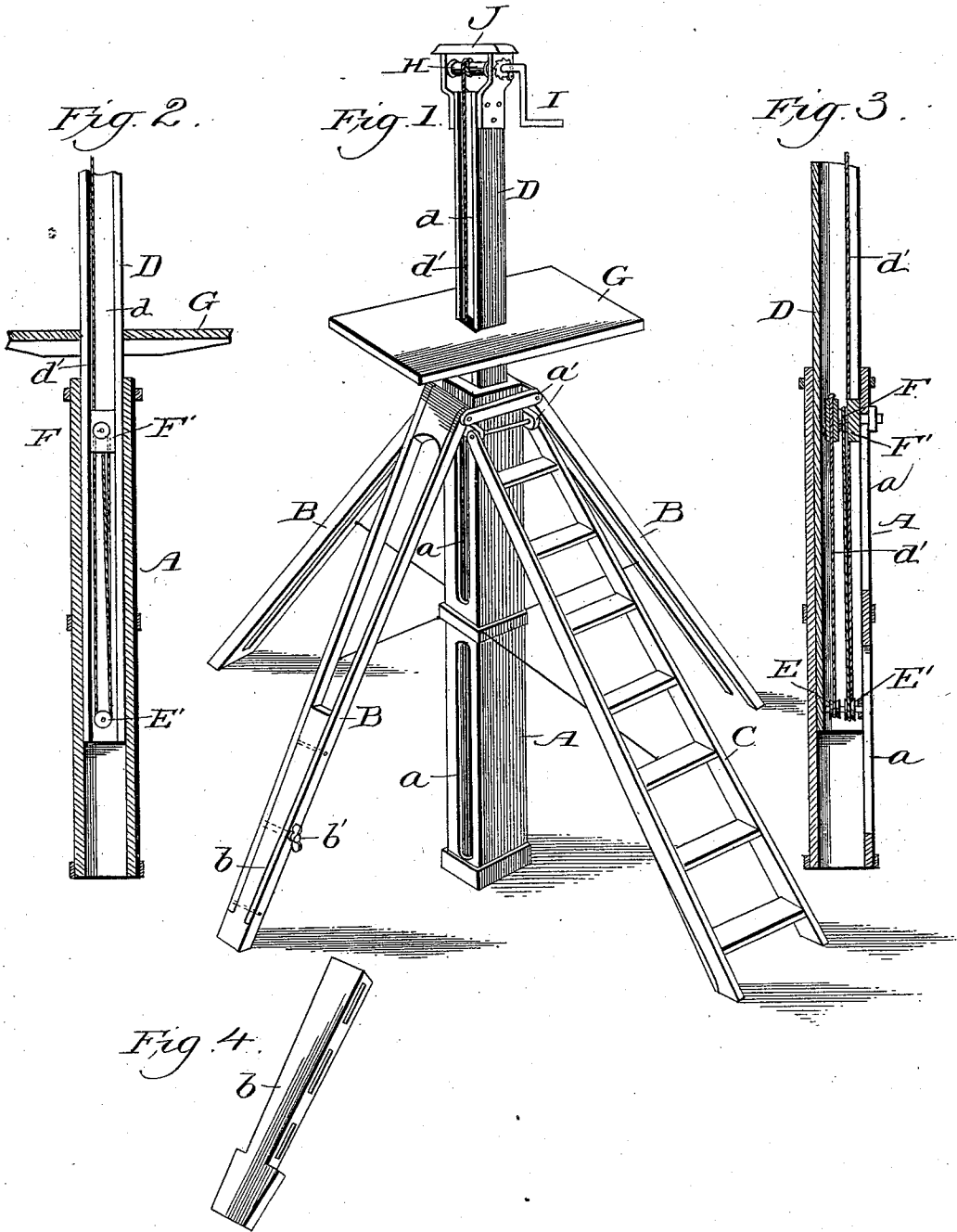


(No Model.)

G. W. CRUSON & J. A. DOBKINS.
ADJUSTABLE PLATFORM OR SCAFFOLD.

No. 533,056.

Patented Jan. 29, 1895.



Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE W. CRUSON AND JOHN A. DOBKINS, OF LEBANON, OREGON.

ADJUSTABLE PLATFORM OR SCAFFOLD.

SPECIFICATION forming part of Letters Patent No. 533,056, dated January 29, 1895.

Application filed October 9, 1894. Serial No. 525,418. (No model.)

To all whom it may concern:

Be it known that we, GEORGE W. CRUSON and JOHN A. DOBKINS, citizens of the United States, residing at Lebanon, in the county of Linn and State of Oregon, have invented certain new and useful Improvements in Adjustable Platforms or Scaffolds; and we 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.

Our invention relates to improvements in adjustable platforms or scaffolds, the object of the same being to provide a device of this character which is adapted for use for pruning trees, picking fruit, papering and painting houses, and in fact for any purpose where the raising and lowering of a platform on which the operator stands, is a desideratum. The invention consists in the construction of parts and arrangement of instrumentalities which will be hereinafter fully set forth and claimed.

In the drawings, which form a part of this specification, Figure 1 is a perspective view of the apparatus, set up and made for use. Fig. 2 is a front view of the upright hollow standard with its front side removed showing the vertical stem therein, in elevation. Fig. 3 is a vertical central section through the same showing the arrangements of the cord and pulleys. Fig. 4 is a detail view of an extensible leg of the ladder.

Referring to the drawings by letter A represents a hollow post or standard preferably made of wood, square in cross section, and having the opposite slots *a* in two of its sides, and lugs *a'* near the top thereof. This standard, in the adjusted position of the device, rests upon the ground and is supported and held vertical by means of the three legs B. B., and the short ladder C, removably connected to the lugs *a'* at the upper part of the standard A, by means of pins passed there-through, as clearly shown in the drawings. The two opposite legs B. B. of the device are provided with means whereby they may be lengthened or shortened to compensate for unevenness of the ground, or more particularly for the purpose of being able to support the device upon the side of a hill. This means consists of a longitudinally slotted foot

piece *b* adapted to be adjusted by means of a set screw *b'* at different points between the side bars of the legs B.

Fitting the hollow standard A and adapted to move therein is a solid stem D longitudinally grooved or cut away along one side as seen at *d*, for the reception of the cord *d'* and the sheaves or pulleys upon which the said cord works. Two of these pulleys E E' are mounted upon a single shaft at the lower end of the groove *d* as clearly shown in Fig. 3.

F is a third pulley mounted in a bracket F' which fits the groove *d* and the bracket is adjustably secured to the standard A by a set-screw or other means working in the slot *a*.

G represents a platform suitably secured to the stem D, upon which the workman or operator stands and at the upper end of the stem D is mounted in suitable brackets, the windlass H provided with a suitable crank or handle I, and suitable detent mechanism by which the same may be operated. Above this windlass H we provide a small cap or table J upon which may be placed a paint bucket, fruit basket, or any of the tools used by the operator. The cord *d'* is attached at one end to the bracket F', thence passes down around the pulley E, up around the pulley F, down around the pulley E', and up to the windlass H, when the other end is secured.

It will be seen that by turning the crank I and winding up the cord *d'* on the windlass H, the stem D carrying the platform G and the operator, will be elevated and the reverse operation will lower the same.

Our device is extremely simple of construction, can be cheaply made, and is convenient in all its details. The short ladder C is used by the operator in climbing up to the platform G. All the parts are easily detachable, and can be folded up in a neat and compact form for transportation.

We have described our invention in its preferred form, but it is evident that many minor changes may be made therein without departing from the nature or spirit of the invention or sacrificing any of its advantages.

Having now described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. An adjustable platform or scaffold, consisting of the combination of a hollow upright

standard, supported and held in its vertical position by three legs, and a short ladder all pivotally connected thereto, a solid stem carrying a platform adapted to move therein, 5 a windlass on said stem, and connections between said windlass and said standard, whereby the platform may be raised and lowered at will, substantially as described.

10 2. An adjustable platform or scaffold, consisting of the combination of a hollow upright standard having connected thereto a bracket carrying a sheave, supported and held in its vertical position by extensible legs and a short ladder, all pivotally connected thereto, a solid 15 stem carrying a platform adapted to move in said hollow standard, and having a longitudi-

nal groove along one side, in the lower part of which is mounted a pair of pulleys, a windlass on said stem and a cord attached at one end to said windlass passing over said pulleys 20 and attached at the other end to the said bracket, whereby the stem carrying the platform may be raised and lowered at will, substantially as described.

In testimony whereof we have signed this 25 specification in the presence of two subscribing witnesses.

GEORGE W. CRUSON.
JOHN A. DOBKINS.

Witnesses:

L. L. MULIT,
B. F. CRUSON.