

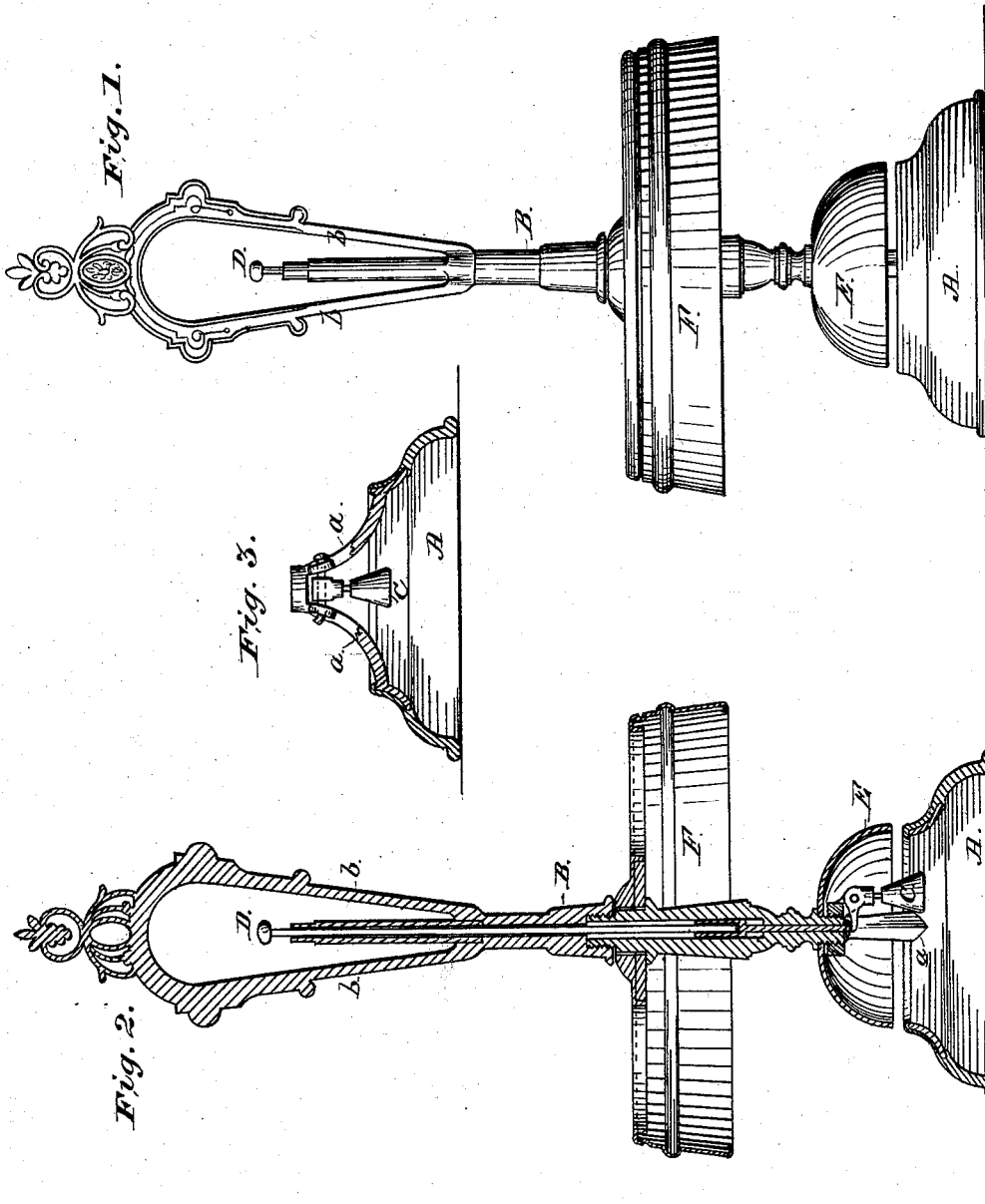
(No Model.)

E. A. PARKER.

CASTER FRAME.

No. 261,751.

Patented July 25, 1882.



WITNESSES

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CASTER-FRAME.

SPECIFICATION forming part of Letters Patent No. 261,751, dated July 25, 1882.

Application filed June 27, 1882. (No model.)

To all whom it may concern :

Be it known that I, EDMUND A. PARKER, a citizen of the United States, residing at Meriden, in the county of New Haven and State of Connecticut, have invented new and useful Improvements in Caster-Frames, of which the following is a specification.

My invention relates to certain new and useful improvements in caster-stands.

It has for its object a stand provided with a call-bell so arranged that it forms a part of the design of the base; and with this object in view my invention consists in the special construction and arrangement hereinafter more fully described and specifically claimed.

In order that those skilled in the art to which my invention appertains may know how to make and use the same, I will proceed to describe its construction and operation, referring by letters to the accompanying drawings, in which—

Figure 1 is a side elevation of a caster-stand embodying my invention. Fig. 2 is a central vertical section taken at the line X X of Fig. 1, and Fig. 3 a detail sectional view of the base proper.

Similar letters indicate like parts in all the figures.

A is the extreme base of the frame, which may be made in one piece, having radial upwardly-converging arms *a* joined at the top, forming a circular bearing to receive the vertical standard or post B, the bottom end of which is preferably screwed into the same.

Instead of making this part A in one piece, as described, it may be made of more than one piece, covered or joined by spun rings of metal, as shown in the drawings, so that the inner portion, having the arms *a*, may be made of cast metal.

The arms *a* are provided with suitable ears to form bearings for a vibratory bell-clapper, C, which is arranged in place like an ordinary call-bell and adapted to be operated by a touch-rod, D, located centrally in the standard B, and adapted to be lifted to its normal position by the weight of the clapper or by any suitably-arranged spring.

E is a bell arranged immediately on top of the arms *a*, to form a continuance of base the design, and is held in place by an annular flange on the standard B when the latter is screwed to its place, as more clearly shown in Fig. 2.

The standard is preferably made in two

parts, the lower part being formed with a collar, upon which the revolving frame F rests and upon which it is free to rotate.

The upper portion of the standard is secured to the lower section by a screw-thread, as clearly shown at Fig. 2, and both are provided with central vertical channel for the reception of the touch-rod D, which may be continuous or made in two parts, as shown.

The upper portion of the standard B is extended laterally, as shown at *b b*, to form any desired design, while the touch-rod D remains central.

A guide for the touch-rod may be arranged centrally between the lateral extensions *b* when the portion of the standard between such extensions and the revolving frame F is not sufficiently long for the purpose.

The arrangement of the bell and extreme base portion A is such that the base of the bell is held out of contact with the part A, so that the vibrations of the bell are not interfered with, as clearly shown in both figures.

I do not wish to be confined to the contour of base shown in the drawings, as any other design may be employed with which the shape of the bell would harmonize.

I am aware that it is not broadly new to arrange a call-bell with a caster-frame, as they have been arranged underneath or within the base of the caster; but in all such constructions it is necessary either that the base should be supported upon felt or otherwise made open to permit the escape of the sound of the bell; and I am not aware that it has ever before been proposed to utilize the bell as a part or continuation of the visible portion of the base.

I have shown my invention as applied to a revolving caster; but of course it may be applied to all other kinds or designs of casters.

What I claim as new, and desire to secure by Letters Patent, is—

A caster-frame having its base composed of a rest portion, A, and bell E, arranged to form a continuous design, in combination with a central standard, touch-rod, and bell-clapper, as and for the purposes set forth.

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

EDMUND A. PARKER.

Witnesses:

LEWIS R. STEGMAN,
ALFRED HODGES.