

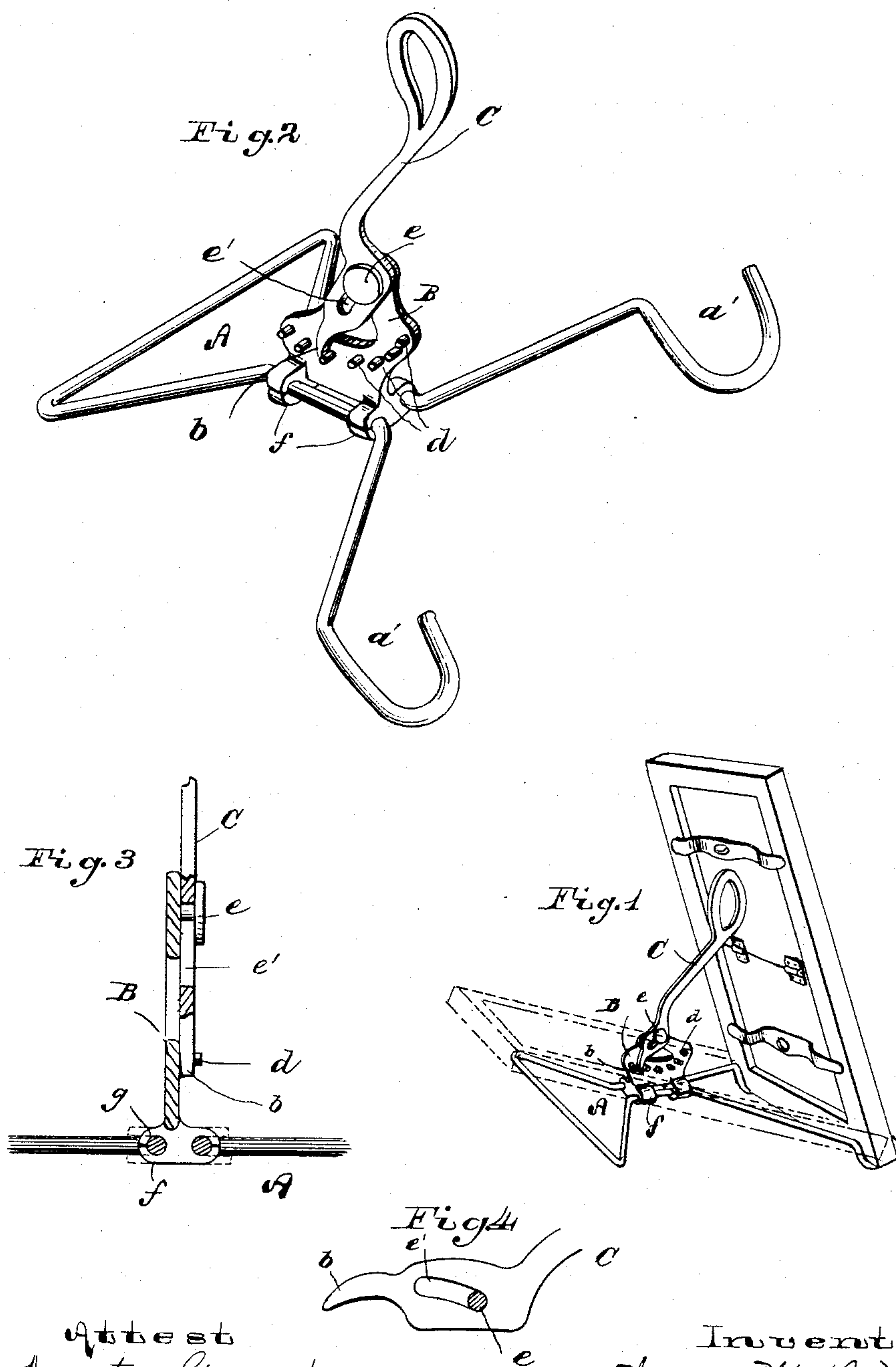
(No Model.)

W. M. DE VOE.

PHOTOGRAPHIC PRINTING FRAME STAND.

No. 340,987.

Patented May 4, 1886.



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UNITED STATES PATENT OFFICE.

WESLEY M. DE VOE, OF SPRINGFIELD, OHIO.

PHOTOGRAPHIC-PRINTING-FRAME STAND.

SPECIFICATION forming part of Letters Patent No. 340,987, dated May 4, 1886.

Application filed July 9, 1885. Serial No. 171,137. (No model.)

To all whom it may concern:

Be it known that I, WESLEY M. DE VOE, a citizen of the United States, residing at Springfield, in the county of Clark and State of Ohio, have invented certain new and useful Improvements in Photographic-Printing-Frame
5 Stands, of which the following is a specification.

My invention relates to an adjustable stand particularly adapted for supporting photographic-printing frames, it being also adapted for other purposes, as supporting mirrors, pictures, books, &c.

The object of the invention is to provide a stand whereby the object supported therein
15 may be held at any desired angle. For photographic-printing frames this is very desirable, in order that the negatives in the frames may be presented squarely to the rays of the sun.

The invention consists in the combinations and constructions set forth in the accompanying drawings, in which—

Figure 1 is a perspective view of one of my improved stands with a frame shown therein.
25 Fig. 2 is a perspective view of the same with the frame removed. Fig. 3 is a sectional view of a portion of the lower part of the stand, showing the method of putting the same together; and Fig. 4 is a detailed view of the
30 lower end of the supporting-lever, showing the slot therein.

The lower part or base of the stand is composed of a single piece of wire, A, doubled and bent as shown, and having the two ends thereof turned up to form retaining-hooks *a' a'*.
35 The base A is secured to the lower side of a plate, B, to which is pivoted the supporting-lever C. The lower end of the lever C is extended in the form of a slightly-curved finger
40 or projection, *b*, adapted to engage with the respective lugs *d*, arranged in a series on the plate B. The lever is secured to the plate B by a pivot, *e*, which passes through a slotted hole, *e'*, in said lever. By reason of this slotted
45 hole the lever C is capable of a longitudinal movement, which permits the extended finger *b* to be withdrawn or inserted between any of the lugs *d* in the series, and thus adjust the lever to any desired angle.

50 The slotted hole *e'* is formed at an angle to the finger *b*, and is preferably slightly curved,

so that any pressure on the upper end of the lever has a tendency to force the finger *b* into deeper engagement with the lugs *d*.

The plate B is preferably cast of malleable iron or brass, and is provided at the bottom with lugs or bosses *f*, into which the wires of the base A are secured. These bosses *f* are cast with bifurcated extensions on each side thereof, as indicated in dotted line, Fig. 3, forming open-
55 ings *g*, adapted to receive the wires of base A. After the base-wires are inserted in said openings the extensions are riveted down, as shown in full lines, Fig. 3, thus firmly holding the base-wires therein. The wires are then preferably
60 65 soldered, in order to make them doubly rigid, although the soldering may be dispensed with, if desired.

The device, it will be seen, is very simple, neat, and inexpensive. The frame or other
70 article to be supported thereby is held at the bottom by the retaining-hooks *a' a'*, with the upper part resting against the supporting-lever C. By changing the angular position of the lever the frame can be placed at any de-
75 sired angle.

For supporting photographic - printing frames the device is particularly useful and effective.

Having described my invention, I claim— 80

1. The combination, with the wire base having retaining-hooks therein, of the supporting-plate attached to said base, and provided with a series of lugs or projections thereon, and an adjustable pivoted supporting-lever adapted
85 to engage the different lugs or projections to change its angular position, substantially as specified.

2. The combination, with the base formed of a single piece of wire, the ends of which
90 are bent to form retaining-hooks, the plate attached thereto, and provided with a series of lugs or projections thereon, of the pivoted supporting-lever having the curved projecting finger and the angular slotted opening,
95 substantially as set forth.

3. The combination, with the wire base, of the plate having an adjustable pivoted lever, and provided with the bifurcated lugs or bosses adapted to receive the wires of the base, and
100 to be riveted down to retain those wires, substantially as specified.

4. The combination of the base formed of a single piece of wire having hooks *a' a'* in the respective ends thereof, the plate B, having lugs or projections *d*, lever C, pivot *e*, slotted opening *e'*, and extending finger *b*, substantially as set forth.

5. The combination, with the wire base having the retaining-hooks, of the plate B and

the adjustable supporting-lever pivoted to said plate, substantially as specified. 10

In testimony whereof I have hereunto set my hand this 6th day of June, A. D. 1885.

WESLEY M. DE VOE.

Witnesses:

PAUL A. STALEY,
CHASE STEWART.