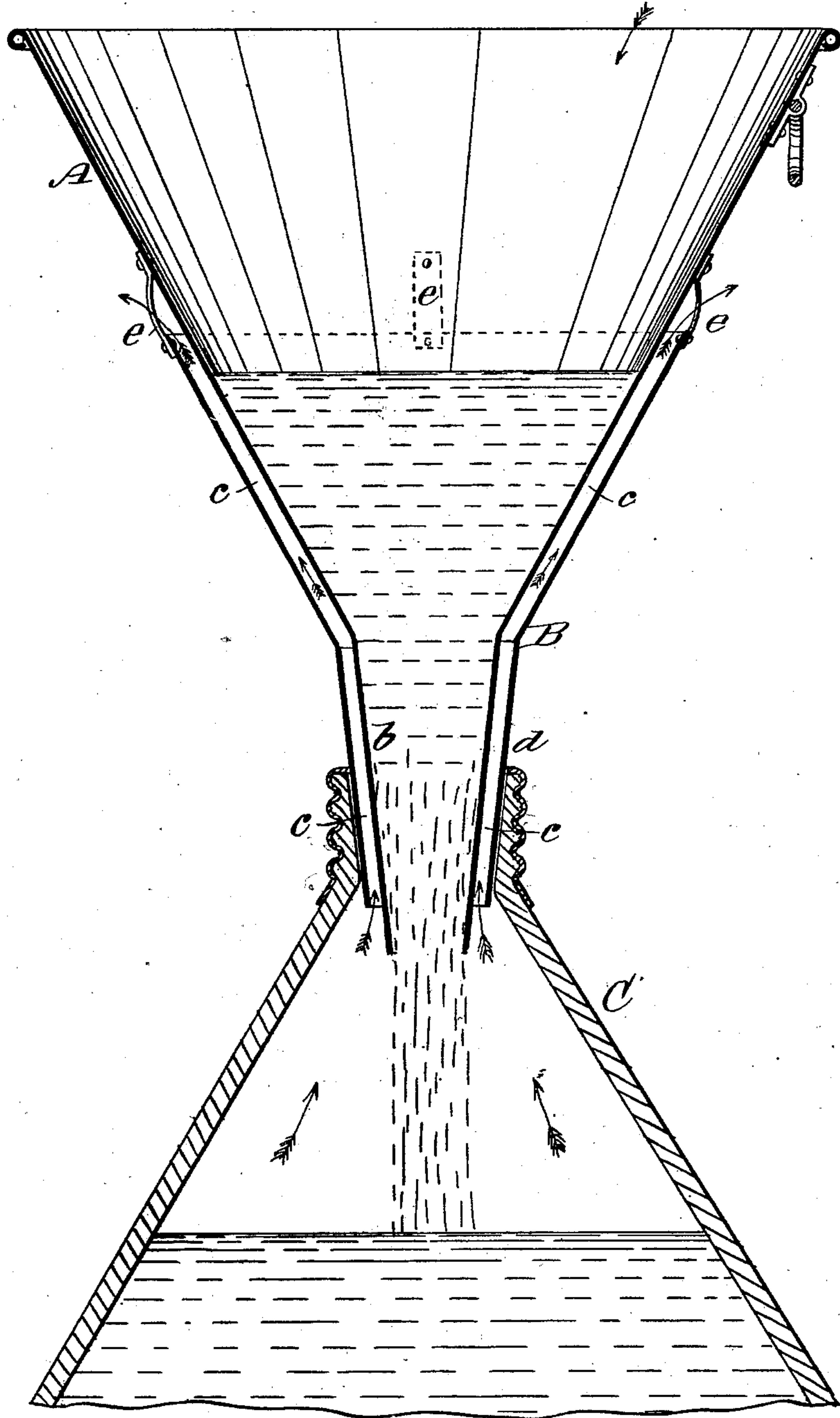


(No Model.)

H. E. GIFFORD.  
FUNNEL.

No. 279,739.

Patented June 19, 1883.



WITNESSES:

*Theo. G. Hoster*  
*L. Sedgwick*

INVENTOR:

*H. E. Gifford*  
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ATTORNEYS.

# UNITED STATES PATENT OFFICE.

HARRY E. GIFFORD, OF NEW BEDFORD, MASSACHUSETTS.

## FUNNEL.

SPECIFICATION forming part of Letters Patent No. 279,739, dated June 19, 1883.

Application filed December 18, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, H. E. GIFFORD, of New Bedford, Bristol county, Massachusetts, have invented an Improvement in Funnels, of which  
5 the following is a specification.

The invention relates to that class of funnels in which provision is made for the escape of air from the vessel which is being filled. It will first be described in connection with all  
10 that is necessary to a full understanding thereof, and then pointed out in the claim.

The figure of drawing is a sectional elevation, showing my invention applied.

A represents a liquid-funnel; B, an air-funnel; C, a vessel being filled; *b d*, the funnel-spouts, which enter the neck of the vessel, and  
15 *c* the intermediate space for the escape of air. Substantially this construction and arrangement of parts are well known in this branch  
20 of arts, and my object is to hold these funnels in such local relation that ribs will be rendered unnecessary in either funnel, and the holes,

so liable to clog in the liquid-funnel, will be dispensed with entirely. In order to accomplish this object, I employ the attachments *e*,  
25 which are riveted at their lower ends to the top of funnel B and at their upper ends to the outside of the funnel A. This serves to keep always clear and unobstructed the intermediate space, *c*, and also supports the liquid-funnel A above and upon the funnel B.  
30

Having thus described my improvement in connection with two funnels, what I claim as new is—

The combination, with the liquid-funnel A  
35 and air-funnel B, of the attachments *e*, riveted at their lower ends to the top of funnel B and at their upper ends to the funnel A, as shown and described.

HARRY E. GIFFORD.

Witnesses:

OLIVER E. GIFFORD,  
ARTHUR E. PERRY.