

G. UIBEL.
Broom-Support.

No. 198,714.

Patented Dec. 25, 1877.

Fig. 1.

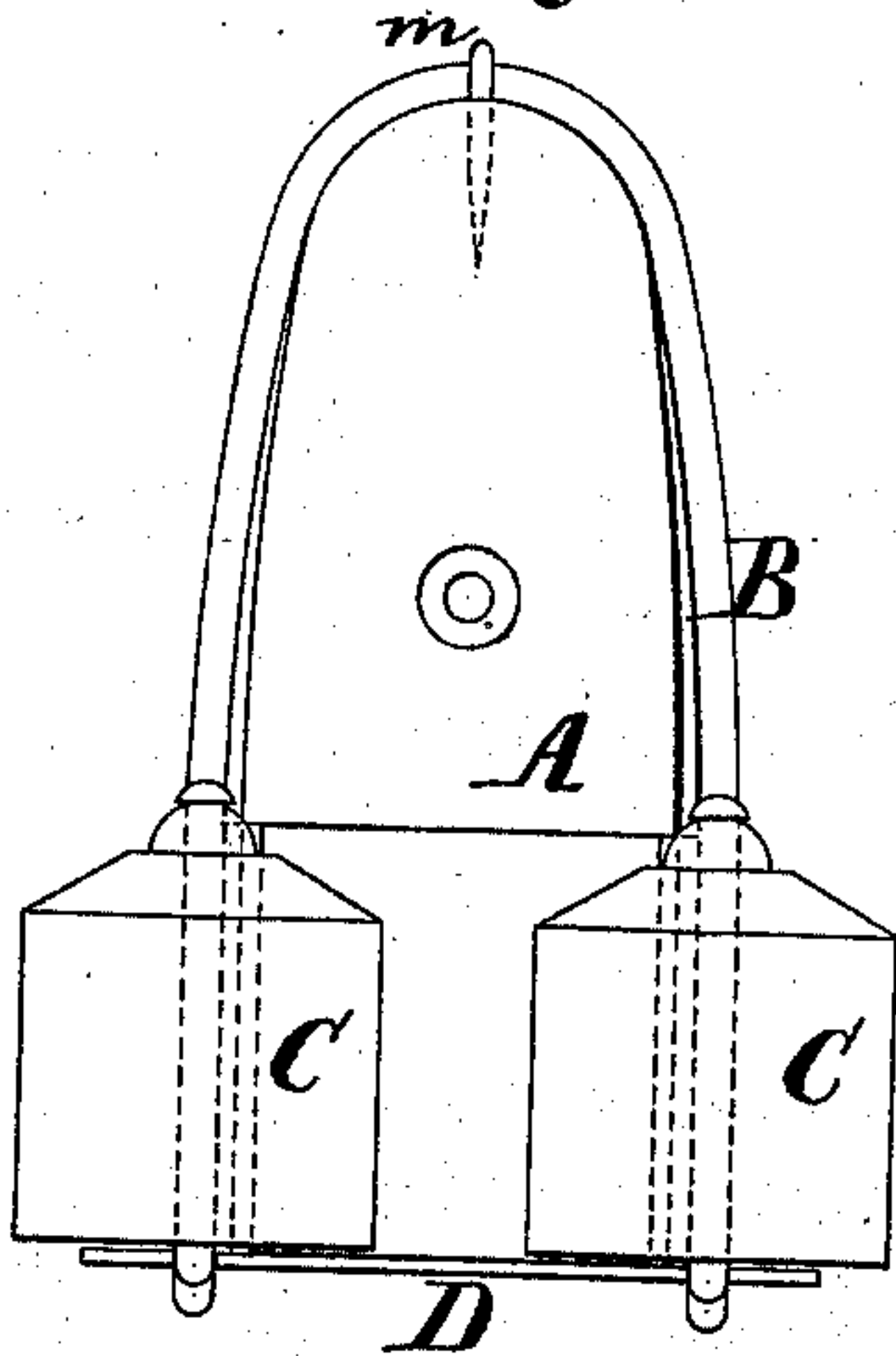
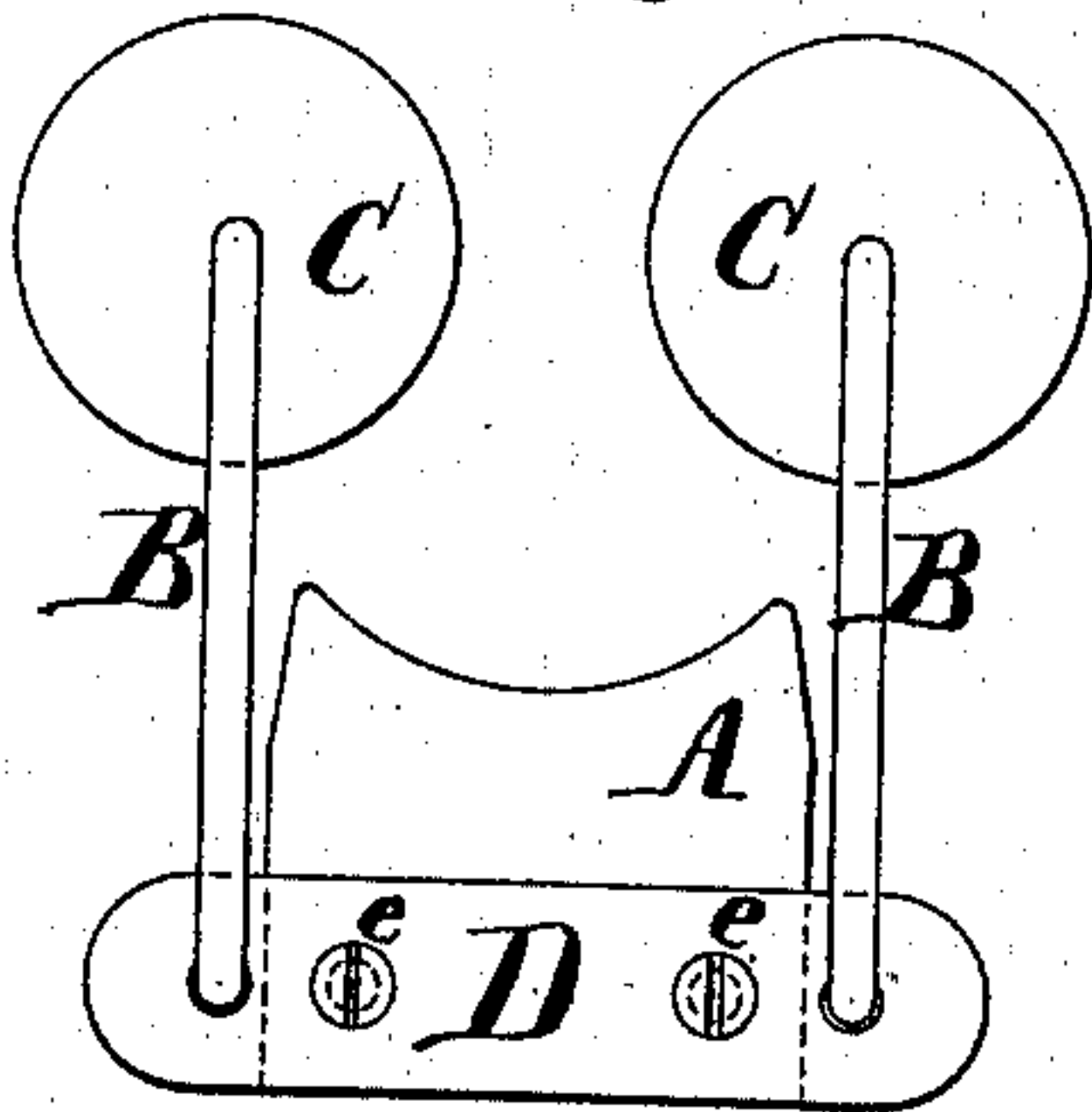


Fig. 2.



Witnesses:

A. Henry Gentner
Chas. C. Stetson

Inventor:

Geo. Uibel
by his attorney
C. Stetson

UNITED STATES PATENT OFFICE.

GEORGE UIBEL, OF NEW YORK, N. Y.

IMPROVEMENT IN BROOM-SUPPORTS

Specification forming part of Letters Patent No. **198,714**, dated December 25, 1877; application filed March 14, 1877.

To all whom it may concern:

Be it known that I, GEORGE UIBEL, of New York city, in the State of New York, have invented certain new and useful Improvements in the Construction of Broom-Supports, of which the following is a specification:

There is a well-known form of broom-holder, exceedingly convenient, but defective in construction. I have improved it by the addition of a simple tie.

The accompanying drawings form a part of this specification, and represent the device with my improvement.

Figure 1 is a front view, and Fig. 2 a bottom view.

Similar letters of reference indicate like parts.

A is the body, of wood; B, the wire serving as a spring, and C a roller mounted loosely on the upturned ends of said wire. All these parts, as also the staple *m*, confining the spring to the body at the top, are formed and serve as usual.

D is my tie, made of sheet metal, and secured by screws *e*, inserted in the body. The spring B turns in a smooth round hole formed near each end.

The staples heretofore employed as fastenings at the sides were necessarily placed somewhat above the bottom. It is difficult with

such fastenings, ordinarily applied with cheap labor, to insure a freedom of the spring to twist. The considerable strain on the spring, due to the forcible insertion and removal of the broom from between the rollers, acts directly on the staples to loosen them and pull them out. The device thus formed was defective and short-lived.

My tie allows the commonest labor to be efficient, and the work being made by gages, with the spring B turning in the holes in the tie-plate a little distance from the body, insures the freedom of the spring to twist above the tie, to accommodate the motion of the arms below.

My tie is cheap, and materially increases the efficiency and durability of the device.

I claim as my invention—

The improvement in broom-holders described, consisting of the tie D, connecting the springs B, in combination with such springs, and with the body A and rollers C, as herein specified.

In testimony whereof I have hereunto set my hand this 12th day of March, 1877, in the presence of two subscribing witnesses.

GEORGE UIBEL.

Witnesses:

CHAS. C. STETSON,
A. HENRY GENTNER.