

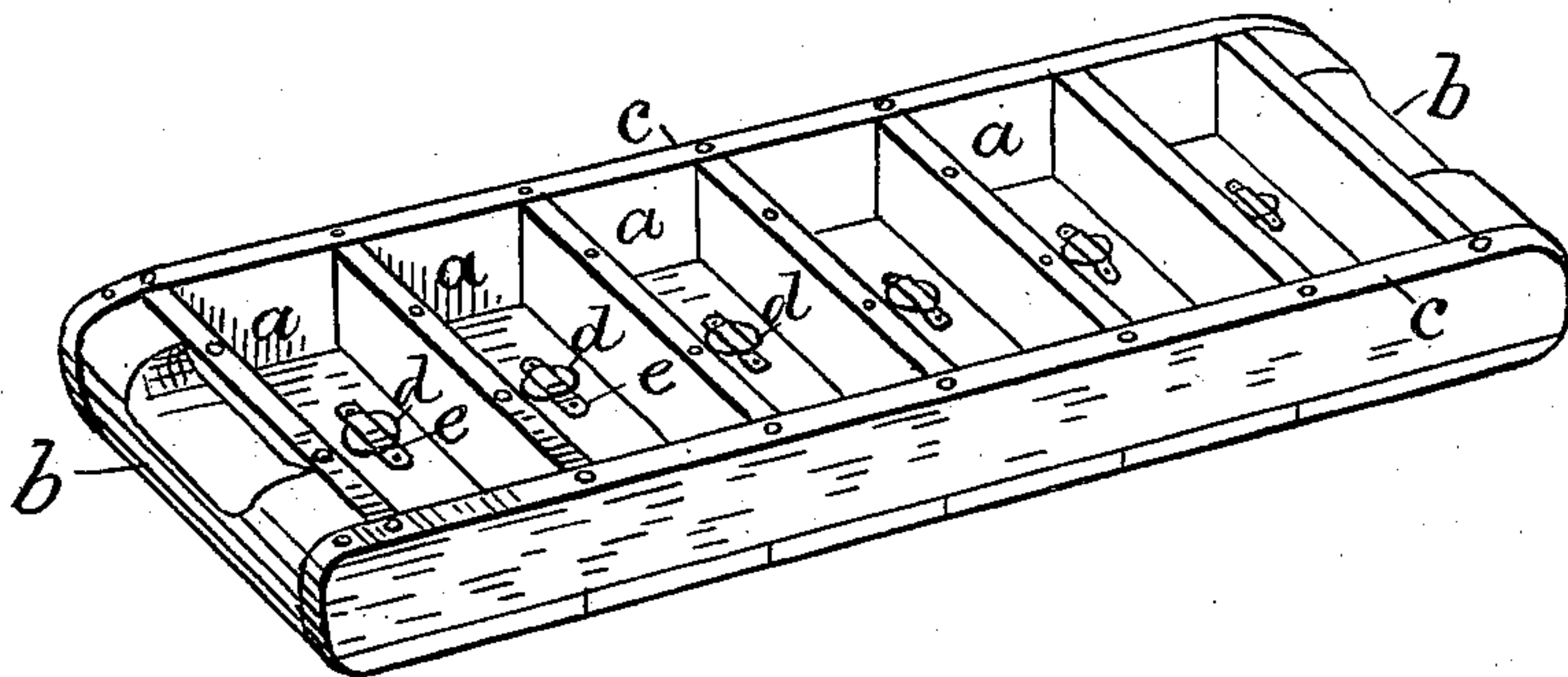
(No Model.)

C. F. KAUL.  
BRICK MOLD.

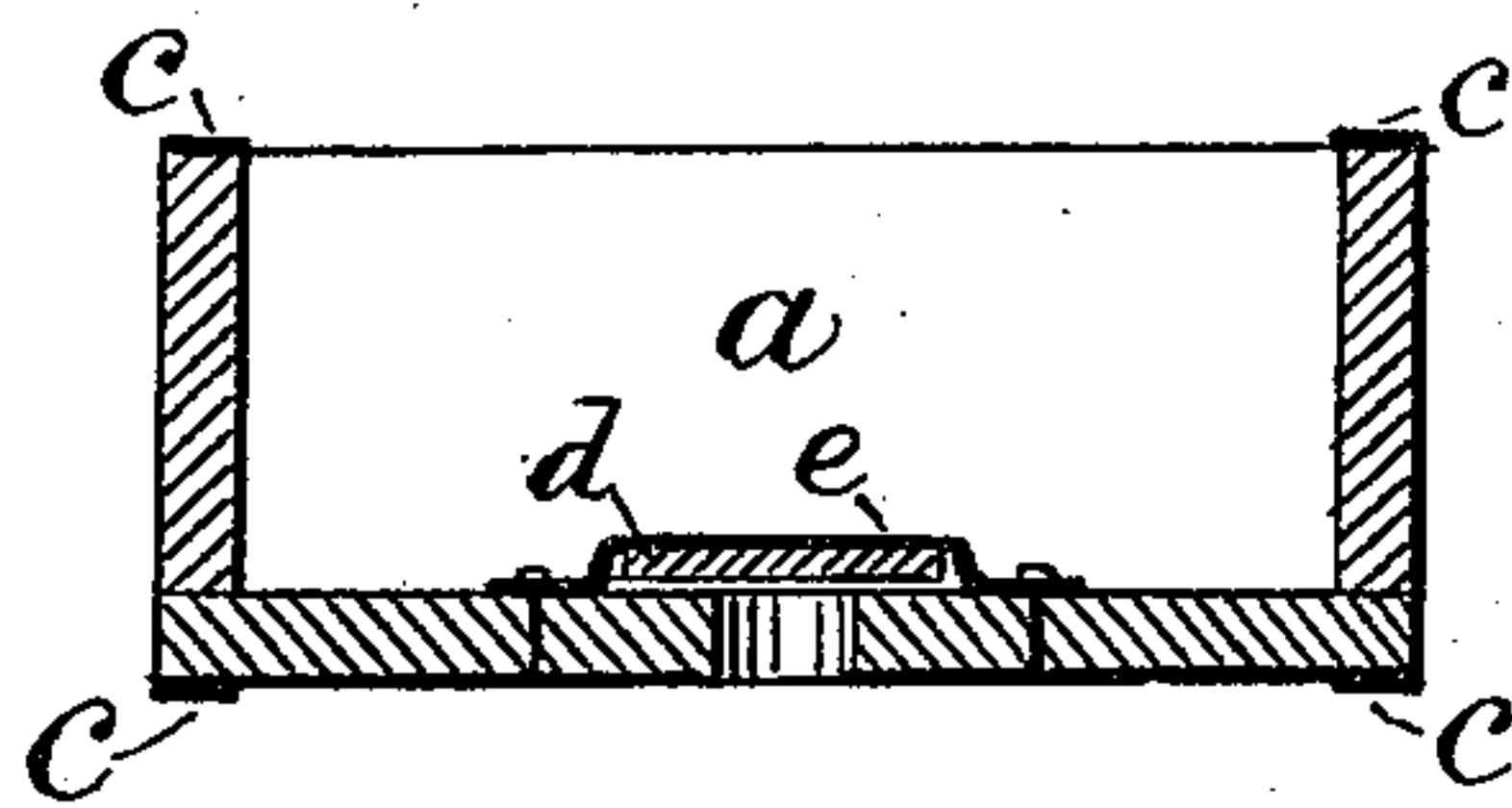
No. 510,265.

Patented Dec. 5, 1893.

*Fig. 1.*



*Fig. 2.*



Witnesses:  
G. B. Towles.  
W. A. Bartlett

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# UNITED STATES PATENT OFFICE.

CARL F. KAUL, OF MADISON, NEBRASKA.

## BRICK-MOLD.

SPECIFICATION forming part of Letters Patent No. 510,265, dated December 5, 1893.

Application filed July 25, 1893. Serial No. 481,450. (No model.)

*To all whom it may concern:*

Be it known that I, CARL F. KAUL, a citizen of the United States of America, residing at Madison, in the county of Madison and State of Nebraska, have invented certain new and useful Improvements in Brick-Molds, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to brick molds, and consists in certain improvements in the construction of the same as hereinafter described and claimed.

In the accompanying drawings—Figure 1 represents a perspective view of a brick mold, provided with my improvements. Fig. 2 is a transverse, vertical section of the same.

The improved mold is intended for use either by hand or in a machine and has several compartments *a*, the bottom, side, end and division pieces being constructed of wood and bound with iron, as seen at *c*. The mold is also provided with a handle *b* at each end as shown. The bottom of the mold is made tight, except as hereinafter stated.

Molds have been heretofore provided with openings in the bottom for the admission of air to facilitate the removal of bricks from the mold; but in practice, the material pressed into the molds to form the bricks would be pressed into such openings, so that ridges or projections would be formed on the bricks and the latter would be liable to become defaced by breaking such projections off. Now in

order to have the advantage of air vents in the mold, without defacing the bricks, I provide an air valve for each compartment of the mold, the said valve being located in the bottom. The said valve may be in any suitable form, but the form which is considered preferable is described as follows: An aperture being made in the bottom of the mold, a disk *d* of rubber, leather, or other suitable material is secured to a thin strip of metal *e*, and is placed over said aperture, the ends of the strip *e* being secured to the bottom of the mold as shown. This form of valve is found in practice, to be very effective, a slight movement being only necessary to start the brick, when the valve opens and the air rushing in, the brick is easily and quickly dislodged.

I claim—

1. In a brick mold, a valve placed in the bottom of the mold for the admission of air, substantially as set forth.

2. The combination with the casing of a brick mold, provided with an aperture in the bottom, of a valve provided with a disk *d*, of flexible material, and a strip of metal *e*, to which said disk is secured, said strip being secured to the bottom of the mold, substantially as set forth and described.

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

CARL F. KAUL.

Witnesses:

J. S. CRUE,  
HOMER W. SUMPTION.