

No. 828,744.

PATENTED AUG. 14, 1906.

H. A. KEINER.

CAN.

APPLICATION FILED DEC. 7, 1905.

Fig. 3.

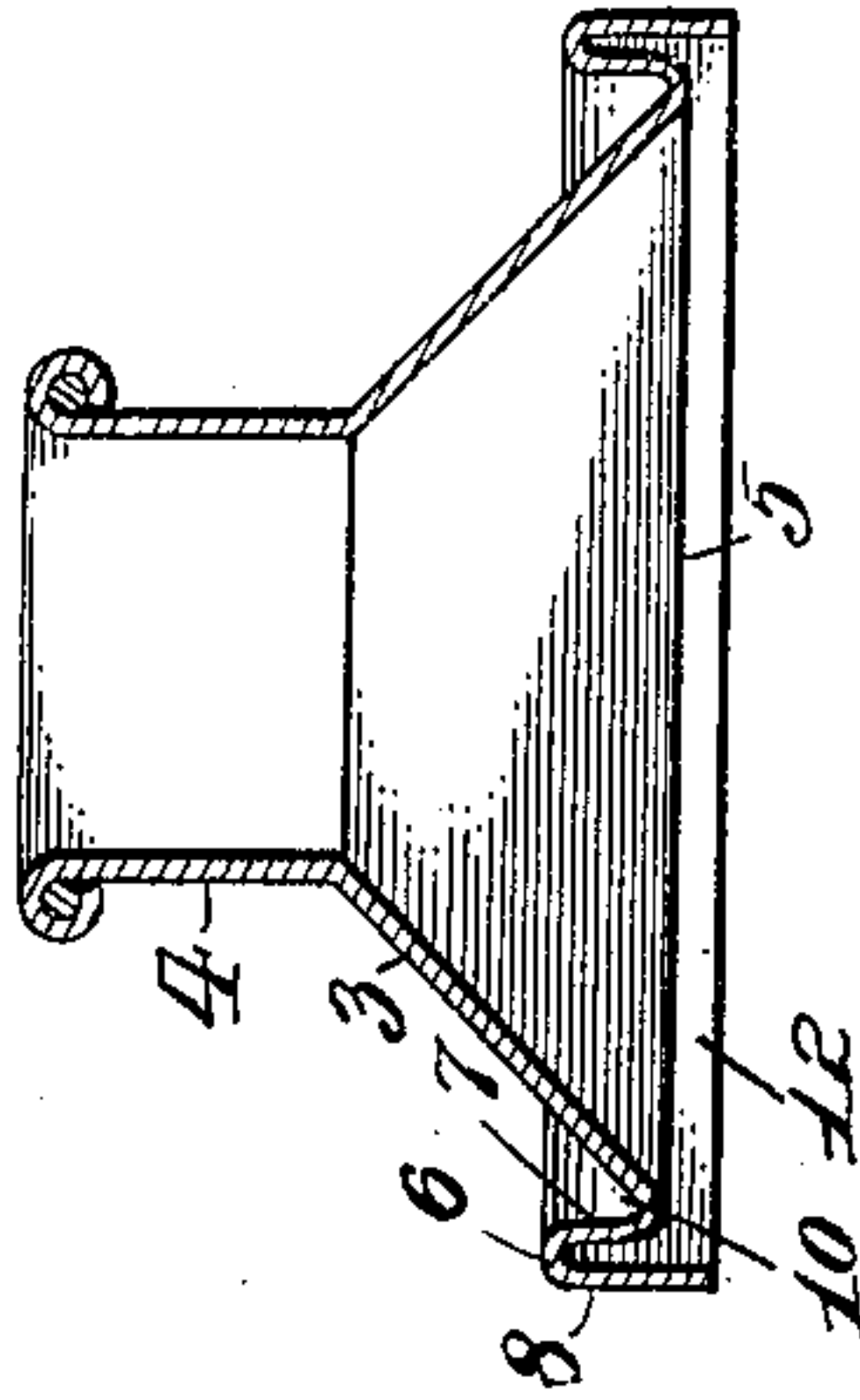


Fig. 2.

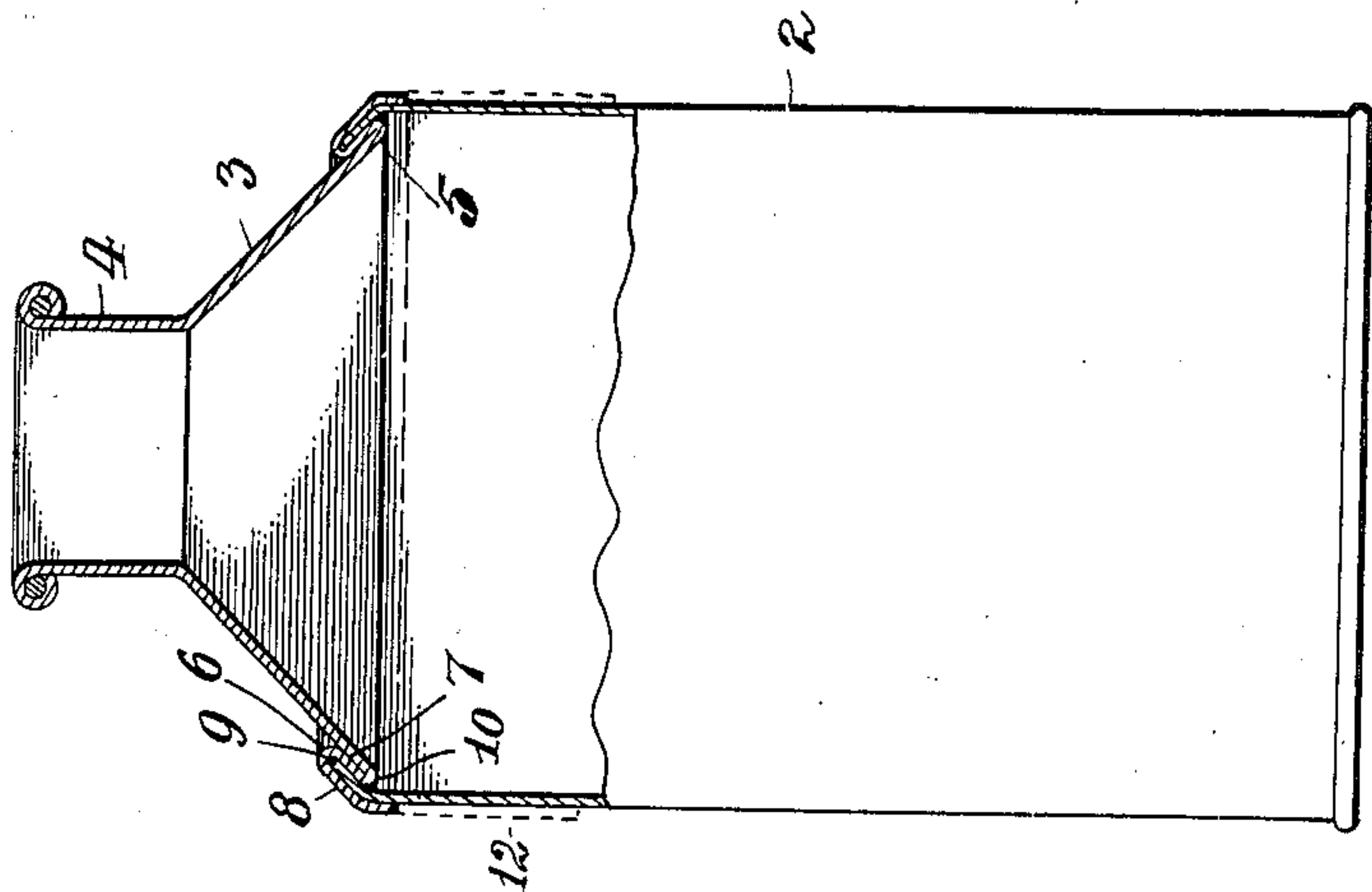
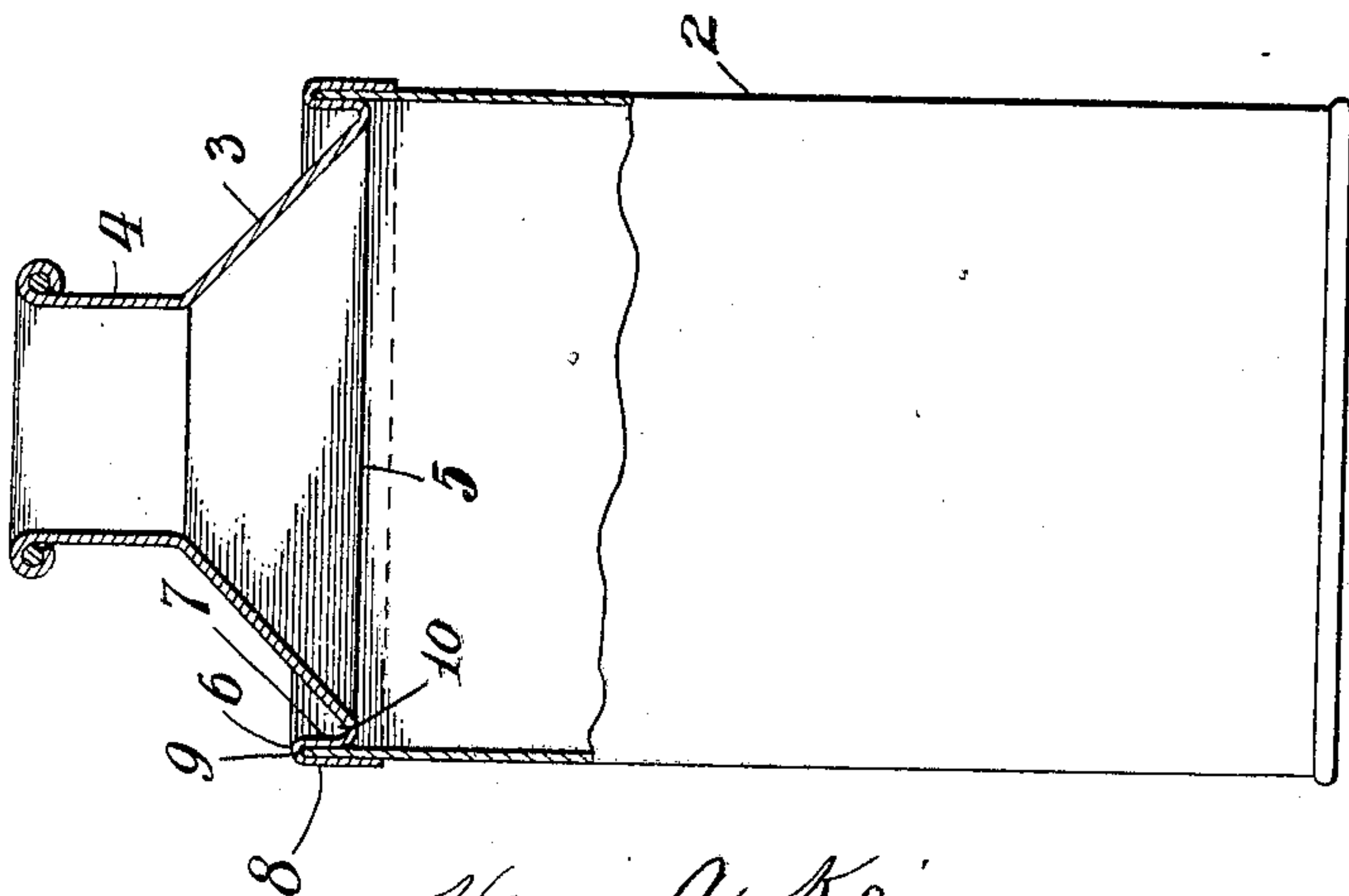


Fig. 1.



Attest:
Edgeworths
W. J. McGinn

Henry A. Keiner Inventor:
by *H. Albertus West*
Att'y.

UNITED STATES PATENT OFFICE.

HENRY A. KEINER, OF NEW YORK, N. Y.

CAN.

No. 828,744.

Specification of Letters Patent.

Patented Aug. 14, 1906.

Application filed December 7, 1905. Serial No. 290,677.

To all whom it may concern:

Be it known that I, HENRY A. KEINER, a citizen of the United States, and a resident of New York city, borough of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Cans, of which the following is a specification.

My invention relates to the construction of sheet-metal vessels or cans, and particularly to milk-cans, the object being to produce a strong and durable can at a reduced cost.

In the accompanying drawings, to which reference is made and which form a part of this specification, Figure 1 is a sectional elevation of the body, breast, and neck of a milk-can illustrating my invention. Fig. 2 is a like view of the complete can, and Fig. 3 is a detailed view of the breast of the can.

In the drawings, 2 designates the body of the can, 3 the tapering breast thereof, and 4 the neck. The lower edge of the breast 3 is formed with two folds or bends 5 6, the latter elevated above the other, forming the inner flange 7 and the outer flange or lip 8. The upper edge 9 of the body of the can is of proper diameter to fit in the upper bend or fold 6, so as to surround the lower bend or fold 5. In the form shown the breast 3 of the can is tapering, so that a V-shaped recess 10 is formed by the said bends or folds, as shown clearly in Fig. 1. When the body and breast are put together, as shown in Fig. 1, the joint is firmly pressed together, as shown

in Fig. 2, laying the flanges 7 and 8 and the edge 9 flat against the tapering outer surface of the breast 3, closing the recess 10. In this way the upper edge 9 of the body is contracted and reduced in diameter and caused to embrace the breast, forming a firm and yet comparatively cheap joint. The four thicknesses of metal forming the joint may be brazed or soldered together, as desired. In the form shown in dotted lines in Fig. 2 the flange is extended to form a shield 12 to the body 2 of the can.

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

A sheet-metal vessel or can having a tapering breast 3, shaped to form a bend or fold 5, in the lower portion of said breast which bend or fold forms an upwardly-projecting inner flange 7, said breast having also another bend or fold 6, above the said bend or fold 5, forming an outer flange or lip 8, in combination with a main body 2, whose upper edge is held between the said inner flange 7 and the said outer flange or lip 8, the flanges 7 and 8 and the upper edge 9 of the body being folded at an angle over and down upon the tapering surface of the said breast of the can, substantially as described.

HENRY A. KEINER.

Witnesses:

WALTER G. SCARDEFIELD,
GEORGE W. PORTENGALL.