

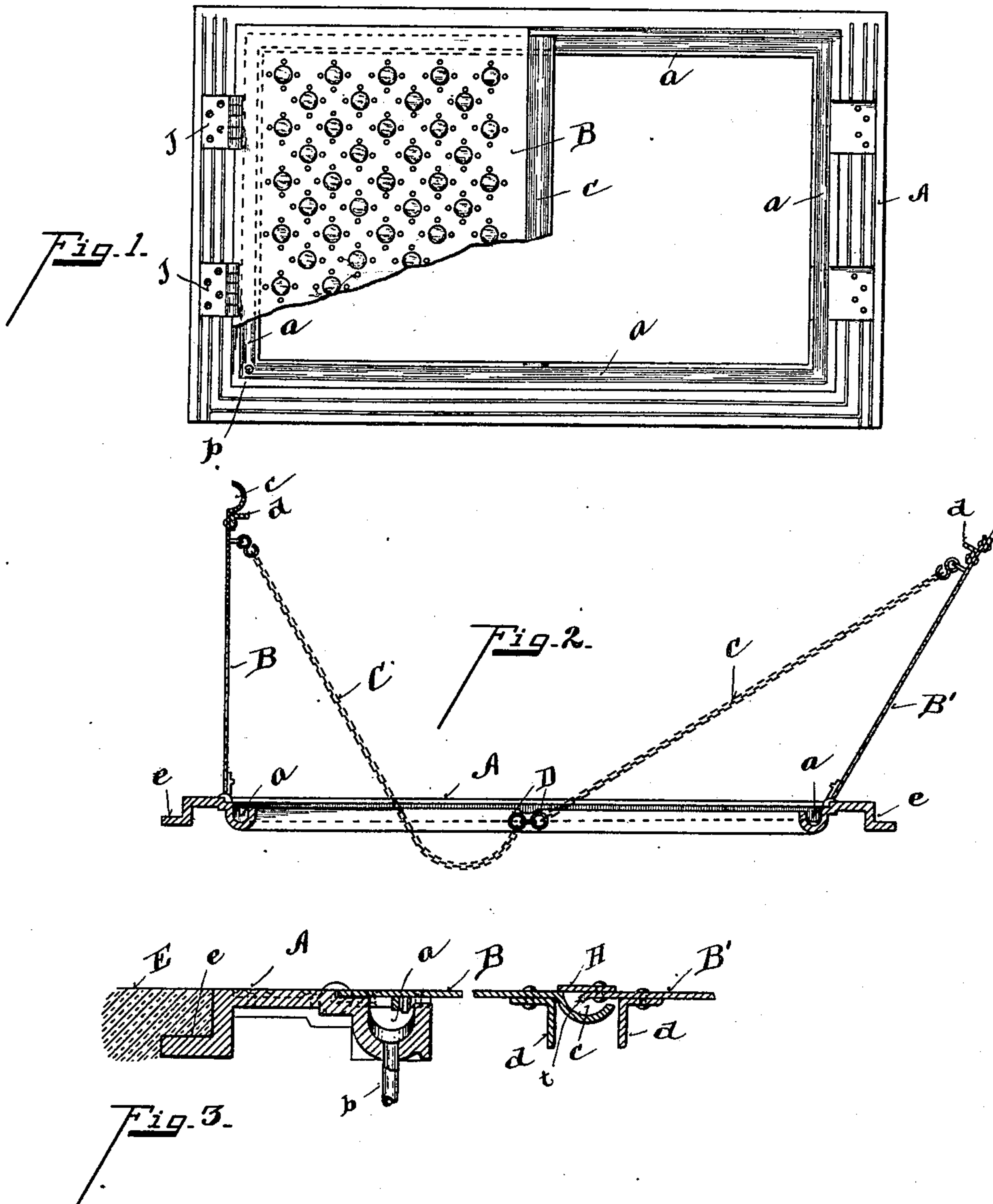
No. 681,985.

Patented Sept. 3, 1901.

C. C. SCHREIBER.
CELLAR DOOR.

(Application filed Apr. 26, 1901.)

(No Model.)



Inventor

Witnesses

Oliver B. Kaiser
Pearl M. Michael

Charles C. Schreiber

By Worrell & Worrell Attorneys

UNITED STATES PATENT OFFICE.

CHARLES C. SCHREIBER, OF CINCINNATI, OHIO, ASSIGNOR TO THE
L. SCHREIBER & SONS COMPANY, OF SAME PLACE.

CELLAR-DOOR.

SPECIFICATION forming part of Letters Patent No. 681,985, dated September 3, 1901.

Application filed April 26, 1901. Serial No. 57,964. (No model.)

To all whom it may concern:

Be it known that I, CHARLES C. SCHREIBER, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Cellar-Doors, of which the following is a specification.

My invention relates to that class of cellar-doors which are placed in the sidewalk.

One object of my invention is to provide a frame which will drain off the moisture which seeps through the joints and at the same time make better joints.

Another object of my invention is to provide a flush cellar-door provided with means for draining off the water which works through the joints.

The features of my invention are more fully set forth in the description of the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a plan view of my improvement, with door-sections removed. Fig. 2 is a central vertical section showing the doors elevated. Fig. 3 is an enlarged central section with the doors closed.

A represents the frame, which is shown made of cast-iron. *a* represents a drain-channel formed integral therewith around the inner margin of the frame. It is provided with drain-holes *b*, which carry the water off.

c represents a cross-channel underneath the central edges of the two doors *B B'* for draining off the moisture which works through the joints. This drain-channel *c* is formed integral with one of the doors *B*. This effectually prevents any water from passing into the cellar underneath the doors.

d represents angle-bars riveted across the door near the inner edge thereof, so as to strengthen the doors and prevent their springing in the center as they are walked over by pedestrians.

C represents chains secured to eyes *D*.

The frame *A* is provided with an offset-ledge *e*, which is embedded under the pavement *E*, as shown in Fig. 3, so as to hold the

frame in rigid position and make it flush with the sidewalk.

The door *B'* is provided with an overlapping strip *H*, secured thereto and resting upon the door *B*.

In order to prevent the moisture from working along under the under surface of the door, I provide a water-lip *t* by the bent-down edge *t* (shown in Fig. 3) under the batten-strip *H*, which forms the front edge of one of the doors and rests upon the opposite door over the cross-gutter *c*.

The form of doors shown in Fig. 1 is a single sheet of metal, in which are inserted vault-lights. The form of the door-face, however, is immaterial.

J represents the hinges for securing the door to the frame.

There are several obvious advantages derived from the use of the invention herein shown and described. The non-leaking doorway is embedded in the sidewalk, from which all the moisture or water passing around the joints of the door is drained off. This prevents the moisture from entering into the cellar or cellar-way. At the same time it prevents accumulation of the water and the freezing of the same, causing the doors to stick in their frames, avoiding the necessity of thawing them out before the doors can be opened. The construction is simple, strong, and durable.

Having described my invention, what I claim is—

In combination with a door-frame having an inner marginal drain, a pair of doors hinged to said frame, one of which doors is provided with a drain at the jointed edge and the other door provided with a batten-strip and having a water-lip on the edge of the door, substantially as specified.

In testimony whereof I have hereunto set my hand.

CHARLES C. SCHREIBER.

Witnesses:

OLIVER B. KAISER,
PEARL MCMICHAEL.