

H. Tenney,
Sleigh Bell.
No. 93,569. *Patented Aug. 10, 1869*

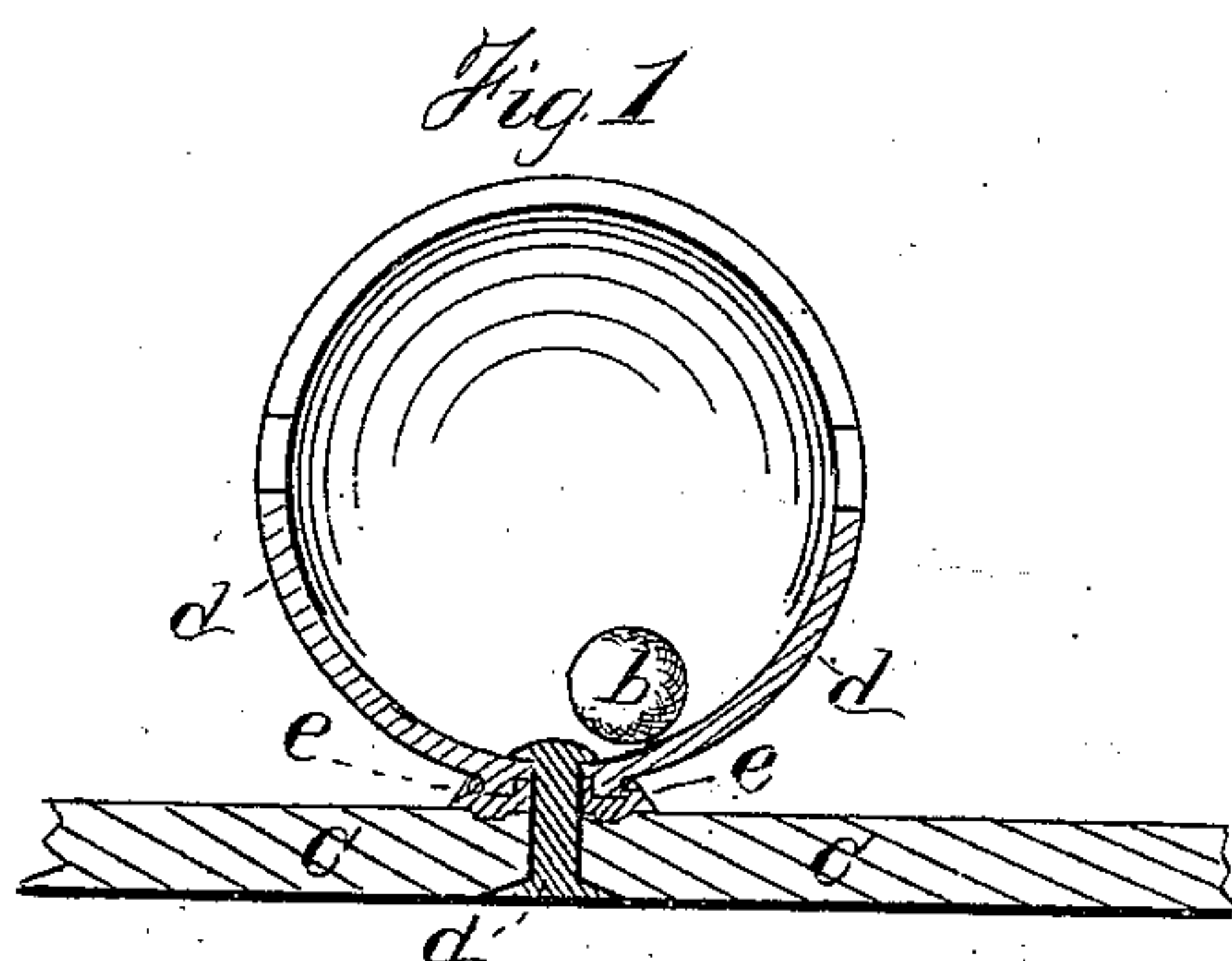
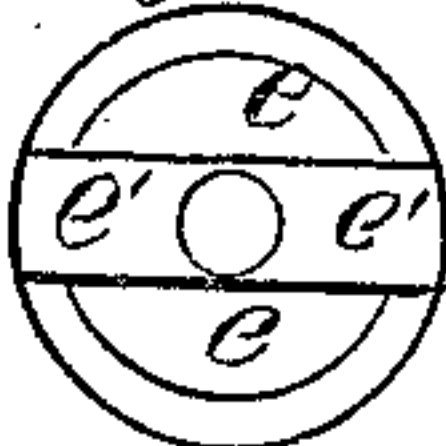


Fig 2



Witnesses

Edwin Estlin

Wm W. Hyde

Inventor.

Hiram Keag

Ellis & Simmons
Attys

United States Patent Office.

HIRAM VEAZEY, OF EAST HAMPTON, CONNECTICUT.

Letters Patent No. 93,569, dated August 10, 1869.

IMPROVEMENT IN SLEIGH-BELL FASTENINGS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, HIRAM VEAZEY, of East Hampton, in the county of Middlesex, and State of Connecticut, have invented a new and useful Improvement in Fastening Bells to Leather Belts; and I declare the following to be a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference thereon, forming a part of this specification.

In the drawings, the same letters always indicate the same parts.

Figure 1 is a sectional view of a sleigh-bell fastened by my invention to a leather belt.

Figure 2 is a plan or top view of what is known herein as the "washer."

Figure 3 is a sectional view of the "washer," the section being made lengthwise of the slot in the "washer."

Figure 4 is a sectional view of the "washer," the section being made at right angles to the section shown in fig. 3, that is, across the slot.

My improvement relates chiefly to the fastening of sleigh-bells to their belts, but is applicable as well to the fastening of other bells.

The letter *a* designates a round sleigh-bell, in section.

b is the "jinglet;"

c is the leather belt;

d is a rivet; and

e is the washer.

The bell is cast without a shank, with a hole for the rivet to enter through, and with a projecting teat, or spur each side of the rivet hole. So far forth after the Letters Patent of L. O. Chase, dated May 14, 1861.

But instead of having these two teats, or spurs drawn directly into the leather belt, when the rivet is

headed, a soft-metal washer, *e*, is introduced between the bell and the leather.

This washer is at first made, as seen in figs. 2, 3, and 4, with a slot, *e'*, extending across its upper face, and with a depth of about half the thickness of the washer.

This washer is best made with a thickness of about one-eighth of an inch, and with a slot about one-sixteenth of an inch in depth, and of some soft metal, as brass, for instance.

When the parts are put together, preparatory to heading the rivet, the two teats on the bell are allowed to rest in the slot in the washer. Then, when the rivet is headed down, inside the bell, these teats will be drawn down strongly into the metal of the washer, and will force down from the lower side of the washer, projections, as seen in fig. 1, which will sink into the leather, and will hold the bell tightly in its place.

The main improvement or advantage gained by this washer being here interposed, is that the rivet and teats cannot so readily work loose in the metal washer as in the unprotected leather.

I fully disclaim all the parts used by me which are covered by the patent of said Chase.

I claim as my invention—

1. The washer *e*, made as described, and interposed in the manner described between the bell and the belt, for the purpose set forth.

2. The combination of the teated bell *a*, the rivet *d*, the washer *e*, and the belt *c*, the whole constructed and arranged as described, for the purpose described.

Dated this 28th day of May, 1869.

Witnesses:

HIRAM VEAZEY.

EUNICE G. ADAMS,

FESTUS E. ADAMS.

+ Assignor to Veazey & White.