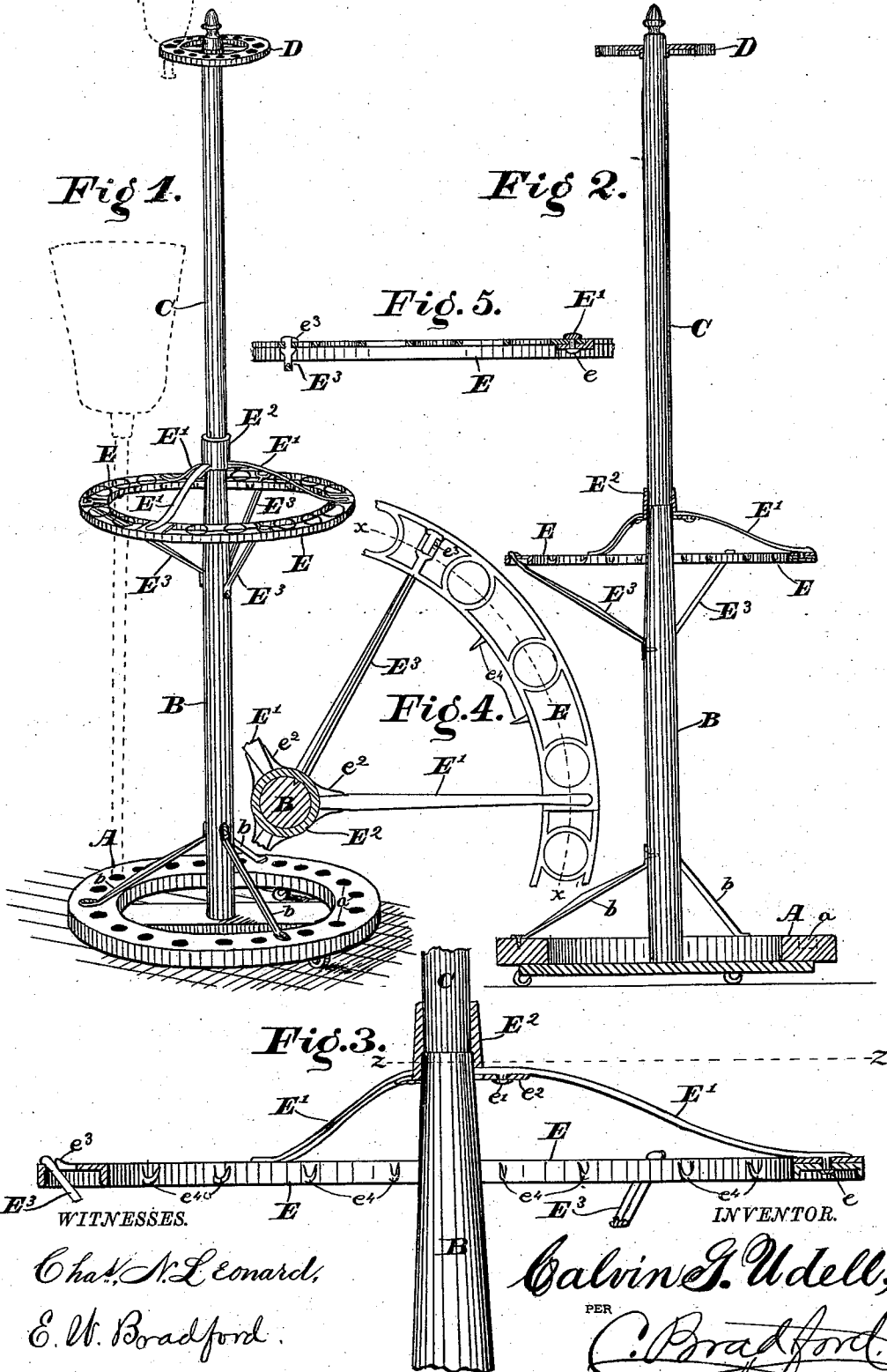


(No Model.)

C. G. UDELL.
SHOW STAND.

No. 290,371.

Patented Dec. 18, 1883.



UNITED STATES PATENT OFFICE.

CALVIN G. UDELL, OF NORTH INDIANAPOLIS, INDIANA.

SHOW-STAND.

SPECIFICATION forming part of Letters Patent No. 290,371, dated December 18, 1883.

Application filed January 17, 1883. (No model.)

To all whom it may concern:

Be it known that I, CALVIN G. UDELL, of the town of North Indianapolis, county of Marion, and State of Indiana, have invented certain new and useful Improvements in Show-Stands, of which the following is a specification.

The object of my said invention is to produce a light, strong, and inexpensive stand upon which dealers may conveniently display brooms and such like articles. This object is accomplished by forming a combined wood and iron structure, as will be hereinafter more particularly described.

Referring to the accompanying drawings, which are made a part thereof, and on which similar letters of reference indicate similar parts, Figure 1 is a perspective view of a stand embodying my said invention; Fig. 2, a central vertical section of the same; Fig. 3, a view similar to a portion of Fig. 2, on an enlarged scale; Fig. 4, a horizontal sectional view, looking downwardly from the dotted line *z z* in Fig. 3; and Fig 5, a vertical sectional view, looking outwardly from the dotted line *x x* in Fig. 4.

In said drawings, the portions marked A represent the base of the stand; B C, the standard; D, the upper ring upon which articles are to be hung for the purposes of display, and E the main ring for that purpose.

The base A is a circular wooden base of ordinary construction, having a cross-bar, upon which the standard portion B is mounted. It has holes *a* bored partially through it, in which the ends of the handles of the articles placed in the stand may rest, as shown by the dotted lines in Fig. 1. The stand is preferably mounted on casters, which are attached to the under side of this base.

The standard is composed of the two parts B C. The lower part, B, is mounted upon the cross-bar of the base, and is further secured to said base by braces *b*. Upon its upper end is mounted the hub *E*² of the main ring E. The upper portion, C, is mounted in the hub *E*², which serves to support it and connect it to the lower portion, B.

The upper ring, D, is preferably a plain one-piece cast-metal ring fitted to be placed upon

the upper end of and be supported by the standard portion C. This ring has holes therein, through which the handles of articles to be displayed on the stand may be inserted.

The ring E is preferably composed of three sections, which meet and lap at the points where the arms *E*¹ are joined thereto, and are secured together by the same rivets, *e*, by which they are connected to said arms. The arms *E*¹ are suitably fitted to the hub *E*², preferably entering openings therein, and are secured thereto by rivets *e*¹; these arms, as well as the other metal portions of this device, being usually of malleable iron. The rivets *e* and *e*¹ are preferably cast integrally with said arms, thus avoiding the expense of separate rivets. The hub *E*² is cast in suitable form to receive the standard portion B from below and the standard portion C from above, the hole therein being preferably larger in one portion than the other, as shown most plainly in Fig. 3. It has short arms *e*² extending therefrom, to which the arms *E*¹ are secured. The braces *E*³ enter slots formed to receive them in the ring E, and are secured by ordinary screws or nails to the standard portion B. The upper ends of these braces are widened and notched, (see specially Fig. 5,) and are secured to the ring by being first inserted in the slots and then turned one-fourth round, so that the notches will engage on the sides of the portions in which the slots are formed, and thus interlock therewith. When pushed back to the position which they occupy when screwed to the standard portion B, they bear against a lug, *e*³, on the ring E, and thus hold said ring rigidly. Upon the ring E are hooks *e*⁴, upon which small articles—such as whisk brooms, &c.—may be hung.

The device as a whole forms a convenient and attractive stand, upon which grocers and other dealers may advantageously display brooms, mops, brushes, and such like articles. The construction described—consisting of a few wood parts, all of which may be made by machinery, and a few metal parts, which may be cast in exactly the form required for use, thus avoiding the usual labor of fitting—is inexpensive to manufacture and light and convenient to handle. The metal parts, being preferably

malleable, are not easily broken, and the device is thus rendered strong and durable.

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

1. In a show-stand, the combination of the base, the standard, the sectional ring E, the arms E', and the hub E², said ring and said hub being connected by said arms and secured thereto by rivets, substantially as described, and for the purposes specified.

2. In a display-stand, the combination of the base, the standard, the ring E, having arms E' and a hub, E², and the braces E³, said braces being constructed, as shown, to interlock with said ring, and thus be secured thereto, substantially as set forth.

3. The combination of the hub E², having ears e², the arms E', having rivets e and e', and the ring E, said parts being secured together by said rivets, substantially as set forth.

4. The combination of the ring E, arms E', and hub E², said ring being composed of lapping sections and secured together by the same rivets by which said arms are secured thereto, substantially as set forth.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 10th day of January, A. D. 1883.

CALVIN G. UDELL. [L. S.]

Witnesses:

C. BRADFORD,

E. W. BRADFORD.