

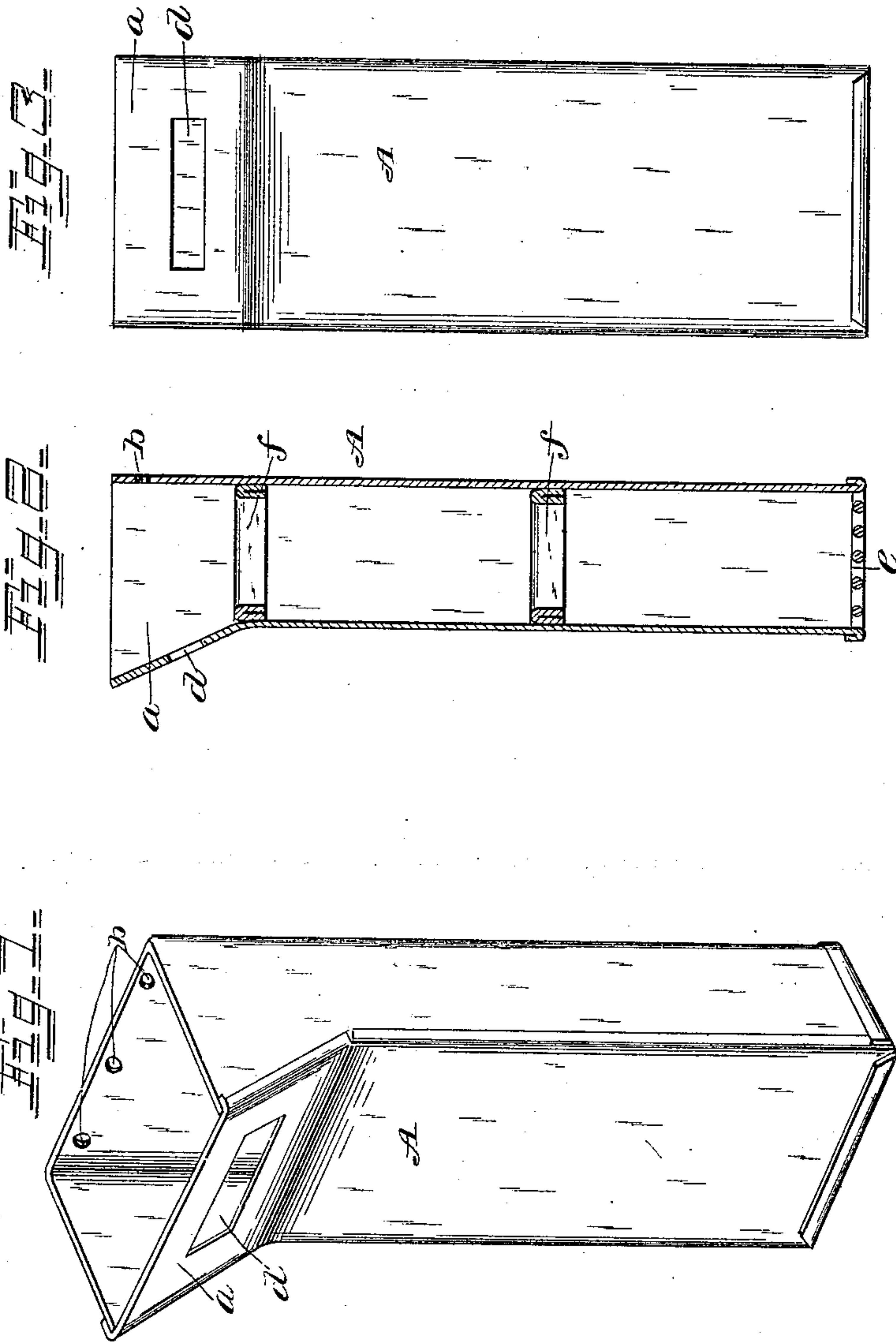
(No Model.)

J. CASTELL.

ICE RECEPTACLE FOR REFRIGERATORS.

No. 335,425.

Patented Feb. 2, 1886.



WITNESSES.

*H. J. Schneider.*  
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INVENTOR.

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*By [Signature]*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

JAMES CASTELL, OF BLUE RAPIDS, KANSAS.

## ICE-RECEPTACLE FOR REFRIGERATORS.

SPECIFICATION forming part of Letters Patent No. 335,425, dated February 2, 1886.

Application filed July 8, 1885. Serial No. 170,979. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES CASTELL, a citizen of the United States of America, residing at Blue Rapids, in the county of Marshall and State of Kansas, have invented certain new and useful Improvements in Refrigerators, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention pertains to improvements in refrigerators, more particularly to the ice-receptacle, the same having for its object to promote the circulation of air-currents through the body of ice to produce a better or purer  
15 air in the provision-chambers; and the invention consists of the detailed construction of the hereinafter described and claimed parts.

In the accompanying drawings, Figure 1 is a perspective view of my improvement. Fig.  
20 2 is a sectional elevation, and Fig. 3 is a front elevation, of the same.

In the organization of my invention I construct of suitable material, preferably galvanized iron or zinc, an ice chamber or receptacle, A, in general shape or form rectangular,  
25 with its upper part, however, formed with a forwardly-inclined and flared surface, *a*, widening the upper end of the receptacle or chamber into a hopper, which function it is thus  
30 adapted to have to facilitate the placing of the ice therein. In the rear side of this end of the receptacle or chamber are holes *b* for the insertion of screws or nails or other suitable fastenings for securing the same within the  
35 refrigerator-casing, to the back part thereof. In the front flared surface of the hopper *a* is an opening, *d*, preferably oblong, for the entrance of the warmer impure air of the provision-chambers of the refrigerator to the ice,  
40 while in the bottom end of the receptacle or chamber is a series or number of cold-air apertures, *e*, which may be formed by securing across and within said end a series or number of bars or rods, as shown. The warmer im-

pure air of the provision-chambers, entering  
the upper or hopper end of the ice receptacle  
or chamber through the opening *d* in accordance with the natural law governing the air-currents, will, upon coming into contact with  
the ice, be cooled, and thereby be precipitated,  
50 causing it to pass down through the ice and out through the bottom openings of the ice-chamber and again into the provision-chambers, having been thus purified by the refrigerant action of the ice.

From the foregoing it will be seen that a continuous current of cold air will be produced to exert a continuous purifying effect in the provision-chambers, which is the greatly-desired end in the construction of refriger-  
60 ators, the same keeping its contents in the best possible state of preservation.

The casing of the ice receptacle or chamber may be, and is in the present instance, strengthened or braced by securing or fastening at different intervals throughout its length to and  
65 entirely around its inner sides metallic straps *f*, preferably of double thickness, which thickening of the straps may be best attained by folding or doubling the straps upon themselves, as shown.

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

A refrigerator ice-receptacle consisting of  
75 the front side having its upper end flared and provided with an oblong aperture or opening therein, the rear side having nail-apertures, the bars or rods secured at the lower inner end, and the braces secured at intervals  
80 along its inner side, substantially as shown and described.

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

JAMES CASTELL.

Witnesses:

SAMUEL DESPRES,  
ARCHIBALD E. FREER.