

O. DIERKING.
Vessel for Mixing Liquid Compounds.
No. 219,349. Patented Sept. 9, 1879.

Fig. 1.

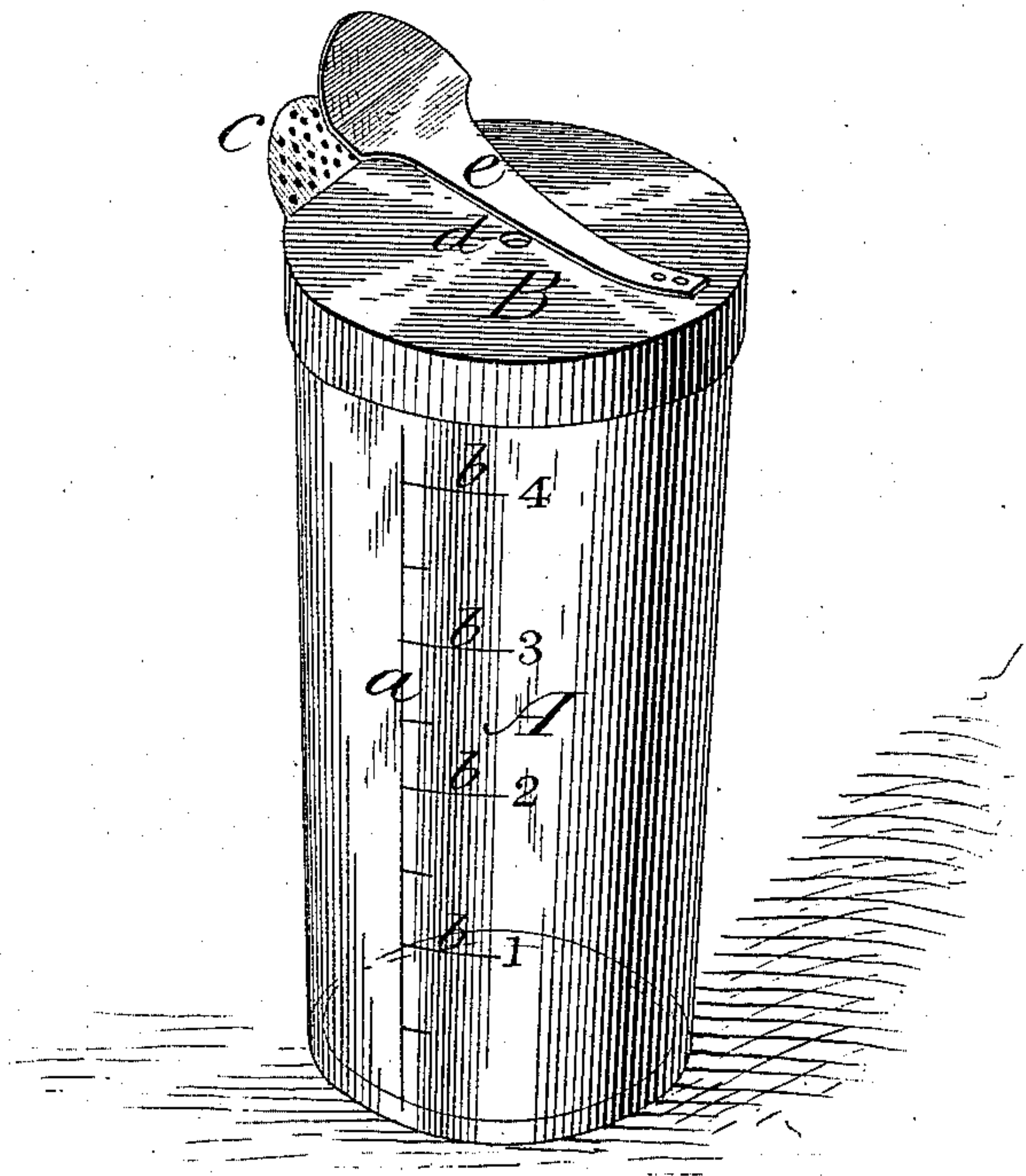
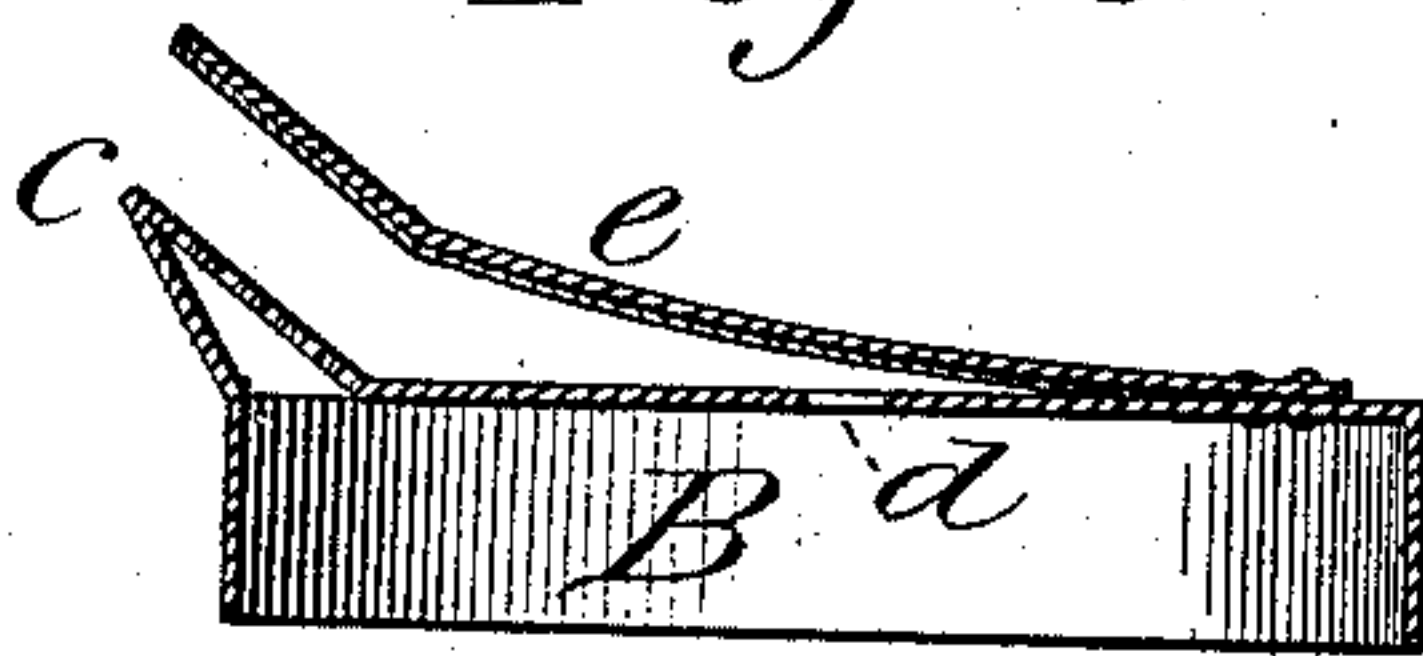


Fig. 2.



Attest:

B. H. Chadbourne.
A. A. Brillaw.

Inventor:

Otto Dierking

UNITED STATES PATENT OFFICE.

OTTO DIERKING, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN VESSELS FOR MIXING LIQUID COMPOUNDS.

Specification forming part of Letters Patent No. **219,349**, dated September 9, 1879; application filed February 14, 1879.

To all whom it may concern:

Be it known that I, OTTO DIERKING, of the city of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Vessels for Mixing Liquid Compounds, of which the following is a specification.

The invention consists in the combination of a transparent receiving-vessel provided with gage-marks denoting quantity with a tightly-fitting metallic cap or cover constructed with a strainer and vent-hole capable of being opened and closed by the operation of a stop-key.

In the accompanying drawings, in which similar letters of reference indicate like parts, Figure 1 is a perspective of a device embodying my invention. Fig. 2 is a view of the metallic cap or cover, with the strainer, vent-hole, and stop-key therewith connected.

Referring to said drawings, A is the transparent receiving-vessel, having an engraved vertical line, *a*, through its entire length, from which the gage-marks *b b b b* extend at right angles, being numbered, respectively, 1 2 3 4 at their terminal points.

It is obvious that these gage-marks may be indicated in various ways and extended indefinitely.

B is the metallic cap or cover, having a strainer, C, in the form of a lip, the inner face

whereof is perforated in a suitable manner. *d* is a vent-hole at or near the center of the cover, and *e* is the stop-key, which is held open by its own spring, and which, upon being pressed downward, closes both the vent-hole and the strainer against leakage.

The operation of the device is as follows: The liquid ingredients to be mixed and combined are first poured into the receiving-vessel A, the cover B is then applied, and the stop-key *e* pressed down upon the vent-hole and strainer. The ingredients are then thoroughly mixed by agitation, after which they are poured off through the strainer.

This device admits of the use of a single receiving-vessel, and insures correct proportions in the mixture of liquids, which old methods do not provide for.

I claim as my invention—

The combination of a transparent receiving-vessel provided with gage-marks with a tightly-fitting cap or cover constructed with a strainer and vent-hole, and having a stop-key held open by a spring when not under pressure, constructed and operated substantially as and for the purposes herein described.

OTTO DIERKING.

Witnesses:

B. H. CHADBURN,
A. A. BRITTAN.