

(Model.)

A. DAGGETT.

ALARM ATTACHMENT FOR MEASURING VESSELS.

No. 341,641.

Patented May 11, 1886.

Fig. 2

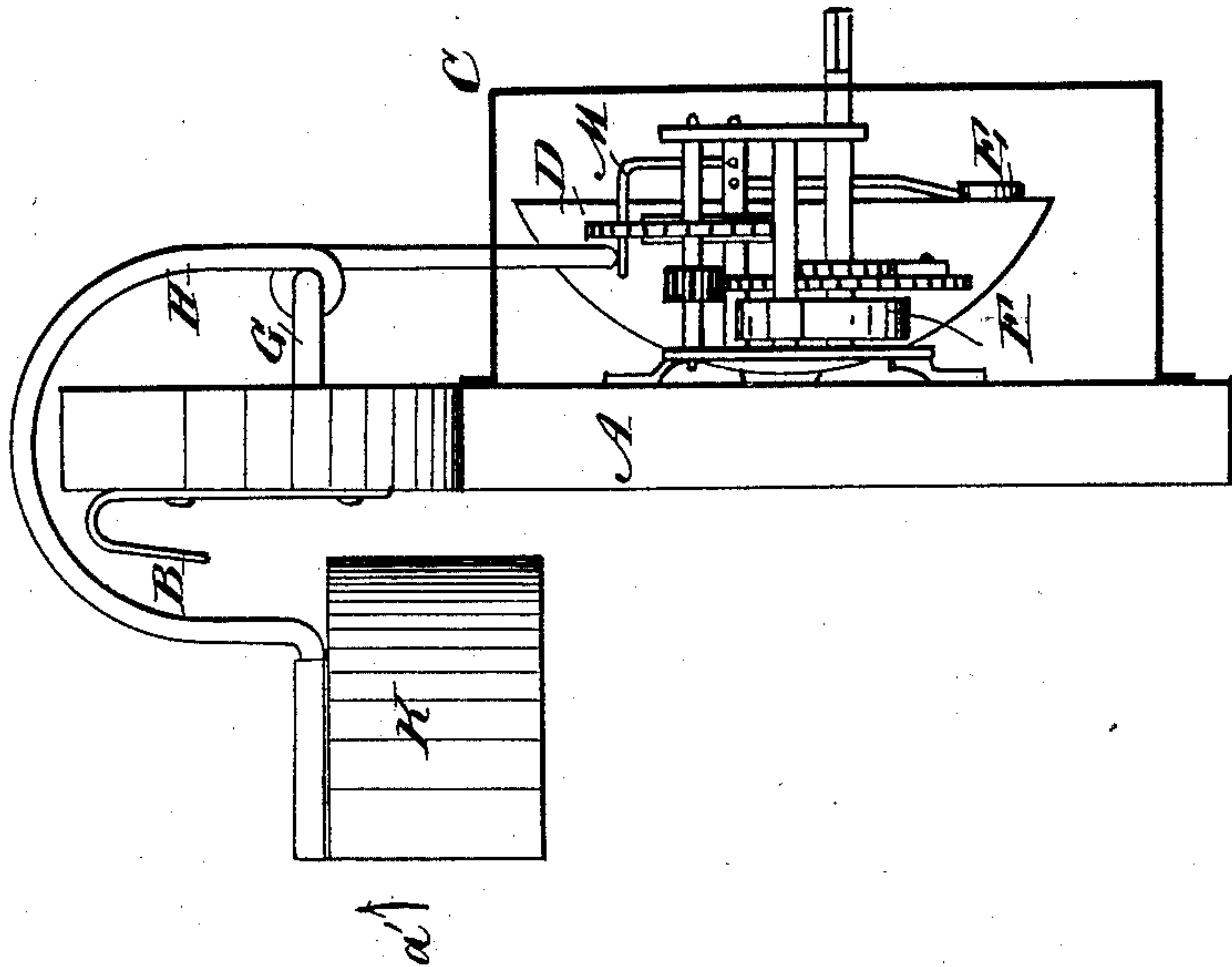
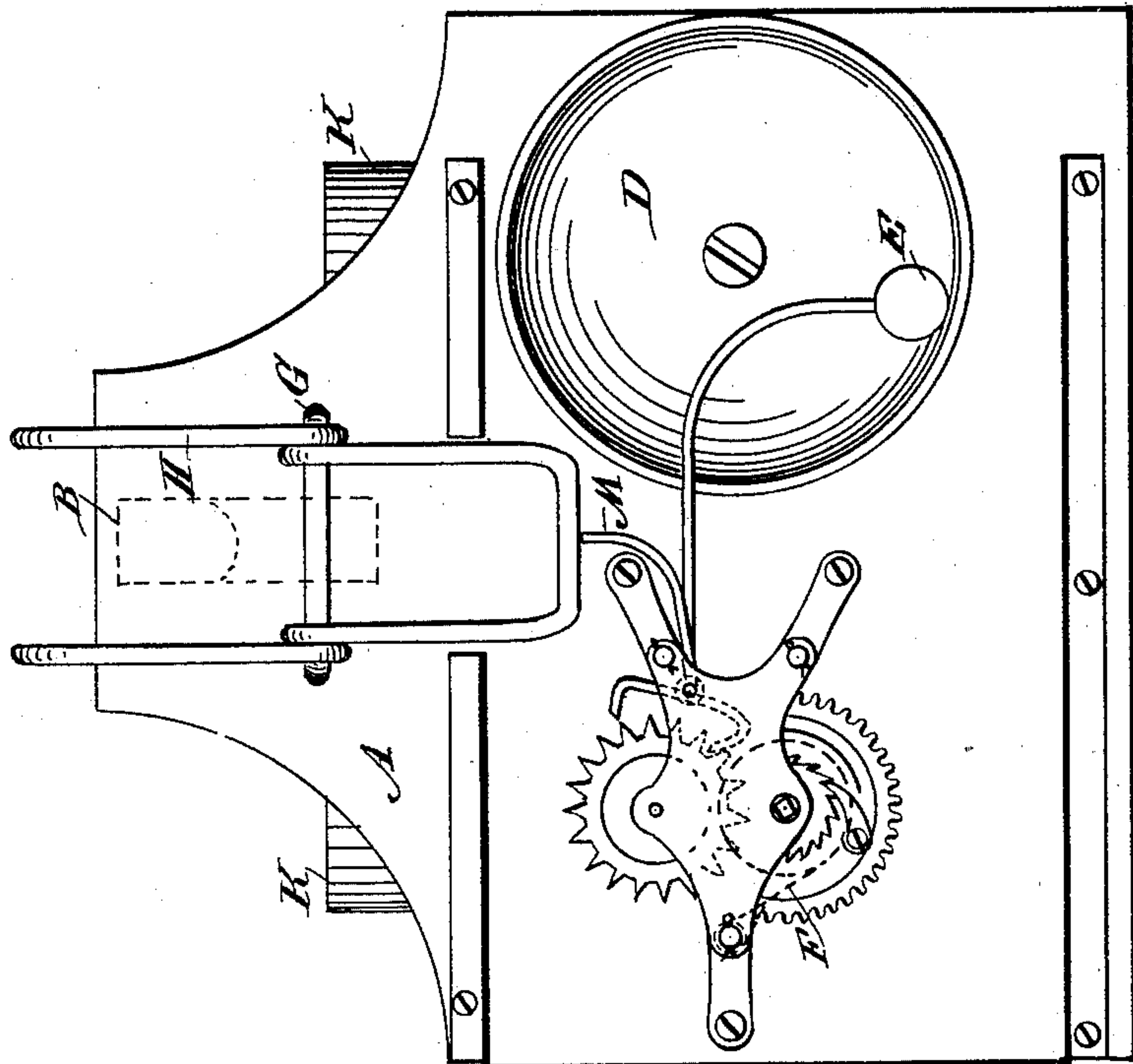


Fig. 1



WITNESSES:

C. Neveux
C. Sedgwick

INVENTOR:

A. Daggett

BY

Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

ALBERT DAGGETT, OF STRONG, MAINE.

ALARM ATTACHMENT FOR MEASURING-VESSELS.

SPECIFICATION forming part of Letters Patent No. 341,641, dated May 11, 1886.

Application filed September 2, 1885. Serial No. 175,992. (Model.)

To all whom it may concern:

Be it known that I, ALBERT DAGGETT, of Strong, in the county of Franklin and State of Maine, have invented a new and Improved Alarm Attachment for Measuring-Vessels, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved attachment which is to be attached to vessels for measuring liquids, and which attachment automatically gives an alarm when the vessel is filled or almost filled.

The invention consists of the combination of parts, including their construction, substantially as hereinafter fully set forth and claimed.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a longitudinal view of my improved alarm attachment for measuring-vessels. Fig. 2 is an end view of the same.

The board A, or plate or piece of sheet metal is provided with hooks B at its top, for hanging it on the top edge of a gallon-measure, for example, or any other measuring-vessel, the board or plate A being on the outside.

On the outside of the board or plate A a casing, C, is secured, containing a gong, D, a vibrating hammer, E, for striking the gong, and a spring-actuated mechanism, F, for operating the hammer E.

H is an inverted-U-shaped lever, which is also made in the form of a bail, and is looped or coiled near its one end around a bail or staple-shaped fulcrum or arm, G, projecting from the outer side of the board A, above the casing

C, which lever extends up and over the top edge of the board or plate A, and has a float, K, of wood, metal, or any other suitable material, secured on its inner end, the float being within the measuring-vessel. The outer end of the lever H engages an arm or projection, M, of the spring-actuated mechanism F.

The operation is as follows: The device is held on the edge of the measuring-vessel, the float K being on the inside and the ringing mechanism on the outside, which ringing mechanism is locked by the lever H. When the liquid in the measure rises, it raises the float, which can only move in the direction of the arrow α' , whereby the end of the lever H is disengaged from projection M, and the clock-work mechanism is released, and the gong is sounded, thus giving the signal that the liquid must be shut off.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

In an alarm attachment for measuring-vessels, the combination, with the gong-hammer and the mechanism for operating said hammer, of the inverted-U-shaped lever connected to a float at its one end and coiled or looped up on a bail or staple shaped fulcrum, said lever also being made in the form of a bail and in one piece, and having its lower end adapted to engage with an arm connected to the gong-hammer-operating mechanism, substantially as shown and described, and for the purpose set forth.

ALBERT DAGGETT.

Witnesses:

L. W. TAYLOR,
W. L. DAGGETT.