

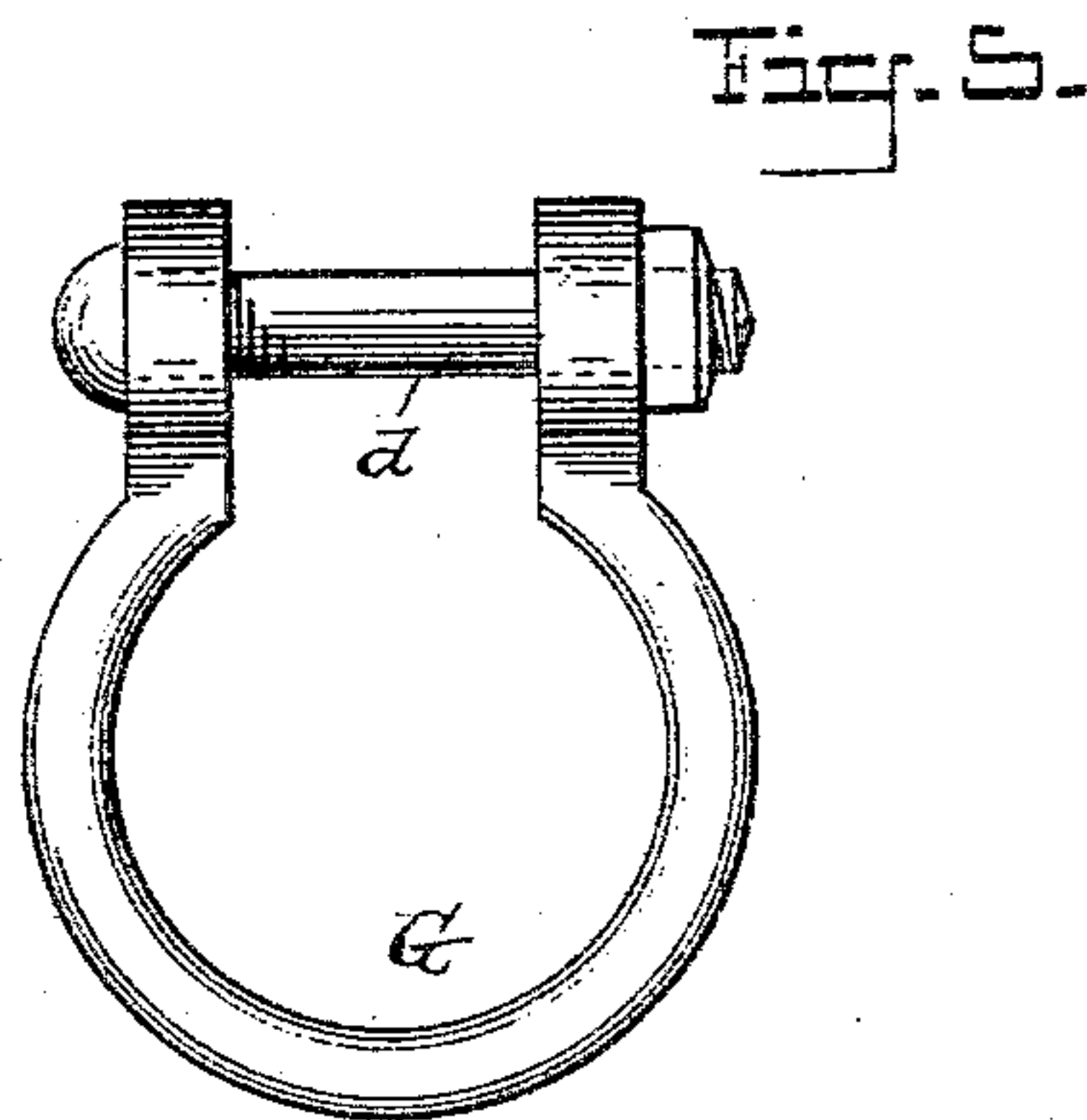
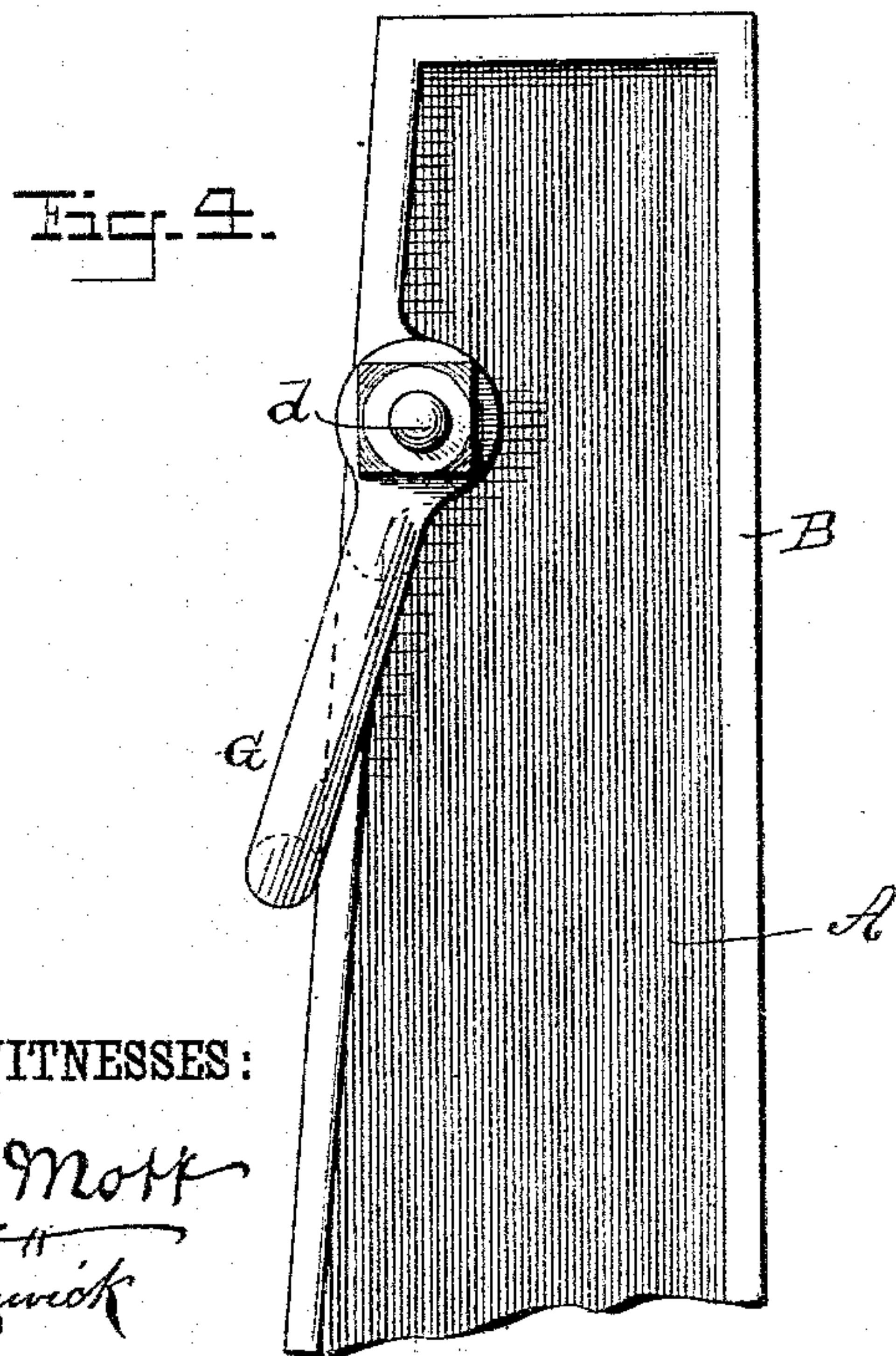
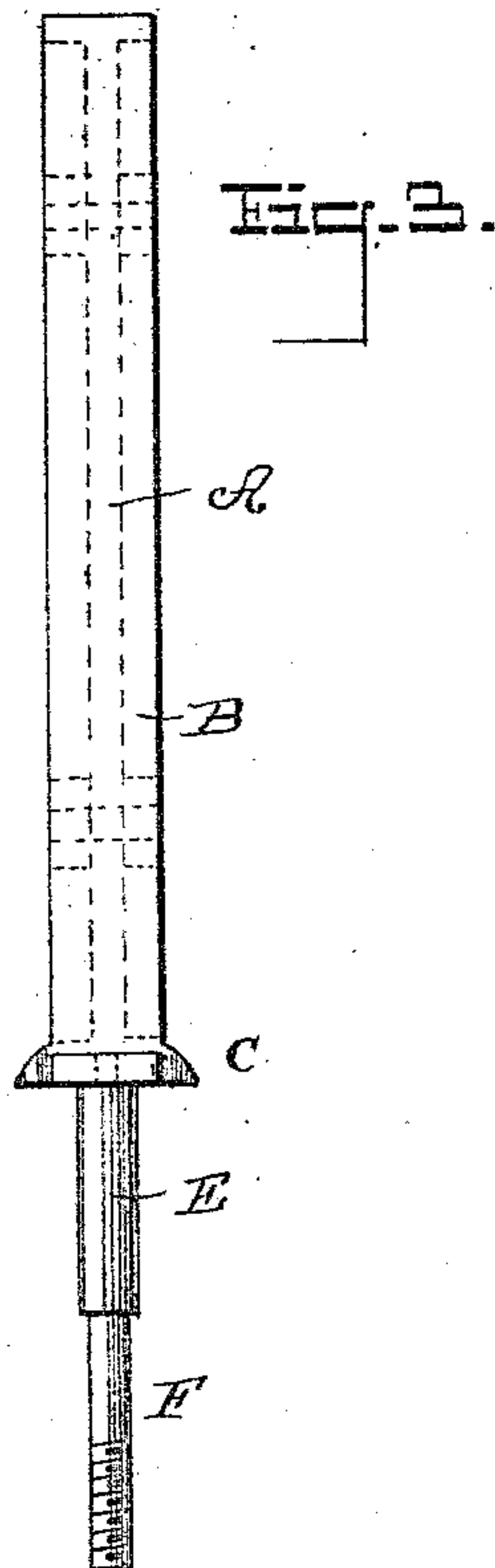
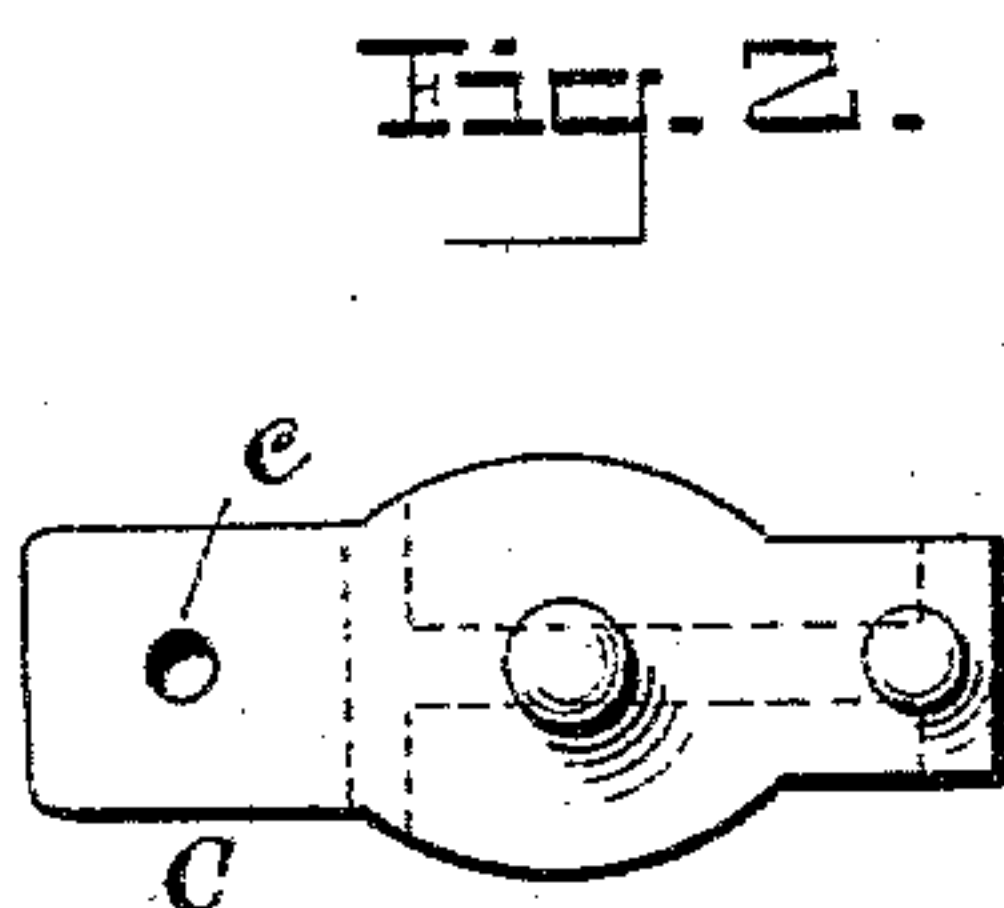
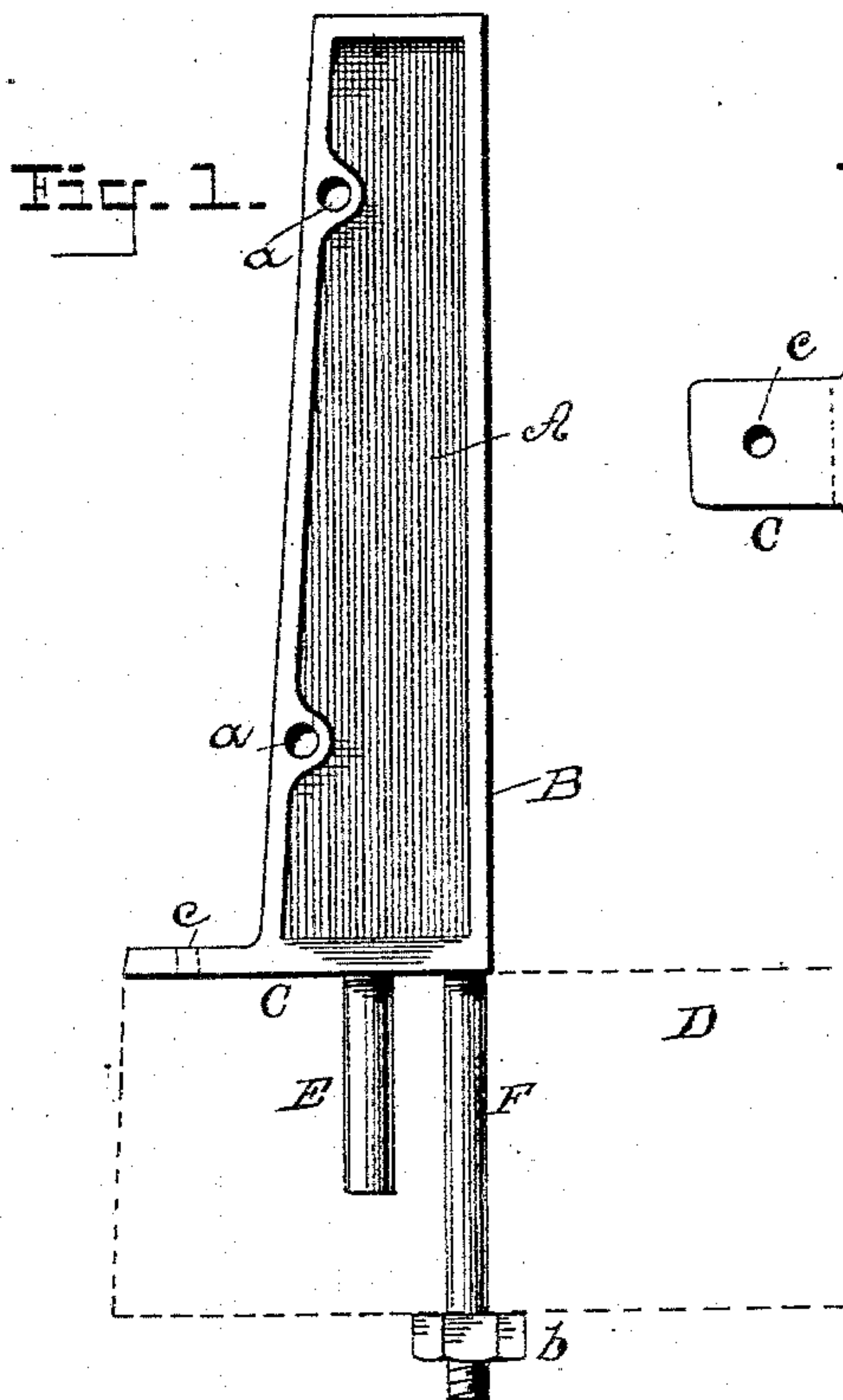
(No Model.)

J. H. CONOVER & D. S. BRINK.

WAGON STAKE.

No. 356,927.

Patented Feb. 1, 1887.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JACOB H. CONOVER AND DAVID S. BRINK, OF SPRINGBOROUGH, PA.

WAGON-STAKE.

SPECIFICATION forming part of Letters Patent No. 356,927, dated February 1, 1887.

Application filed October 12, 1886. Serial No. 216,027. (No model.)

To all whom it may concern:

Be it known that we, JACOB H. CONOVER and DAVID S. BRINK, of Springborough, in the county of Crawford and State of Pennsylvania, have invented a new and Improved Wagon-Stake, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

10 Figure 1 is a side elevation of our improved wagon-stake. Fig. 2 is an inverted plan view. Fig. 3 is a front elevation. Fig. 4 is an enlarged partial side elevation, and Fig. 5 is a side elevation of the stake-ring.

15 Similar letters of reference indicate corresponding parts in all the views.

The object of our invention is to provide a stake for wagons, formed entirely of metal, which will be stronger, cheaper, more durable, 20 and easier replaced in case of breaking than any other styles of stake, and one that leaves the bolster stronger and gives the wagon a better appearance.

25 Our invention consists in the construction and arrangement of parts, as will be hereinafter fully described and claimed.

The tapering body A of the stake consists of a flat web of iron surrounded by a flange, B, thickened at two or more points along the 30 outer edge of the stake, and provided with holes a, for receiving the bolt or rivet by which an annular clevis is pivoted to the stake. The flange B at the bottom of the stake is widened and prolonged beyond the outer edge of the stake, forming a foot, C, which rests upon the 35 bolster D of the wagon.

A steady-pin, E, projects from the foot of the stake at right angles, at a point about op-

posite the center of the base of the stake, and from the foot of the stake, near the inner edge 40 thereof, a bolt, F, projects at right angles with the foot, and is provided with a nut, b, for binding the stake to the bolster.

In addition to the insertion of the steady-pin E and the bolt F in the bolster, a bolt or 45 screw is inserted in the hole c in the foot of the stake and screwed into or through the bolster.

An annular clevis, G, is pivotally secured to the stake by a bolt or rivet, d, passing 50 through one of the holes a, as shown in Fig. 4.

Our improved stake may be made of a good quality of cast-iron, or of cast-iron malleablized, and the steady-pin E and bolt F may be 55 formed integrally with the stake, or they may be secured to the stake by casting the metal around them, or by threading them and screwing them into threaded holes made in the stake.

Having thus fully described our invention, 60 we claim as new and desire to secure by Letters Patent—

As an improved article of manufacture, the cast-iron wagon-stake A, formed with the flange C projecting beyond the outer edge of the 65 stake, and having a bolt-aperture, c, the steady-pin E in line with the longitudinal vertical axis of the stake, and the bolt F in line with the inner vertical edge of the stake, substantially as set forth.

JACOB H. CONOVER.
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Witnesses:

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