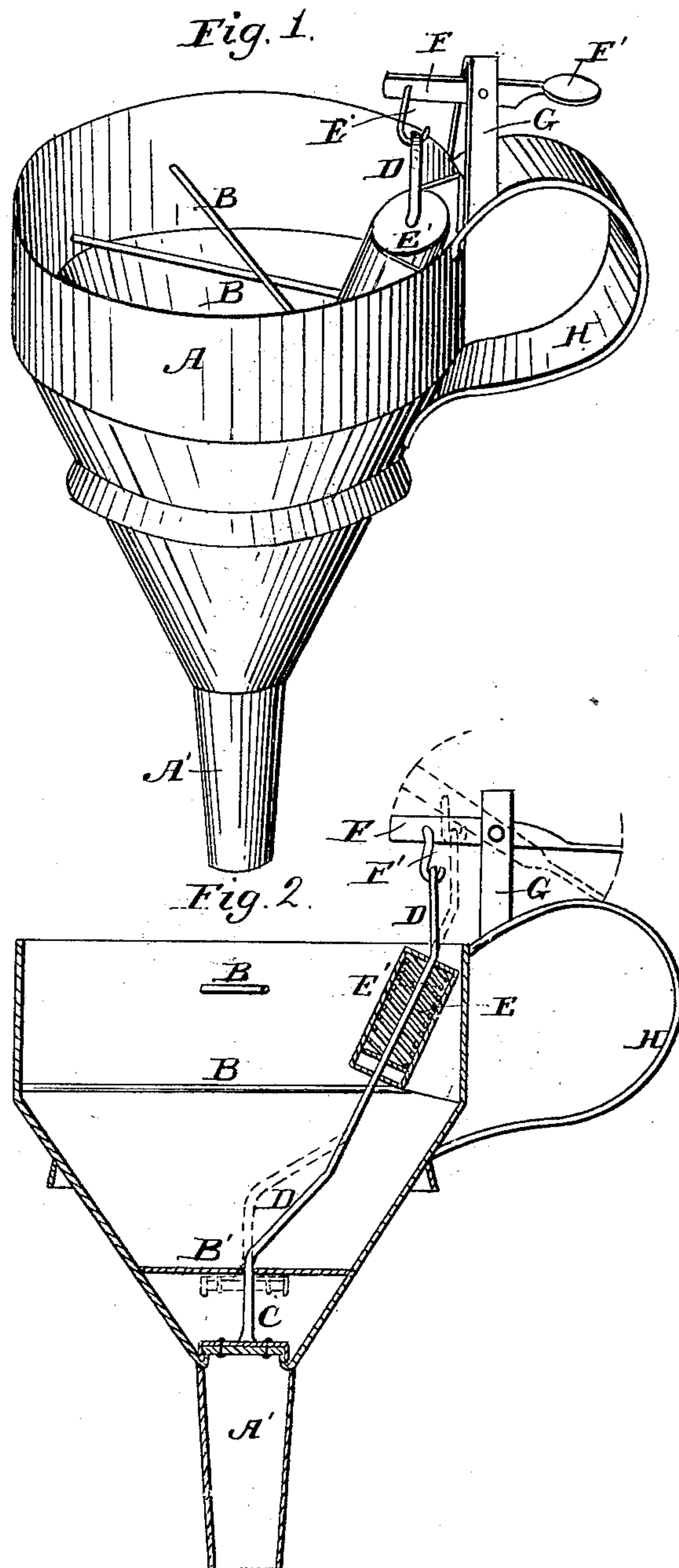


C. W. FULLER.
Measuring Funnel.

No. 57,494.

Patented Aug. 28, 1866.



Witnesses:

E. Blaup
L. A. Murphy

Inventor:

C. W. Fuller
D. P. Hollaway & Co. Atty.

UNITED STATES PATENT OFFICE.

CHAUNCEY W. FULLER, OF EARLVILLE, ILLINOIS.

IMPROVEMENT IN FUNNEL-MEASURES.

Specification forming part of Letters Patent No. 57,494, dated August 28, 1866.

To all whom it may concern:

Be it known that I, CHAUNCEY W. FULLER, of Earlville, in the county of La Salle and State of Illinois, have invented a new and useful Improvement in Measuring-Funnels; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, made part of this specification, in which—

Figure 1 is a perspective view. Fig. 2 is a vertical central section.

The same letters in the different drawings refer to identical parts.

A is a funnel of the ordinary construction. Across this funnel, on the inside, are placed wires B, secured on each side, and so placed as to designate the different quantities of fluid in the funnel below them, as pints, quarts, &c.

The bottom of the funnel, at the top of the conical eduction-pipe A', is a valve, C, with a suitable packing on its face, and fitting on a valve-seat, so as to make the bottom water-tight. This valve is raised and lowered by means of the bent rod D, which rises perpendicularly, passing through the guide B', and is then bent so as to pass through the case E', attached to the inside of the funnel near the top. This case incloses a spiral spring, E, surrounding the rod D, to which it is attached below by resting on a flange, or other equivalent mode. This spring, pressing downward upon

the rod D, holds the valve firmly upon its seat. The rod D, passing through the case, is attached to the end of a lever, F, which has its fulcrum on a pivot passing through the standards G attached to the handle H. The opposite end of the lever has a flat thumb-piece, F', and is so placed in relation to the handle H that, the funnel being held in the hand, grasped by the fingers, the thumb may, by pressing upon the lever, raise the valve C and discharge the liquid contained in the funnel.

Having fully explained the character of my improvements in measuring-funnels, what I claim as my invention, and seek to secure by Letters Patent, is—

A measuring-funnel constructed with a valve, C, raised by the bent rod D, with a spiral spring, E, and lever F, and having also transverse rods B for measuring quantities, said several parts being respectively constructed and arranged for use in relation to the funnel and to one another, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHAUNCEY W. FULLER.

Witnesses:

H. P. WATTLES,
LEVI HISCOCK.