

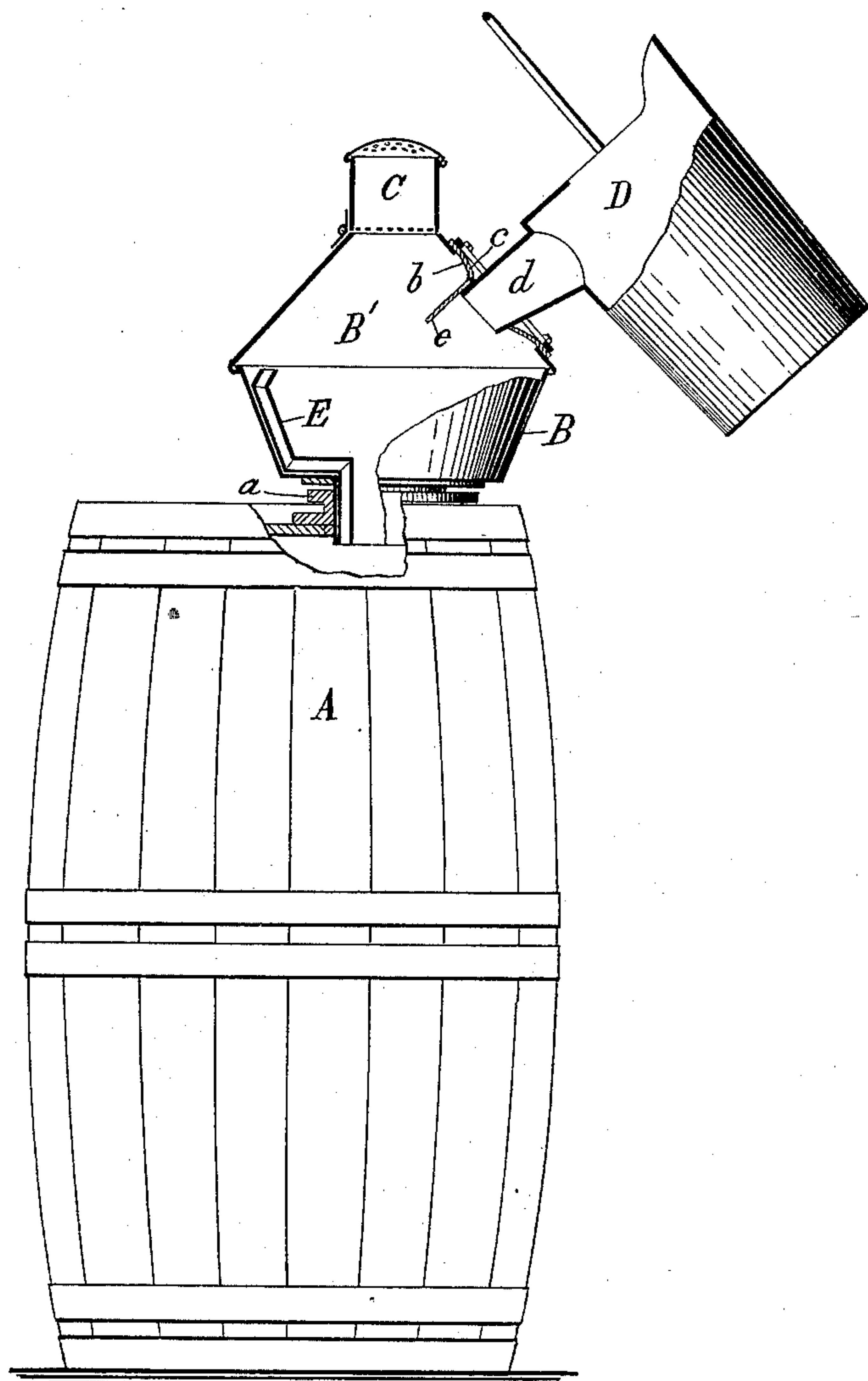
(No Model.)

R. A. McCAULEY.

ODORLESS EXCAVATING APPARATUS.

No. 285,288.

Patented Sept. 18, 1883.



-WITNESSES-

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# UNITED STATES PATENT OFFICE.

REUBEN A. McCAULEY, OF BALTIMORE, MARYLAND.

## ODORLESS EXCAVATING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 285,288, dated September 18, 1883.

Application filed May 22, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, REUBEN A. McCAULEY, of the city of Baltimore and State of Maryland, have invented certain Improvements in Sink-Cleaning Apparatus, of which the following is a specification.

This invention relates to certain improvements in apparatus, whereby the contents of vaults and sinks may be transferred to a suitable receptacle without offense and without the use of a pump.

The drawing forming a part hereof is a side elevation of the improved apparatus with certain parts thereof removed to show the interior arrangement.

A is a barrel, having a filling-hole in the upper head, and a bush, *a*, secured to the upper surface of the same and around the said hole. This bush is adapted to receive a cap (not shown) of any appropriate construction, whereby the barrel may be closed during transportation.

B is a removable funnel, the lower end of which is of such size as to fit neatly within the bush *a*.

B' is a conical cover for the funnel B, and it has an entrance-opening, *b*, and an india-rubber packing-gasket, *c*, which extends some distance within the said opening.

C is a deodorizing device secured to the upper end of the conical cover B'. This deodorizing device is shown as a vessel with a barred or perforated bottom and a perforated cap,

whereby it is fitted to hold burning charcoal or a sponge saturated with some deodorizing liquid; but I do not confine myself to any particular construction of deodorizing device.

D is a bucket, having a tapering nozzle, *d*, of such size as to fit tightly within the gasket *c*.

E is an air-pipe to give free vent for gases from the barrel to the deodorizing device in the filling operation.

It will be seen that the gasket has a flap, *e*, which, upon the withdrawal of the bucket-nozzle from the gasket, closes or partially closes the aperture. I do not, however, attach much importance to this flap, as it is only during the filling process that gases are forced from the barrel, and it will be seen that during the filling operation the gasket is closed by the bucket-nozzle and sealed with the material discharged from the bucket.

I claim as my invention—

In a sink-cleaning apparatus, a barrel, a removable funnel having a cover carrying a deodorizing device, and provided with a filling-aperture with a flexible packing-gasket, the inner edge of which extends within the said filling-aperture, and a bucket with a nozzle of greater diameter than the interior of the said packing-gasket, whereby a tight joint is produced, substantially as specified.

REUBEN A. McCAULEY.

Witnesses:

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