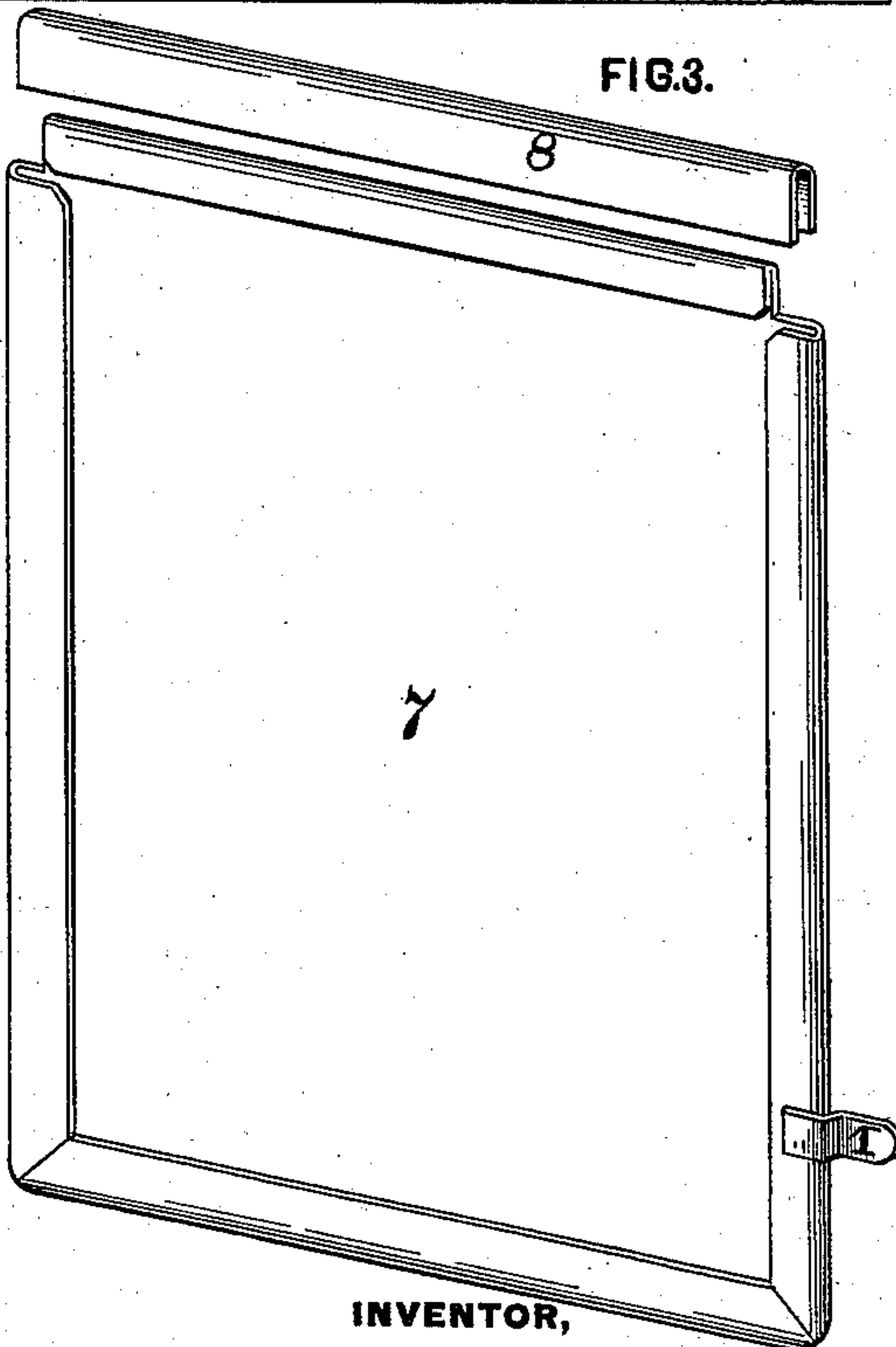
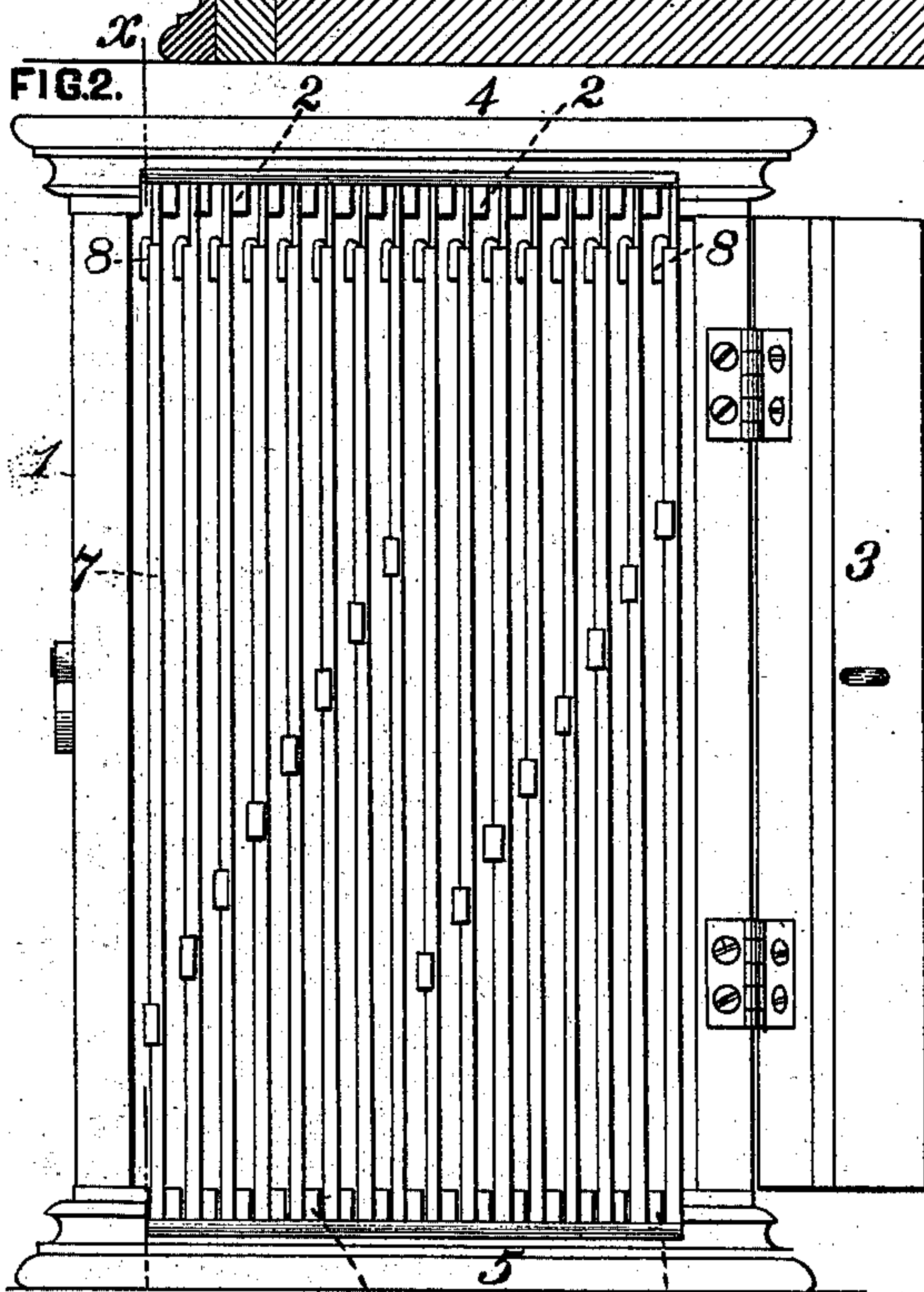
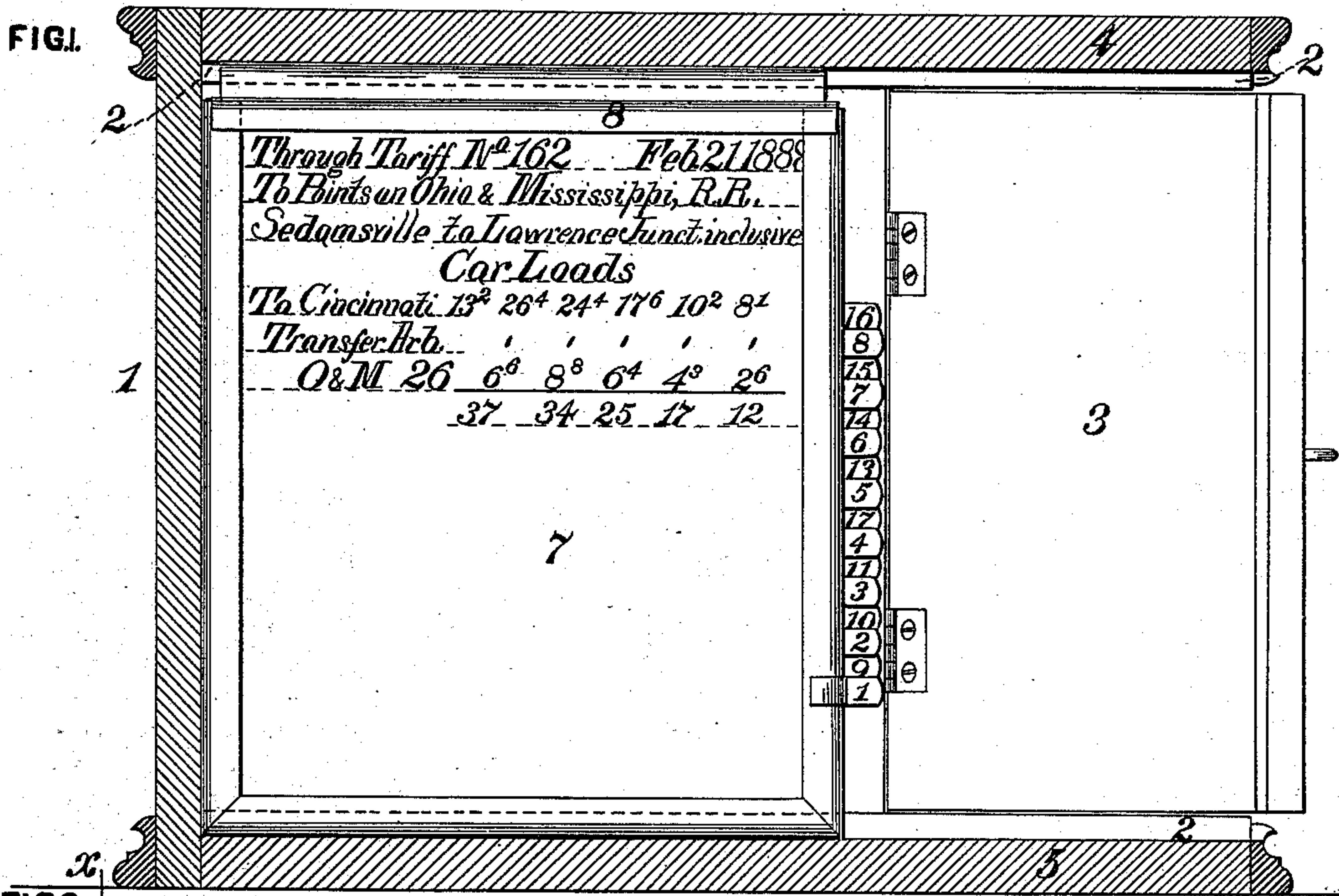


(No Model.)

J. A. RHOADS.
FILE BOX.

No. 402,195.

Patented Apr. 30, 1889.



WITNESSES:
E. Newell.
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Att'y.

UNITED STATES PATENT OFFICE.

JONATHAN A. RHOADS, OF EAST LIVERPOOL, OHIO, ASSIGNOR OF ONE-HALF TO GEORGE M. IRWIN, OF PITTSBURG, PENNSYLVANIA.

FILE-BOX.

SPECIFICATION forming part of Letters Patent No. 402,195, dated April 30, 1889.

Application filed August 20, 1888. Serial No. 283,252. (No model.)

To all whom it may concern:

Be it known that I, JONATHAN A. RHOADS, a citizen of the United States, residing at East Liverpool, in the county of Columbiana and State of Ohio, have invented or discovered certain new and useful Improvements in File-Boxes, of which improvements the following is a specification.

The invention described herein relates to certain improvements in file-boxes for storing charts or other papers, to which a frequent reference may be required, and the invention has for its object a construction of box or case in which the charts or papers may not only be filed in such order as to be easily accessible for reference, but may be supported in such position as will permit of the examination of the chart or papers.

In general terms, the invention consists in the construction and combination of parts or elements, all as more fully hereinafter described and claimed.

In the accompanying drawings, forming a part of this specification, Figure 1 is a sectional elevation of my improved file-box, showing the door open. Fig. 2 is an end view of the same, the door being open; and Fig. 3 is a perspective view of one of the carriers.

In the practice of my invention I form a box or case, 1, of a height and length dependent upon the size of the charts or other papers to be filed therein, and of a width dependent upon the number and thickness of such charts.

In the top and bottom of the box, inside of the same, is formed a series of grooves, 2, arranged directly opposite each other, for the reception of the upper and lower edges of the charts or papers to be stored therein.

The box is provided with a door, 3, one end of said door constructed to swing between the extensions 4 and 5 of the top and bottom of the box. In the inner surfaces of these extensions are formed grooves arranged in line with the grooves 2 and adapted to support the charts or papers in a convenient position when drawn out for the purpose of inspection.

When it is desired to file comparatively

thin papers, I provide a carrier, 7, preferably formed of a plate having its side and lower edges turned over, as shown in Fig. 3, forming a groove for the reception of the edges of the paper, which is held in place by a U-shaped strip, 8, constructed to fit over the ends of the bent-over portions of the plate and hold the papers in place. This keeper or locking-strip 8 also forms a guide-shoulder, when in position, to guide the carriers in their movements along the grooves—i. e., prevents a tipping and consequent jamming of the carriers as they are slipped in and out of the box.

It will be understood that the terms "top," "bottom," and "sides" are merely relative, and that the box is capable of use in any desired position—as, for example, the box may be laid on one side, in which case the top and bottom would become the sides, and the parts 4 and 5 would be extensions or prolongations of such sides.

I claim herein as my invention—

1. A file-box having two opposite sides extended beyond the body of the box, the inner surfaces of said sides and extensions being provided with grooves for the reception of papers, substantially as set forth.

2. A file-box having two opposite sides extended beyond the body of the box, the inner surfaces of said sides and extensions being provided with grooves, in combination with a series of two or more carriers arranged in said grooves, substantially as set forth.

3. A file-box having two opposite sides extended beyond the body of the box, the inner surfaces of said sides and extensions being provided with grooves, in combination with a series of two or more carriers, each carrier provided with retaining-grooves, and a keeper or locking-strip constructed to hold the papers in the carrier and to serve as a guide for the carrier, substantially as set forth.

In testimony whereof I have hereunto set my hand.

JONATHAN A. RHOADS.

Witnesses:

H. R. HILL,

E. D. MARSHALL.