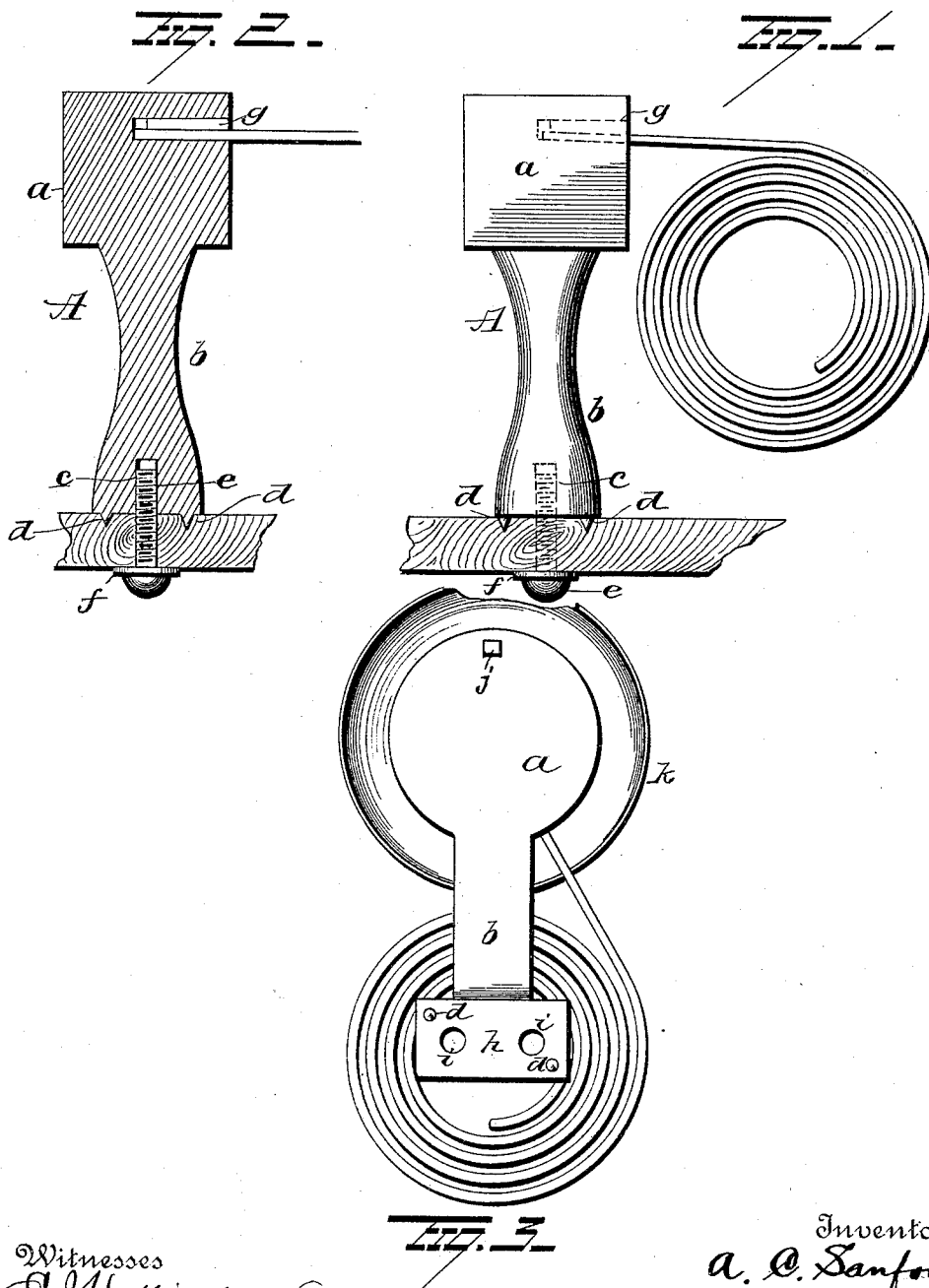


(No Model.)

A. C. SANFORD.
CATHEDRAL BELL STAND.

No. 453,067.

Patented May 26, 1891.



Witnesses
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UNITED STATES PATENT OFFICE.

AARON C. SANFORD, OF THOMASTON, CONNECTICUT.

CATHEDRAL-BELL STAND.

SPECIFICATION forming part of Letters Patent No. 453,067, dated May 26, 1891.

Application filed October 6, 1890. Serial No. 367,215. (No model.)

To all whom it may concern:

Be it known that I, AARON C. SANFORD, a resident of Thomaston, in the county of Litchfield and State of Connecticut, have invented certain new and useful Improvements in Cathedral-Bell Stands; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in cathedral-clock bells, and more particularly to the stand to which the coiled-wire gong is secured, the object of the invention being to so construct the stand that the main portion thereof, to which the spring-gong is attached, shall be removed somewhat from the clock-casing, and so that the connection of the stand with the casing shall be firm and rigid.

A further object is to produce a bell-stand for a cathedral-clock bell which shall be made of simple substantial construction and the entire stand cast in one piece of metal.

With these objects in view the invention consists in a stand for a cathedral-clock bell comprising a block or body portion and a support or pedestal cast integral therewith.

It further consists in a stand for a cathedral-clock bell comprising a block or body portion, an integral support or pedestal, and spurs or projections on said support or pedestal adapted to enter the clock-casing; and the invention further consists in certain novel features of construction and combinations and arrangements of parts, as hereinafter set forth, and pointed out in the claims.

In the accompanying drawings, Figure 1 is an elevation of my improved stand having a gong or coiled-wire bell secured thereto. Fig. 2 is a sectional view of the same. Fig. 3 is a view illustrating a modified form of the invention.

A represents my improved stand, comprising a block or body portion *a* and a pedestal or support *b*, cast integral therewith. The free end of the pedestal or support *b* is preferably enlarged somewhat and provided centrally with a screw-threaded socket *c* and with spurs or projections *d*, adapted to enter the clock-casing and prevent lateral or rotary movement of the stand.

A perforation is made in the clock-casing

in line with the screw-threaded socket *c* for the accommodation of a screw *e*, adapted to be screwed from the bottom of the casing up into the socket *c*, and thus securely hold the stand to the casing, a washer *f* being preferably inserted between the head of the screw and the casing. From this construction it will be seen that the pedestal or support will have a broad bearing against the clock-casing and that its connection with said casing is firm and rigid.

On one face of the block *a* a socket is made for the reception of the end of the coiled-spring gong, which is secured in said socket by means of a wedge or pin *g*.

In the form of my invention shown in Fig. 3 the support or bracket *b* is cast integral with the block *a* and extends laterally therefrom, being provided at its free end with a cross-head *h*, having perforations *i i* therein. The stand, when constructed in this manner, is adapted to be placed against the back of the clock, and is provided with spurs or projections *d*, adapted to enter the material composing the casing, and is preferably provided with a post or projection *j* on the under side of the block *a*.

In securing the device to the back of the clock the screws or other fastening devices are inserted from the back of the casing and are adapted to enter the perforations *i i* from the back. The spring-gong is secured to the block *a* of this form in the same manner as before described, and said block may be provided with a cap *k* to give it an ornamental appearance.

Slight changes might be made in the details of construction of my invention without departing from the spirit thereof or limiting its scope. Hence I do not wish to limit myself to the precise details of construction herein set forth; but,

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

1. In a bell-stand, a cast-metal block having a pedestal or support cast integral therewith, the end of the pedestal being provided with a screw-hole for the engagement of a fastening device, and a gong held by the block, substantially as set forth.

2. In a bell-stand, a cast-metal block hav-

ing a pedestal or support cast integral therewith, said pedestal being provided with spurs or projections that enter the wooden casing, and a gong held by the block, substantially as set forth.

3. In a bell-stand, a cast-metal block having a pedestal cast integral therewith, said pedestal having a comparatively large supporting end which rests upon the case, said supporting end being provided with a screw-hole for the insertion of a fastening-screw, and a gong held by the block, substantially as set forth.

4. The combination, with a bell-stand constructed with a cast-metal pedestal or support, of a fastening-screw inserted through the casing, the end of the screw entering a screw-threaded hole formed in the pedestal

or support, and a gong held by the block, substantially as set forth.

5. The combination, with a clock-casing, of a stand located on the interior of the bottom thereof, said stand comprising a block and an integral pedestal or support having a screw-hole therein, and a screw passing through the bottom of the clock-casing up into the screw-hole in the pedestal or support of the stand, and a gong held by the block, substantially as set forth.

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

AARON C. SANFORD.

Witnesses:

R. S. FERGUSON,
C. P. DRURY.