

No. 683,058.

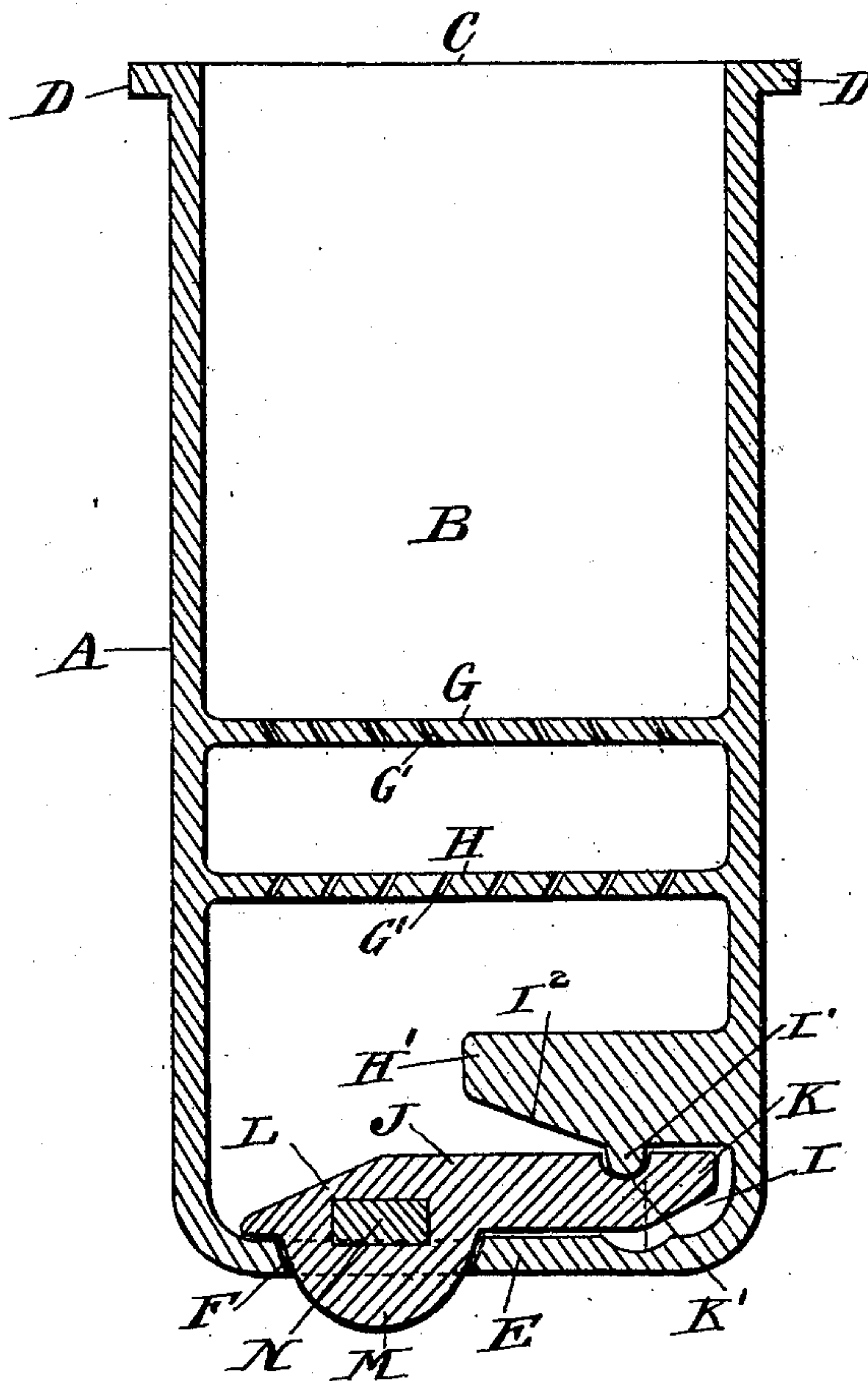
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W. J. MURRAY.

DEVICE FOR PREVENTING REFILLING OF VESSELS.

(Application filed Jan. 23, 1900.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM JOSEPH MURRAY, OF NEW YORK, N. Y.

DEVICE FOR PREVENTING REFILLING OF VESSELS.

SPECIFICATION forming part of Letters Patent No. 683,058, dated September 24, 1901.

Application filed January 23, 1900. Serial No. 2,557. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM JOSEPH MURRAY, a citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Devices for Preventing the Refilling of Vessels; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in a device for preventing the refilling of vessels, and has for its object to provide a device which is simple and inexpensive in construction and easy to operate and also to provide a device that can be fixed in the neck of a bottle or any other vessel and while therein will allow the contents of the vessel to be poured out, but which will not permit the entrance of liquid.

It consists of the features and combination of features, as hereinafter more fully described and specifically claimed.

My invention is illustrated in the accompanying drawing, which shows a central vertical section of the same.

In the drawing, in which like letters of reference denote like parts, A represents the stopper, which is adapted to be inserted and permanently fixed in any vessel desired. The stopper consists of a hollow body portion B, open at the end C and provided with a flange D and closed at the other end by a wall E, which is provided with an outlet-opening F, made inwardly flaring.

G and H are partitions provided with oblique perforations G'.

H' is a bracket provided with a socket I, a lug I', and a beveled portion I² on its under side.

J is a pivoted gravitating valve, one end provided with a head K, adapted to engage the socket I, and a groove K', and the opposite end L weighted and provided with a projection M, adapted to engage and be seated in the outlet-opening F.

N is a weight fixed in the end L.

In order to allow the insertion of the valve, the stopper may be made in two parts and then joined together, or it may be made in any other suitable manner.

The operation is as follows: The stopper is placed in the neck of the vessel and either

cemented or fused therein. When it is desired to remove the contents of the vessel, it is tilted, causing the valve to turn in the socket, and thus uncover the outlet-opening, and the liquid will run out. Should any attempt be made to refill the vessel, the valve will close the outlet-hole and prevent it.

Having thus described my invention, what I claim is—

1. A device for preventing the refilling of vessels comprising a hollow stopper adapted to be inserted in the mouth of a vessel, and provided with an outlet-opening in the bottom, a bracket above said bottom, and a valve pivoted to the under side of the bracket, substantially as described.

2. A device for preventing the refilling of vessels comprising a hollow stopper adapted to be inserted in the mouth of a vessel and provided with an outlet-opening in the bottom, a bracket above said bottom beveled on its lower surface, a valve pivoted to the under side of the bracket the movement of which is limited by abutting against the beveled surface of the bracket, and a series of perforated partitions, substantially as described.

3. A device for preventing the refilling of vessels comprising a hollow stopper adapted to be inserted in the mouth of a vessel and provided with an outlet-opening in the bottom, a bracket above said bottom beveled on its under surface and provided with a lug, and a valve having a groove with which said lug engages, substantially as described.

4. A device for preventing the refilling of vessels comprising a hollow stopper adapted to be inserted in the mouth of a vessel and provided with an outlet-opening in the bottom, a bracket above said bottom beveled on its under surface and provided with a lug, a socket between the bottom of the stopper and the bracket, a valve having a head adapted to engage said socket, and a groove with which the lug on the bracket engages, and a series of perforated partitions, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM JOSEPH MURRAY.

Witnesses:

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