

No. 28,637.

PATENTED JUNE 5, 1860.

W. H. NOYES.
GAGE FOR FILLING BARRELS.

Fig. 1.



Fig. 3.

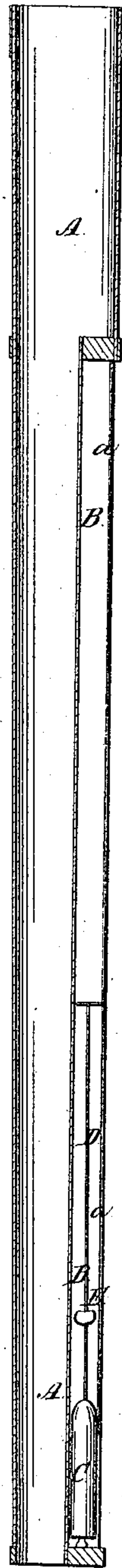
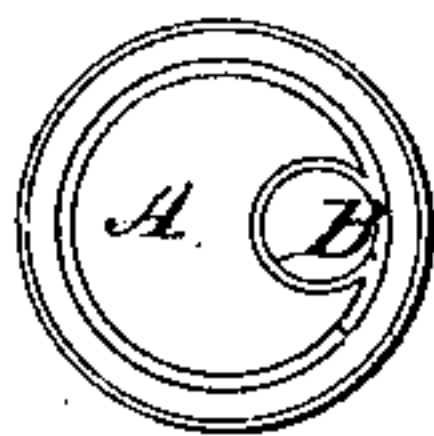


Fig. 2.



Witnesses.

W. H. Noyes
F. D. Hale

Inventor.

W. H. Noyes

UNITED STATES PATENT OFFICE.

WILLIAM H. NOYES, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO HARVEY T. LITCHFIELD,
OF SAME PLACE.

GAGE FOR FILLING BARRELS.

Specification of Letters Patent No. 28,637, dated June 5, 1860.

To all whom it may concern:

Be it known that I, WILLIAM H. NOYES, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful or Improved Gage or Instrument to be used for Filling a Barrel and Determining the Height of Liquor Therein; and I do hereby declare the same to be fully described and represented in the following specification and the accompanying drawings, of which—

Figure 1 denotes a front elevation; Fig. 2, an underside view, and Fig. 3, a transverse section of it.

In such drawings, A, denotes a long tube open at each end and provided with a channel or chamber, B, running longitudinally and arranged in other respects with regard to the tube, A, as shown in the drawings. This channel has no connection with the bore of the tube, A, but is open along its entire front as shown at, *a*. Within the said channel or chamber, there is a light float, C, provided with a wire or stem, D, projecting longitudinally from it. On the said wire and so as to be capable of sliding and being adjusted thereon, is an indicator, E, which may be a piece of cork, or some other suitable substance.

In order to make use of the instrument or apparatus, it should be inserted in the bung hole of a barrel and held in a vertical

position with the lower end resting on or just above the bottom of the interior surface of the barrel. Under these circumstances, if a liquid be poured into the tube it will run into the barrel and in proportion as it may be suffered to run into the tube, the float, C, will rise in the chamber or groove, B.

The indicator will rise with the float and reaching the level of the upper surface of the bung hole will show that the barrel has been sufficiently supplied with the liquid.

In the process of barreling spirits and other liquids, it is often difficult to determine when the required quantity may be put into them. Much time, as well as liquor is often wasted in accomplishing the same by means of the common funnel. The gage pipe, made as described, however, presents an easy and certain means of attaining the desired results—as the indicator of the float will exhibit when the proper amount of liquid may be within the barrel.

I claim—

Combining with the filling tube, A, the groove or chamber, B, and its float, C, furnished with an adjustable slider or indicator as described.

WILLIAM H. NOYES.

Witnesses:

H. T. LITCHFIELD,
F. P. HALE, Jr.