

E. G. Cone.
Sleigh-Bell.

N^o 76163

Patented Mar. 31, 1868.

Fig. 1.

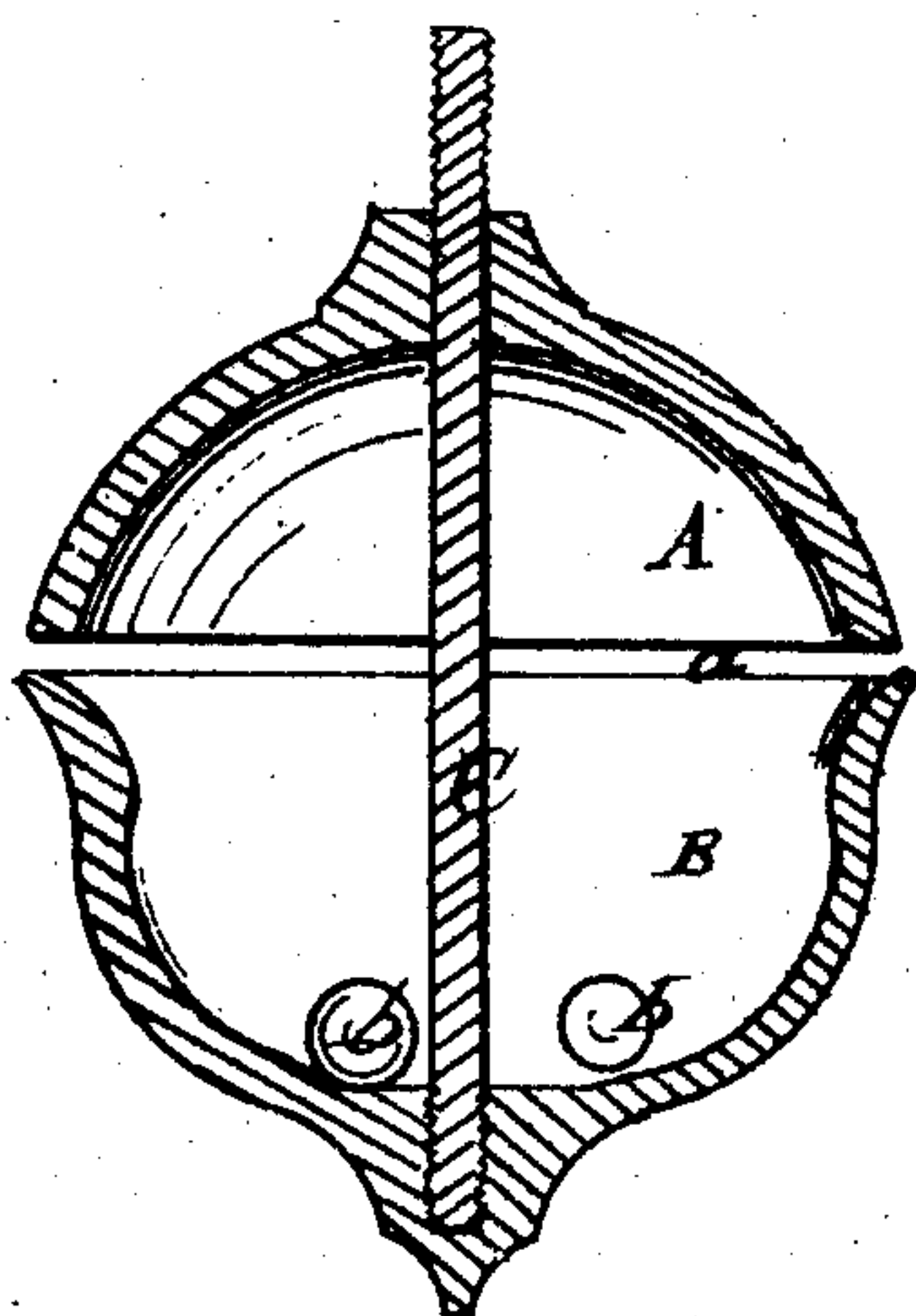
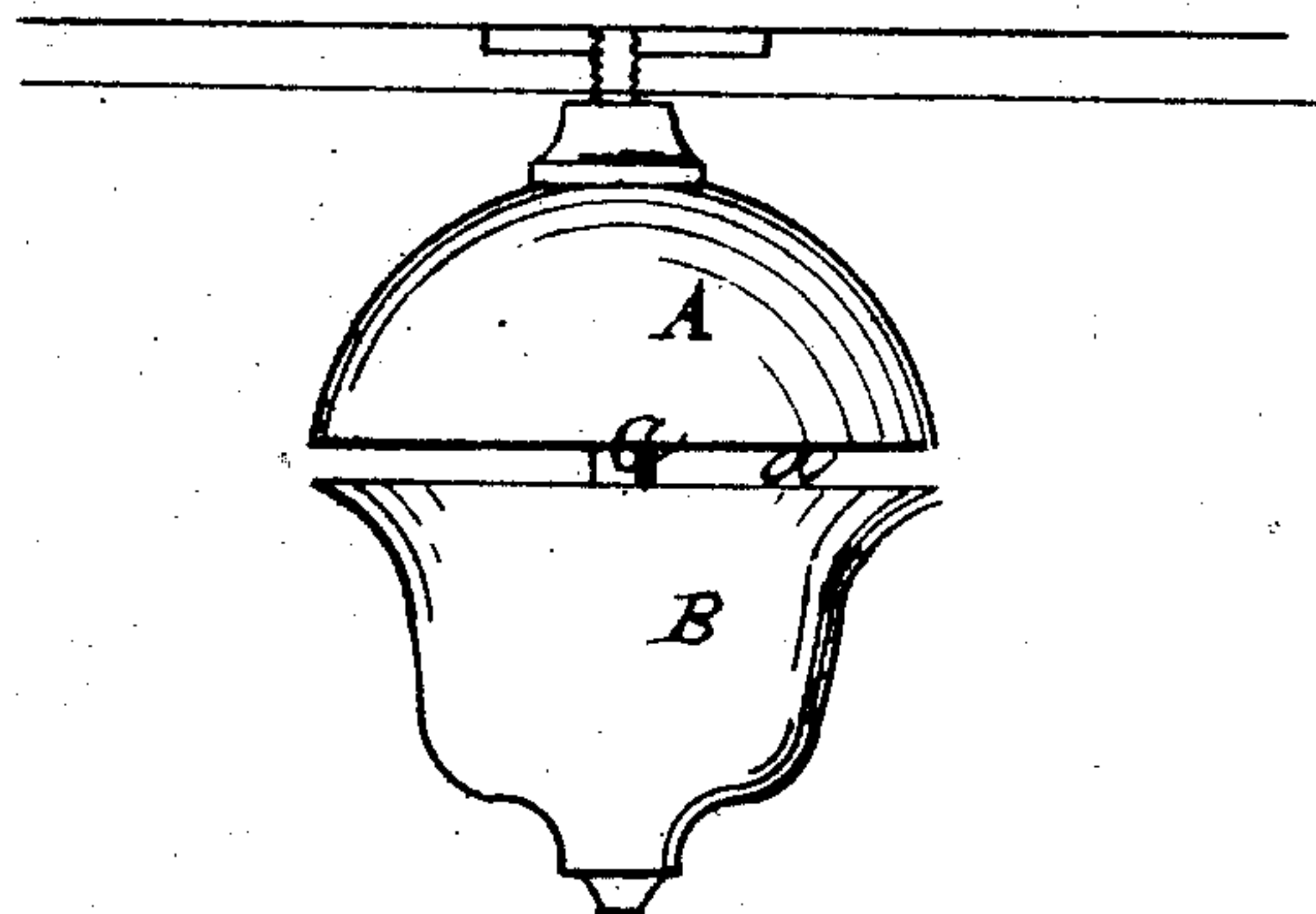


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

E. G. CONE, OF EAST HAMPTON, CONNECTICUT.

IMPROVED SLEIGH-BELL.

Specification forming part of Letters Patent No. **76,163**, dated March 31, 1868.

To all whom it may concern:

Be it known that I, EZRA G. CONE, of East Hampton, in the county of Middlesex and State of Connecticut, have invented a new and useful Improvement in Bells; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, forming part of this specification, in which—

Figure 1 is a central section of a sleigh-bell constructed according to my invention. Fig. 2 is a diminished external view of the same.

This invention consists in the combination, with two separate open-mouthed bells, of one or more detached or loose jingles or clappers, whereby I am enabled to produce a bell for sleighs and other purposes of a much more musical character than those heretofore constructed.

A and B represent the two bells. In the present instance A is of the gong shape and B of the ordinary "house-bell" shape; but I will remark that the invention is not limited to the exact shape of the bell, so long as the bells used in my combination are open-mouthed. The two bells are secured together by a rod, C, passing centrally from the one bell to the other, its ends being secured to the respective bells A B, and a throat, *a*, being left between the mouths of the two bells to insure a proper and unimpeded vibration of

sound from each bell. Within the two bells loose or detached jingles *b b* (one or more) are placed, which, when the bells are shaken, strike the said bells and produce a harmony of sounds.

I will remark that great advantage arises from having the jingles detached, so as to lie loosely within the combined bell A B, for the reason that a far more musical sound is produced. To explain: If the jingles were attached in any way permanently, the bell would be likely to assume, immediately after the shaking ceased, a position which would cause the jingles to rest against the bells, and thus effectually deaden the vibration of sound; but where loose jingles are used one of the bells A B must always give out a full, clear sound and no hinderance to the vibration be presented.

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

The combination, with the two open-mouthed bells A B, of one or more loose or detached jingles, *b*, substantially as and for the purposes herein specified.

The above specification of my invention signed my me this 24th day of July, 1867.

E. G. CONE.

Witnesses:

AUGUSTUS H. CONKLIN,
ELIJAH C. BARTON.