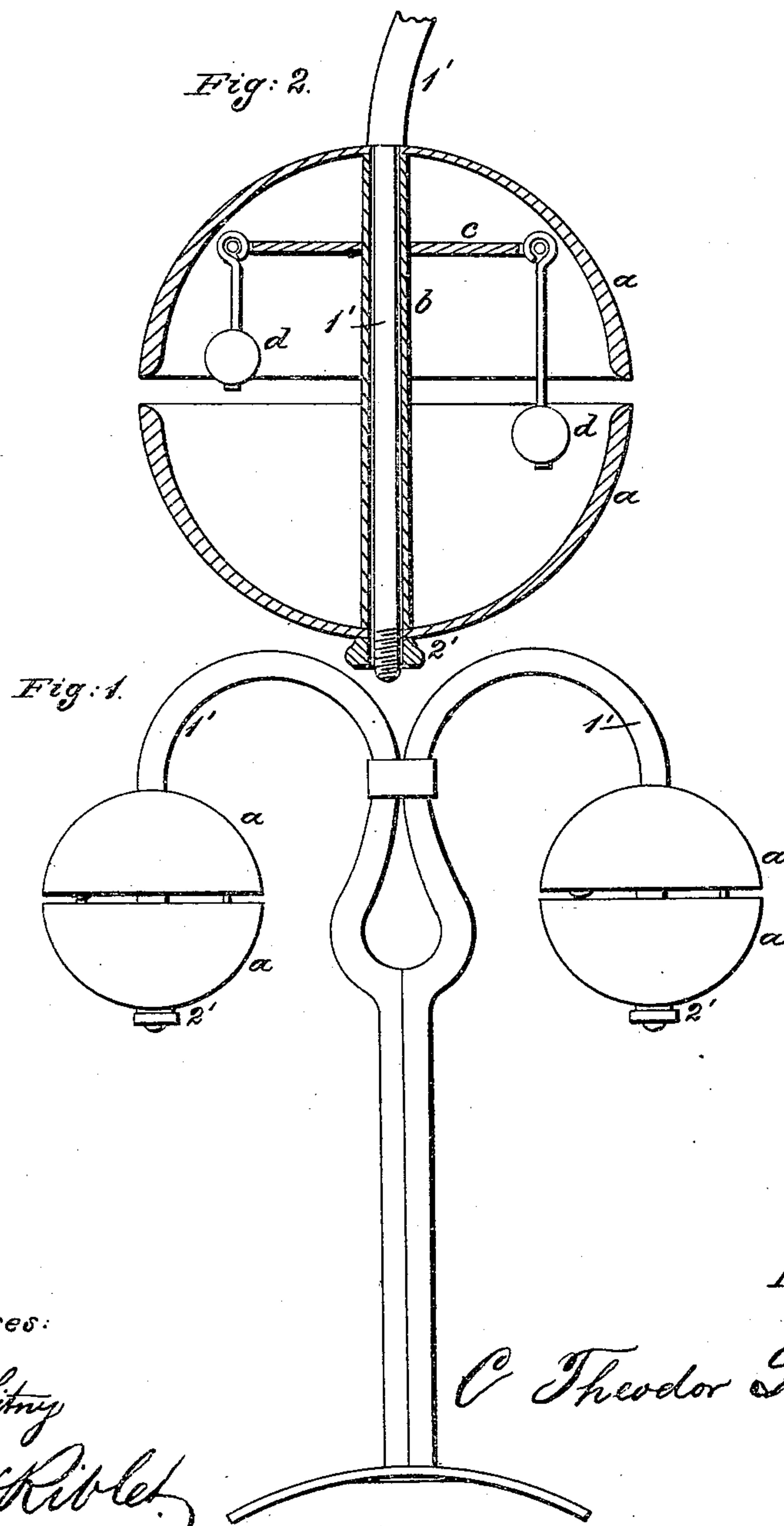


C. T. LIEBOLD.

Harness Bell.

No. 52,058.

Patented Jan'y 16, 1866.



Witnesses:

J. Whitney
Wm. H. Ribley

Inventor:

C. Theodor Liebold

UNITED STATES PATENT OFFICE.

C. THEODOR LIEBOLD, OF NEW YORK, N. Y.

IMPROVED HARNESS-BELLS.

Specification forming part of Letters Patent No. 52,058, dated January 16, 1866.

To all whom it may concern:

Be it known that I, CHS. THEODOR LIEBOLD, in New York, in the county of New York, in the State of New York, have made a new Improvement in Sled or Sleigh Bells, designated "The Empire Sleigh-Bell," of which the following is a true description.

Two shells of bell or other metal, *a a*, cup-shaped and of harmonious tone, are fixed opposite each other on a stem or frame, 1, of iron or other metal, running through a hole in their middle, so that they form a globe cut in two, leaving a small space free between themselves. The clappers *d* are fixed on a horizontal extension, *c*, of a tube, *b*, running over the stem 1' inside of the bells, where they hang free suspended, touching the bells only when moved. The screw 2' fixes the shells and tube in their position.

Figure 2 is a section (vertical) of this new improvement. Fig. 1 is a side view.

These bell-globes may be suspended or secured on frames or stems of different shape or form and different metal, resting upon a leather girdle, and from one to any convenient number.

Fig. 1 of the drawings, made after the model, is one form of two of the above-described bell-globes fastened to an iron frame.

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

The fixation of the bell-shells opposite each other, so that two form a globe cut in two, leaving a small space free between themselves, securing thereby the richest tone and greatest beauty of form possible.

C. THEODOR LIEBOLD.

Witnesses:

F. J. WHITING,
WM. H. RIBLET.