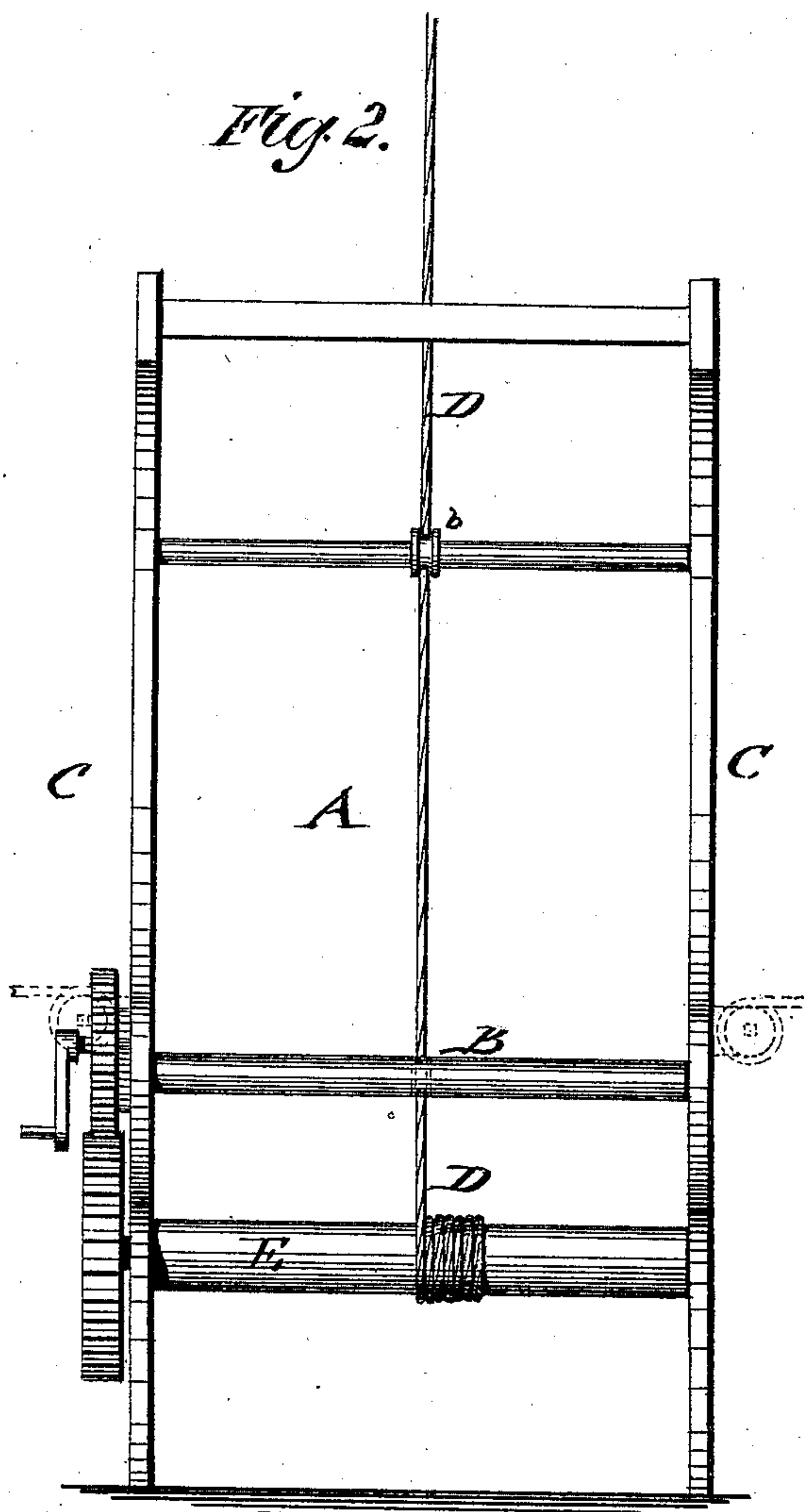
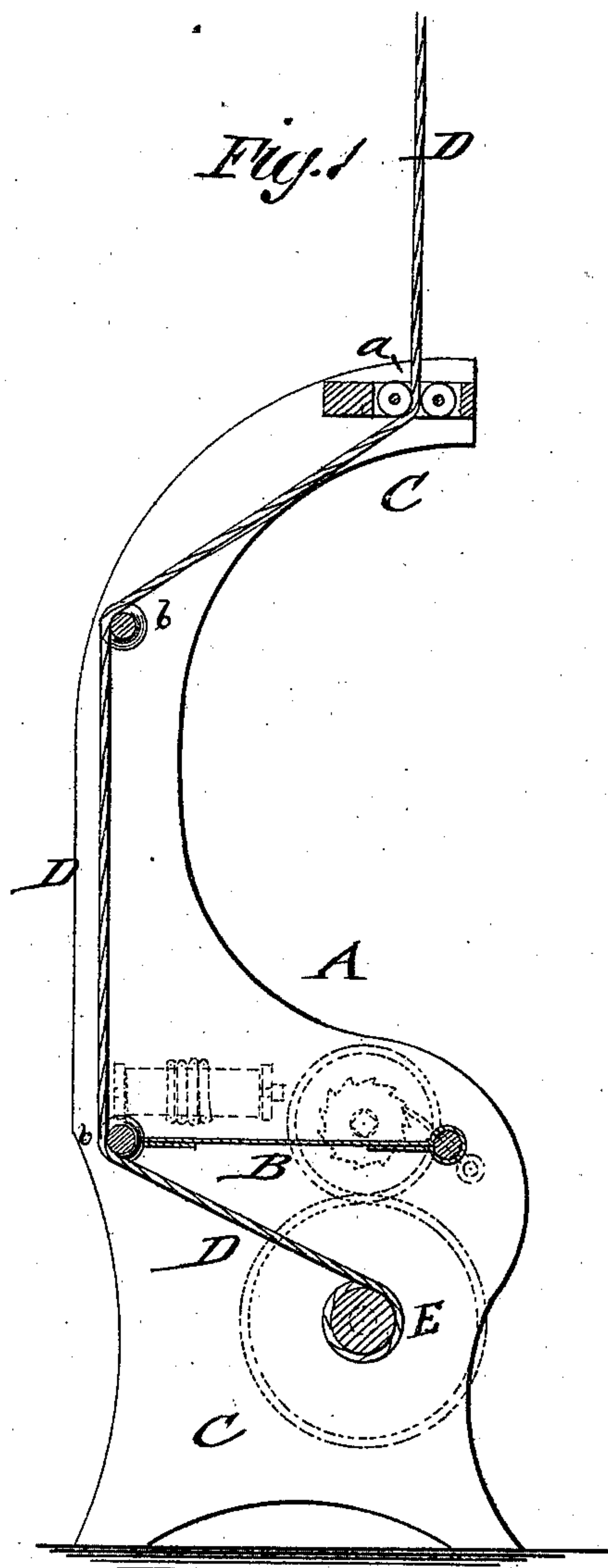


J. R. CROCKETT.
PAINTERS' SCAFFOLD CHAIR.

No. 177,477.

Patented May 16, 1876.



WITNESSES:

Francis McArdle,
John Goethals

INVENTOR:

J. R. Crockett
BY *Munn*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN R. CROCKETT, OF FLATONIA, TEXAS.

IMPROVEMENT IN PAINTERS' SCAFFOLD-CHAIRS.

Specification forming part of Letters Patent No. 177,477, dated May 16, 1876; application filed March 21, 1876.

To all whom it may concern:

Be it known that I, JOHN RICHARDSON CROCKETT, of Flatonia, in the county of Fayette and State of Texas, have invented a new and Improved Painter's Scaffold-Chair, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a sectional side elevation of my improved scaffold-chair for painters; and Fig. 2, a front view of the same.

Similar letters of reference indicate corresponding parts.

The object of my invention is to furnish for the use of house-painters and others an improved scaffold-chair that may be elevated and lowered at pleasure by the person sitting on the scaffold, and be moved sidewise to obtain a greater reach for the work.

The invention consists of a scaffold made in the shape of a chair, with mechanism to raise and lower by a suspension-rope that is carried over suitable friction-pulleys of the chair-frame.

In the drawing, A represents a painter's scaffold that is constructed in the shape of a chair, with a seat, B, foot-board, and side standards or boards C, which extend from the lower part upward, and curve forward at the top part to guide the suspension-rope D. The rope D is secured to the roof of the building and passed between central friction-rollers *a* at the top cross-piece of the chair, and over friction-rollers *b* at the rear part of the scaffold to a windlass, E, located vertically below the top rollers. The rope is wound up on the windlass by suitable cog-wheel and crank mechanism at the outside of the standards C. The painter sits on the scaffold-chair and

raises and lowers himself along the rope by turning the crank and gear wheels and winding or unwinding the rope. A ratchet and pawl mechanism locks the gear-wheels as soon as the turning of the crank is interrupted. The foot-board may be constructed to act as a brake, so that by releasing the pawl the operator may lower himself in quicker manner than by turning the crank. The scaffold-chair may also be swung some distance from its vertical position by means of ropes passing over suitable windlass-rollers to each side of the house, so as to give the operator a larger reach and admit quicker accomplishing of the work. The scaffold-chair is securely suspended and evenly balanced on the ropes, and furnishes a secure and reliable support for the operator with the facility of adjusting himself readily to the progress of his work.

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

1. The combination of a scaffold-chair with hoisting and lowering windlass mechanism, and suspension-ropes, guided on rear, top, and side pulleys, all arranged substantially in the manner and for the purpose set forth.

2. A scaffold-chair for painters' use, which is hoisted or lowered by suitable windlass mechanism placed below the seat on a suspension-rope passing over rear and top guide-pulleys to keep the chair in balanced position, substantially as described.

J. R. CROCKETT.

Witnesses:

J. M. HARRISON,
C. J. LANE.