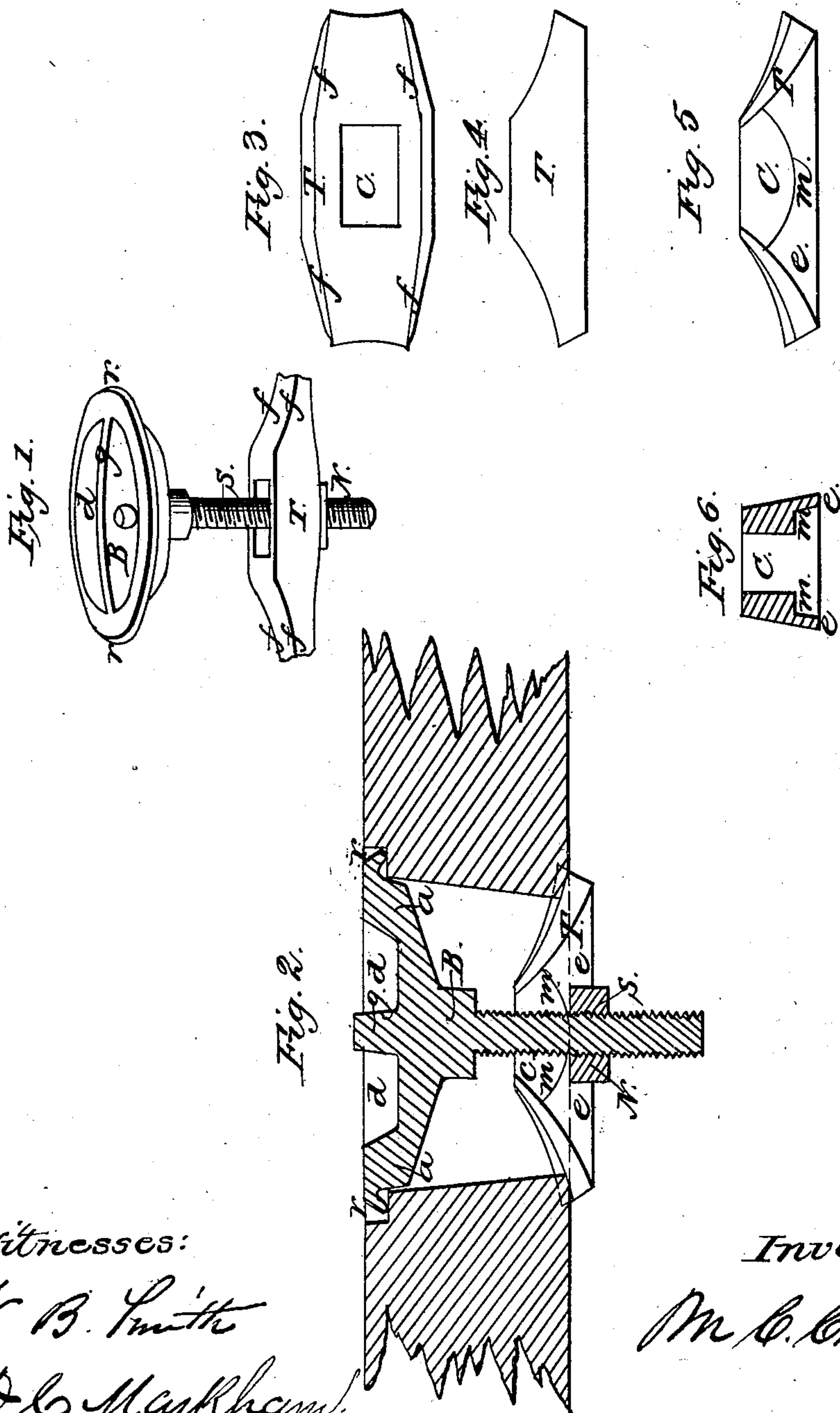


M. C. Cronk

Bung.

No 68,417.

Patented Sept. 3, 1867.



Witnesses:

N. B. Smith

D. C. Markham.

Inventor:

M. C. Cronk

United States Patent Office.

MUNSON C. CRONK, OF AUBURN, NEW YORK.

Letters Patent No. 68,417, dated September 3, 1867.

IMPROVED BUNG FOR CASKS AND BARRELS.

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, MUNSON C. CRONK, of the city of Auburn, have invented a new and improved Bung; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification.

The letters used represent the same parts wherever they occur.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same and its form when complete and ready for use.

Figure 1 represents a perspective view of all the parts put together.

Figure 2 represents a sectional view of the same when in their place in the stave.

Figures 3 and 4 represent perspective views of the toggle.

Figure 5, a longitudinal sectional view of the same.

Figure 6, a cross-sectional view.

The whole may be made of malleable iron or other suitable metal. B represents the bung proper, which is made with a shank, S, to pass down into the barrel and receive the toggle T and nut N, made in the common form. It is made with a shoulder, a, to fit the bung-hole, also with the rim r to set into the wood to make a tighter joint and prevent leakage. T represents the toggle which holds the bung to its place when screwed down. This is made with the slot C, elongated so that the toggle will readily tip and pass through the bung-hole. It is also made with a rounded bearing in the form of a shoulder, m m, for the nut to rest upon, and thus receive the bearing of the screw direct, however the toggle may be turned. It is made with the lips E E for the bearing of the nut when being worked. The other side of the toggle is bevelled down and hollowed out a little, so that the edges f f will adhere to the wood, prevent turning, and thus assist the working. There may be packing used under the rim, if desired. It is also desirable to work up the end of the shank after the nut is put on to prevent its slipping off. The top of the bung will need a depression, d, and shoulder, g, to receive the wrench. When the parts are put together and ready for use, let the nut down upon the shank far enough, so that the toggle will tip and readily pass through the bung-hole, then pull up square, bring the toggle to bear on the inside of the stave, hold it, and screw the bung tight.

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

A bung, with the parts B, T, and N, made and operated substantially as and for the purposes described.

M. C. CRONK.

Witnesses:

N. B. SMITH,

D. C. MARKHAM.