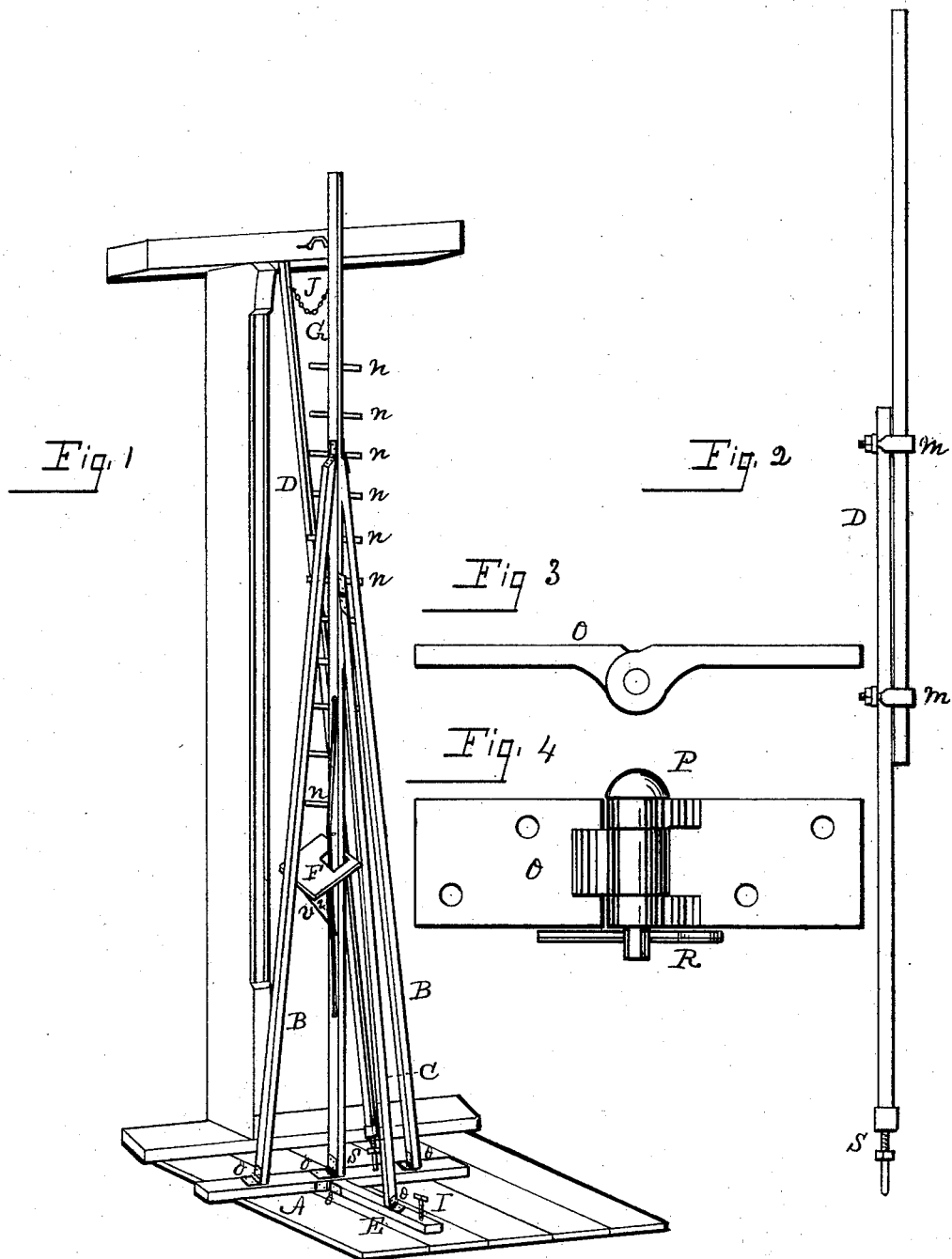


(No Model.)

J. L. CLEVINGER.
SCAFFOLDING.

No. 302,240.

Patented July 22, 1884.



WITNESSES:

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INVENTOR

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UNITED STATES PATENT OFFICE.

JOHN L. CLEVINGER, OF DAYTON, OHIO.

SCAFFOLDING.

SPECIFICATION forming part of Letters Patent No. 302,240, dated July 22, 1884.

Application filed May 12, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOHN L. CLEVINGER, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented a certain new and useful Improvement in Scaffolding; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it ap-
10 pertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in scaffolding adapted to supporting drills in the drilling of iron columns and caps used in building; and it consists of a jointed scaffold with appliances to attach the same to the pavement and structure. The object is a portable scaffold, which shall be readily erected for the purpose. I attain the object by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a perspective of the scaffold; Fig. 2, the platform-strut; Fig. 3, side view of the hinge; Fig. 4, top view of same.

In Fig. 1 the scaffold is shown as erected for use in its relation to a building and pavement. The scaffold is composed of a number of scantlings jointed together for the frame-work, and an independent adjustable strut of two pieces, which is connected to the standard by chain J. A and E form the base. The latter is jointed to near the center of the former, and in use the relative position of the two is that of a right angle. At the center of the part A is hinged the standard G, and near the ends of the same are hinged the braces B B. the upper ends of the same being hinged to said standard. These form the lateral braces. The lower end of the rear brace, C, is hinged to part E, and the upper end is hinged to the standard. This braces in the direction of the building. The standard is provided with
45 strut-rods to stiffen the same, and a series of slats, *n*, are attached to the same, to serve as a

ladder for the workmen to stand upon. A platform, F, is provided for the same purpose. The same embraces the standard, and is held in position by stays *v*, whose ends drop into notches in the side of the standard, or are held by a bolt. When the base is set in proper position, the strut D is placed on base A and adjusted by the clamps *m m*, to bear against the under side of the cap, and by means of the screw S it is made to bear very snugly against the two surfaces, thereby holding the base firmly in position. To adjust the position of the top of the standard, the screw I in base-piece is used. This bears against the surface beneath, and the adjustment is thereby readily effected.

Figs. 3 and 4 exhibit an enlarged view of the hinge which forms the several joints. The pin P is nicely fitted to avoid play in the joints, and when in position is held by the wire key R.

The use of the scaffold from the previous description will be readily understood, the drill having a bearing against the standard as the same is operated.

In taking down the scaffold, the preferable way is to first remove the independent strut, remove the pins at lower end of side braces—first removing the platform—and fold these against the standard, which likewise detaches from the base, fold the base-pieces together, and the parts are in shape for transportation.

Having fully described my invention, what I desire to secure by Letters Patent is—

The portable scaffolding, jointed as specified, consisting of base parts A E, side braces, B, end brace, C, and standard G, combined and arranged with reference to the independent adjustable strut D, substantially as set forth.

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

JOHN L. CLEVINGER.

Witnesses:

B. PICKERING,
SUMNER T. SMITH.