L. PARK.

SCAFFOLD.

No. 185,956. Patented Jan. 2, 1877.

Fig. 1

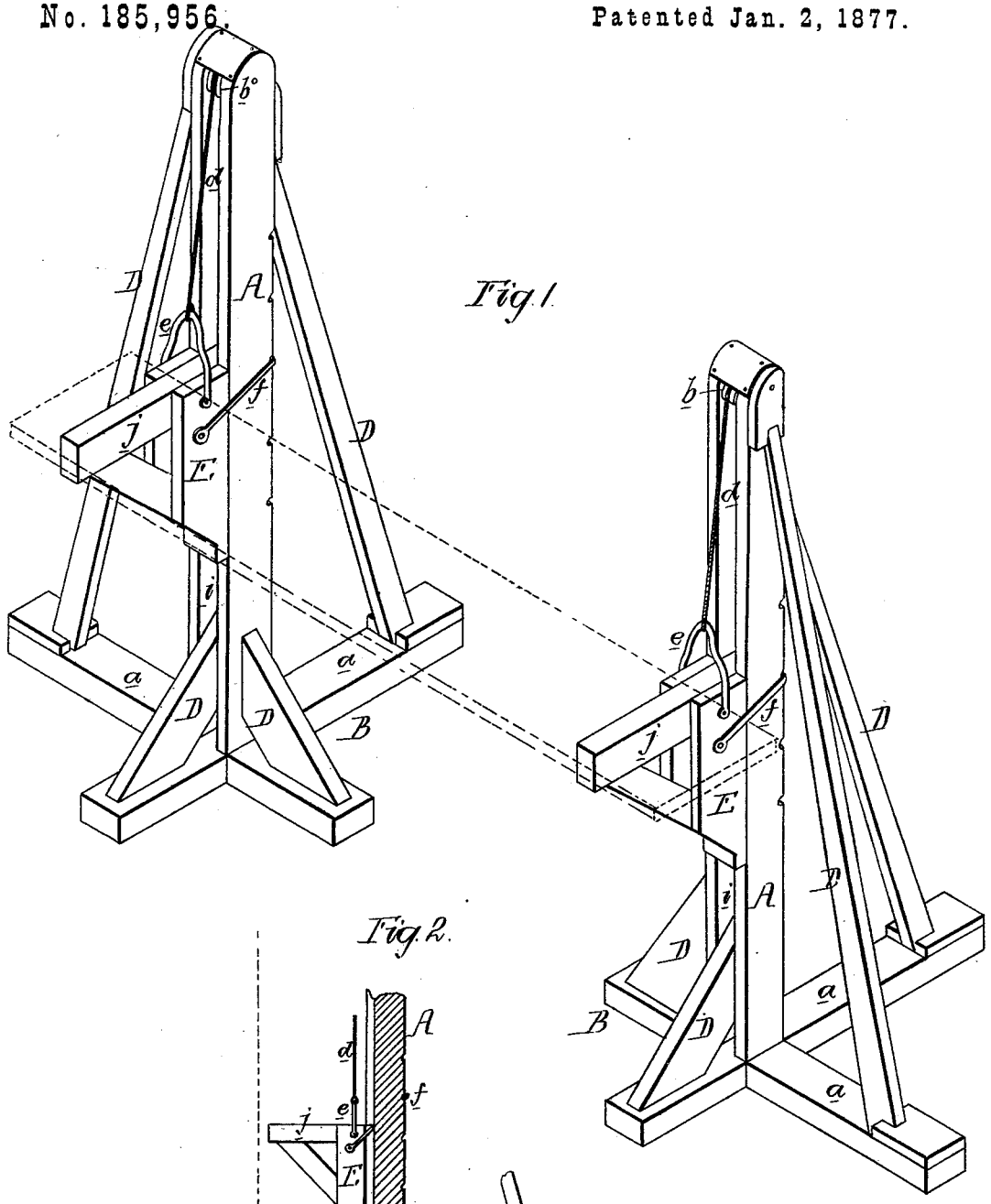
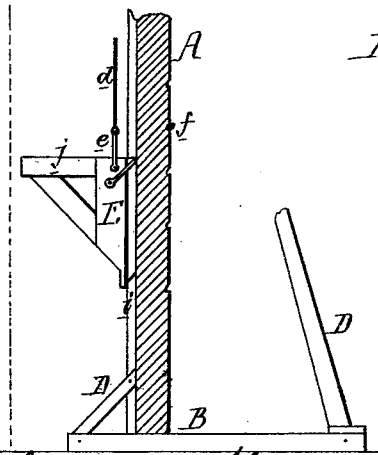


Fig. 2.



Witnesses } Hermann Moessner
Harry Smith

Levi Parks
by his Attorneys
Howson and Sons

UNITED STATES PATENT OFFICE.

LEVI PARK, OF ROME CITY, INDIANA, ASSIGNOR OF ONE-HALF OF HIS RIGHT TO ABRAHAM P. GERBER, OF SAME PLACE.

IMPROVEMENT IN SCAFFOLDS.

Specification forming part of Letters Patent No. **185,956**, dated January 2, 1877; application filed December 7, 1876.

To all whom it may concern:

Be it known that I, LEVI PARK, of Rome City, Noble county, Indiana, have invented an Improvement in Scaffolds, of which the following is a specification:

The object of my invention is to construct a strong, self-supporting, and readily-adjustable scaffold for the use of painters, carpenters, builders, &c.—an object which I attain in the following manner, reference being had to the accompanying drawing, in which—

Figure 1 is a perspective view of my improved scaffold, and Fig. 2 a vertical section of part of the same.

The frame of the scaffold consists, preferably, of two posts, A, each secured at the bottom to a base, B, composed of strips *a*, arranged at right angles to each other. Each post A is suitably braced by strips D, so that it is strong and self-supporting, and each post carries, at or near the top, a roller, *b*, over which passes a cord or rope, *d*, one end of the latter being attached to a yoke, *e*, hung to a sliding frame, E, while its opposite end is fastened to a suitable cleat conveniently placed. The frame E has a strap, *f*, embracing the post A, the strap being arranged to fit one of a number of notches formed in the outside of the post, in the inner face of which—that is, the face next the wall to be operated on—is formed a longitudinal recess, *i*, to which is adapted a rib on the sliding frame E. The frame E is provided with projecting arms *j*, on which rests one end of the board or platform for the operatives, this platform being shown by dotted lines in Fig. 1. Pressure upon this platform is communicated to the frames E, and the straps *f*, acting as radius-bars and assuming an inclined position, cause the frames to bind tightly against the posts, so that the greater the weight on the platform the more firmly will the frames be bound to the posts, the ropes *d* being relieved from all strains, and being used merely to hoist or lower the platform.

As the posts A are well braced and self-supporting, and as the frames E are held closely to the posts by the straps *f*, and are prevented from moving laterally by their ribs and the slots in the posts, the whole structure must necessarily be steady, and owing to the fact that the posts do not require bracing from the wall adjoining which the scaffold is erected, they can be placed very closely to the same, so that the operatives can work to better advantage than when they are at a distance from the wall, or when the supporting-frames are between them and the work.

I claim as my invention—

The combination of the post A, the pulley *b*, and hoisting-rope *d* with the frame E, having a strap for embracing the post, and a rib adapted to a recess, *i*, in the same, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LEVI PARK.

Witnesses:

EDW. H. FISHER,

FORDIS U. MILLER.