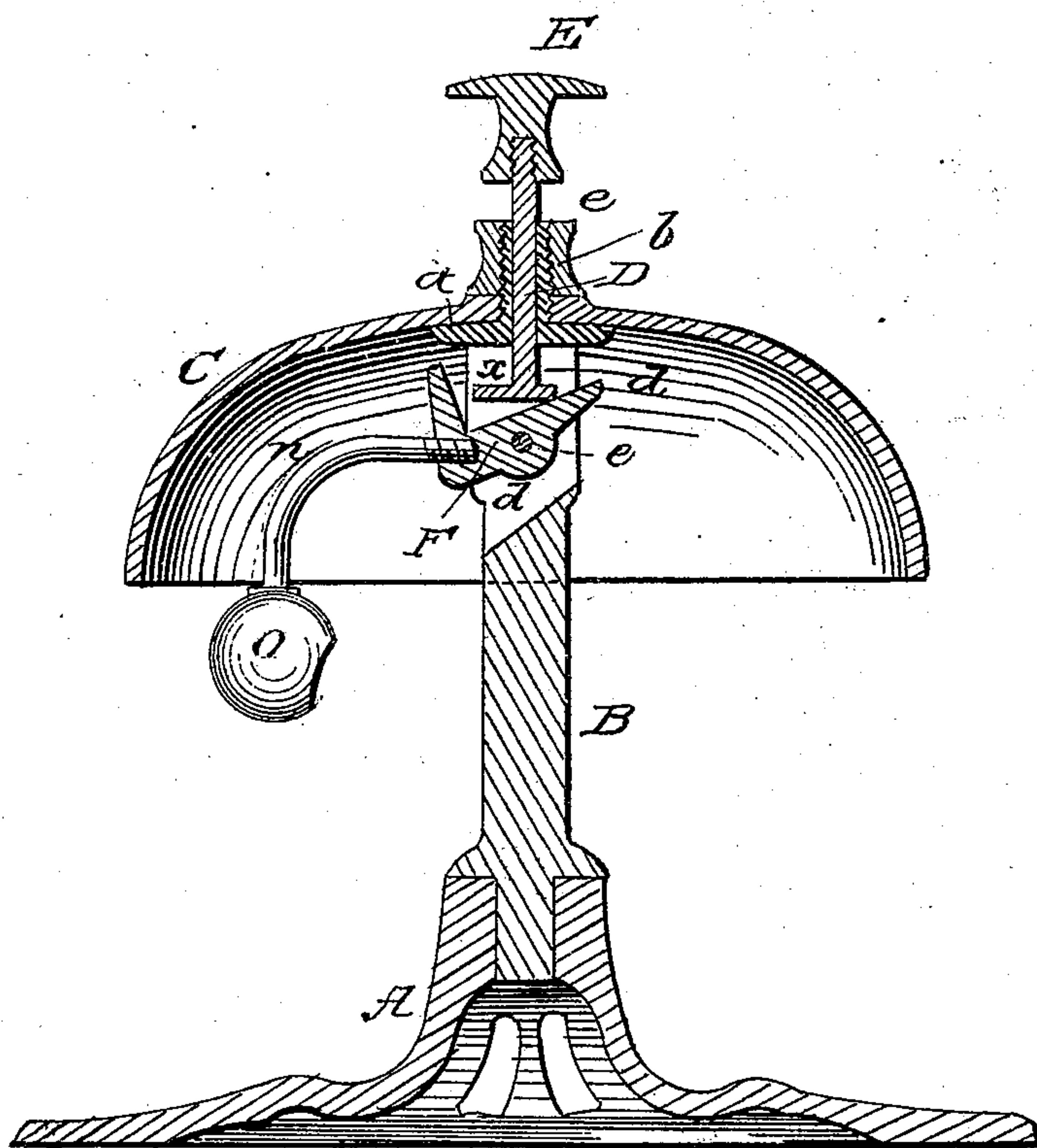


E. PARKER.

Call Bell.

No. 42,107.

Patented March 29, 1864.



Witnesses
A. Harris
J. W. Bliss

Inventor
E. Parker

UNITED STATES PATENT OFFICE.

EMERY PARKER, OF WEST MERIDEN, CONNECTICUT.

IMPROVED CALL-BELL.

Specification forming part of Letters Patent No. 42,107, dated March 29, 1864.

To all whom it may concern:

Be it known that I, EMERY PARKER, of West Meriden, county of New Haven, and State of Connecticut, have invented a certain new and useful Improvement in Call Bells; and I do hereby declare that the same is described and represented in the following specification and drawings, and to enable others skilled in the art to make and use the same, I will proceed to describe its construction and operation, referring to the drawings, in which the same letters indicate like parts in each of the figures.

In the accompanying drawings are shown in section a representation of my improvement, in which A is a stand or base for its support. B is a column, the lower end of which is secured into the top of the stand A, so as to give to it a perpendicular position. The upper end thereof is provided with a collar, *a*, screw *b*, nut *c*, and an aperture, *d*.

C is a belt secured to the upper end of the column upon the screw *b* and between the collar *a* and nut *c*.

D is a press-rod inserted into and plays through the orifice in the screw *b*, and has a thumb-pad, E, provided for operating the device.

F is what I call an "angular step." This step is formed of two projections at about right angle and about equal length. The fulcrum-pin *e* is placed in the center of the column directly under the press-rod, and has an orifice about midway of one projection, as shown at *e*, through which the fulcrum-pin *e* passes to hold it (the angular step) in its place and upon which (the fulcrum-pin) said step oscillates.

n is a wire having a ball, *o*, secured on its outer end, while the other end is secured into the angular step F. Said wire is so bent as to allow the ball to strike the edge of the bell when the rod D is depressed, but not so as to rest against the edge of the bell to prevent the clear sound thereof. This is produced in two ways and may be used separately or jointly, first, one prong of the angular step (the perpendicular one) rests against the under side or edge of the collar *a* when the rod D is depressed, and while held in that position the wire is bent, so that the ball thereon will just clear the edge of the bell; second, the foot-piece *x* on the lower end of the rod D is made to project each way over the center of the fulcrum-pin *e*, so that when the rod D is depressed firmly upon the step it brings the step to a fixed position, and while held in that position the wire *n* is bent, so as to arrange (by bending the wire) the ball near to and just clear the edge of the bell. By this arrangement I am enabled to make a cheaper call-bell and at the same time secure to it all the advantages which can be claimed for others now in use.

I believe I have thus described my improvement so as to enable others skilled in the art to make and use the same.

I claim—

As a new improved article of manufacture, a call bell, the bell C, angular step F, pressure-rod D, working within the aperture *d*, substantially as and for the purpose described.

EMERY PARKER.

Witnesses:

A. J. HARRIS,
JEREMY W. BLISS.