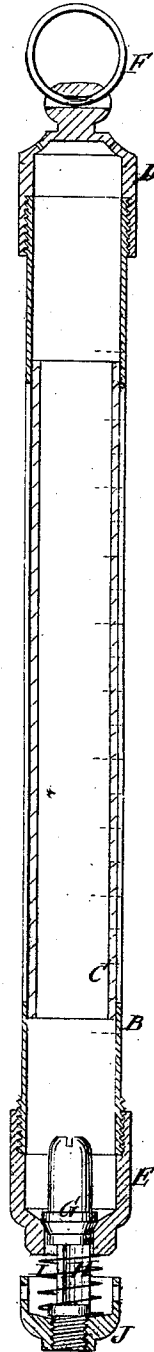


W. G. CONKLIN.
Bilge Water-Gages.

No. 152,971.

Patented July 14, 1874.



WITNESSES:

E. Wolff
C. Selgwick

INVENTOR:

W. G. Conklin

BY

Miner

ATTORNEYS.

UNITED STATES PATENT OFFICE

WILLIAM G. CONKLIN, OF SEATTLE, WASHINGTON TERRITORY.

IMPROVEMENT IN BILGE-WATER GAGES.

Specification forming part of Letters Patent No. **152,971**, dated July 11, 1874; application filed November 15, 1873.

To all whom it may concern:

Be it known that I, WILLIAM G. CONKLIN, of Seattle, in the county of King and Territory of Washington, have invented a new and Improved Bilge-Water Gage, of which the following is a specification:

My invention consists of a tube formed partly or wholly of glass with a valve in the bottom to allow the tube to fill, and a scale on the side to show the measure of the height of water in the tube, which will be the measure of the depth of water in the hold. The valve is arranged so as to be forced open to admit the water by the stem striking the bottom, and closed by a spring.

The drawing is a sectional elevation of my improved bilge-water gage.

The tube is, in this example, composed of an outer slotted metal part, B, and an inner glass part, C. It is closed at both ends by screw-caps D and E, in one of which is a ring, F, by which to suspend the tube by a cord, and in the other is the valve G for opening to admit the water and closing to hold it in. It is opened by the stem H, which projects down

below the end of the cap, and it is closed by the spring I, which is coiled around said stem and confined between the end of the cap and the cap J screwed onto the lower end of the stem.

This gage will be more reliable than the rod commonly used, because it will show the depth with certainty, while the rod will sometimes not show it at all, particularly in stormy weather when it is generally wet.

The glass portion of the tube is secured in the metal portion by india-rubber cushions or springs to prevent it from breaking.

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

A gage consisting of slotted tube B, having screw-caps D E, internal transparent tube C, and the inwardly-opening valve G, provided with stem H, spring I, and cup J, arranged as and for the purpose specified.

WILLIAM G. CONKLIN.

Witnesses:

D. Y. WHEELER,
S. F. COOMBS.