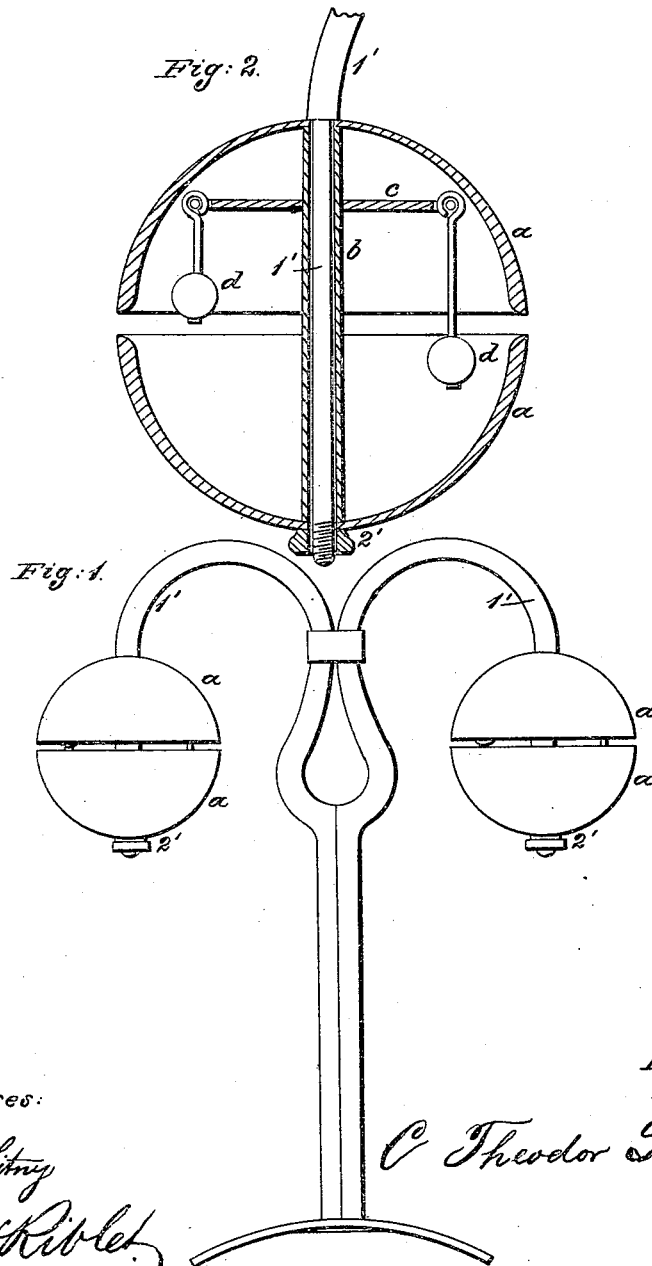


C. T. LIEBOLD.

Harness Bell.

No. 52,058.

Patented Jan'y 16, 1866.



Witnesses:

J. Whitney
Wm. R. Rible

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.