

No. 887,329.

PATENTED MAY 12, 1908.

C. F. IGELMANN.
CRACKER AND CAKE BOX RACK.

APPLICATION FILED NOV. 9, 1904.

Fig. 1.

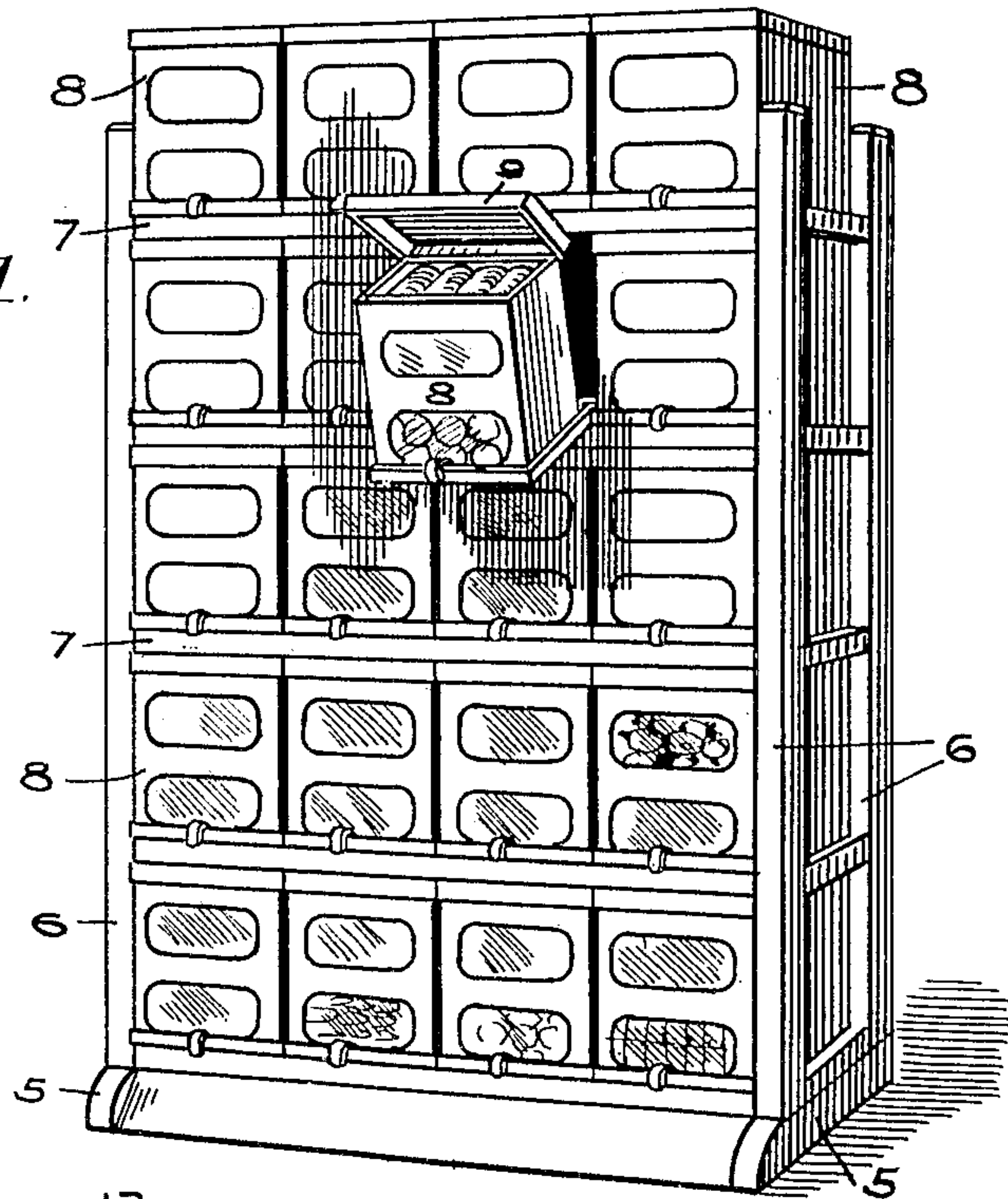


Fig. 2.

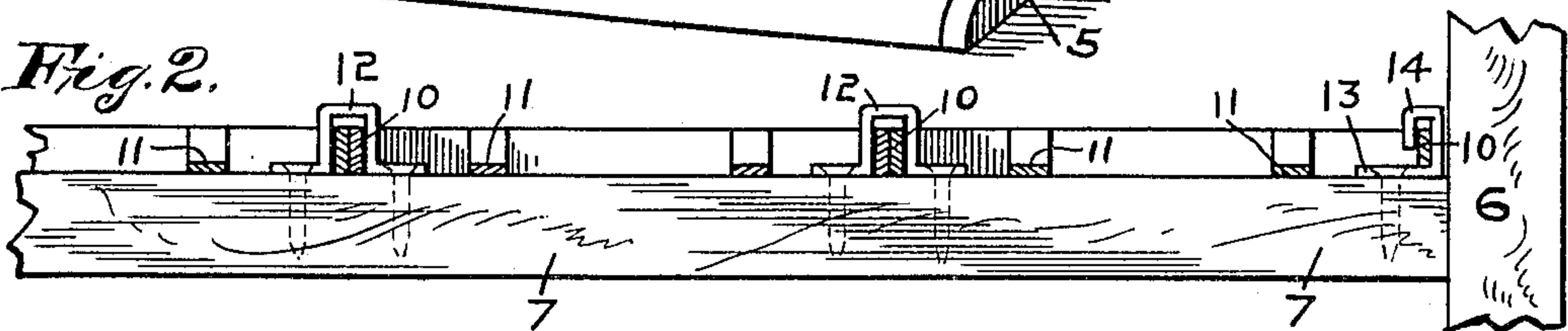


Fig. 3.

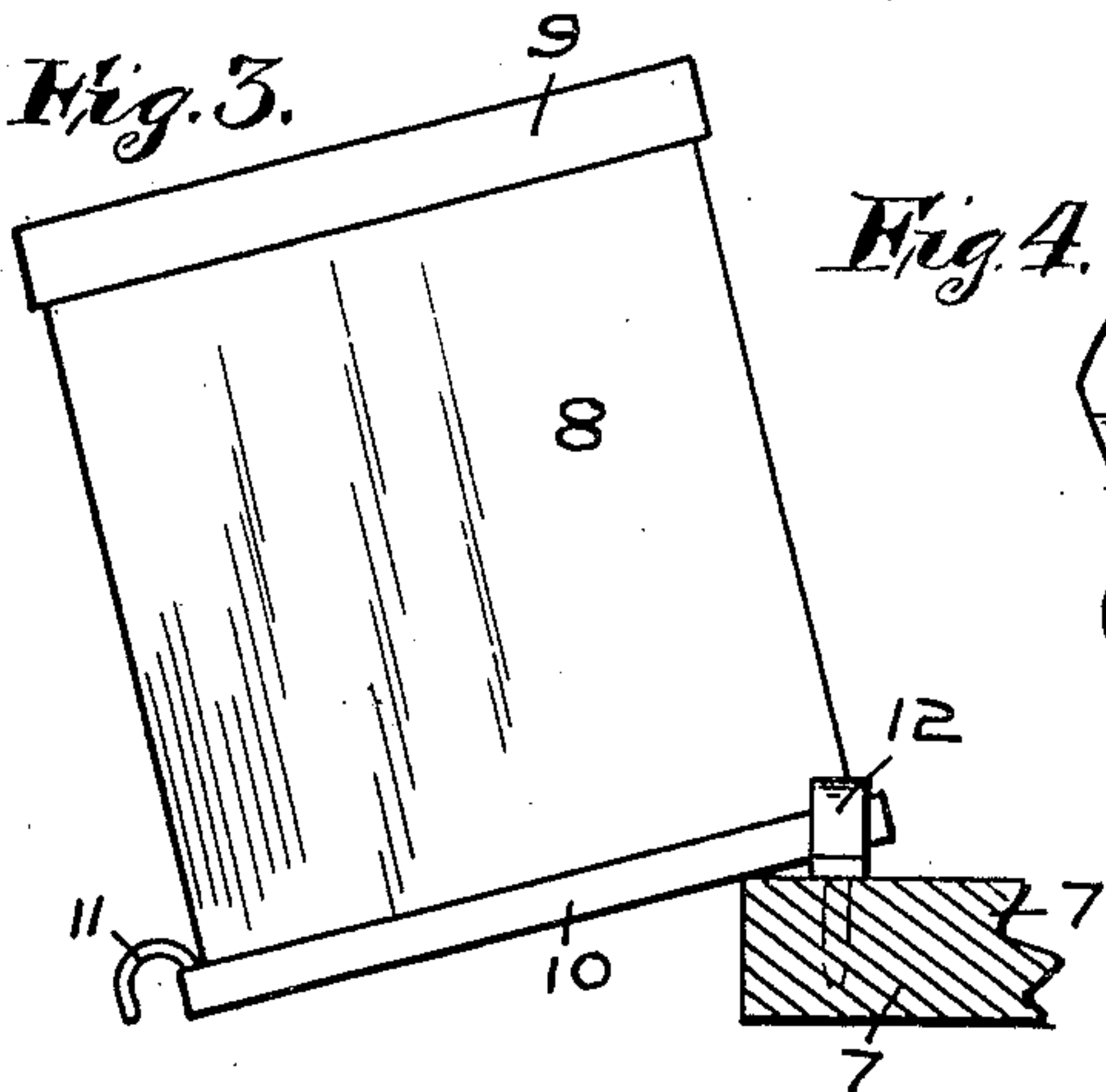
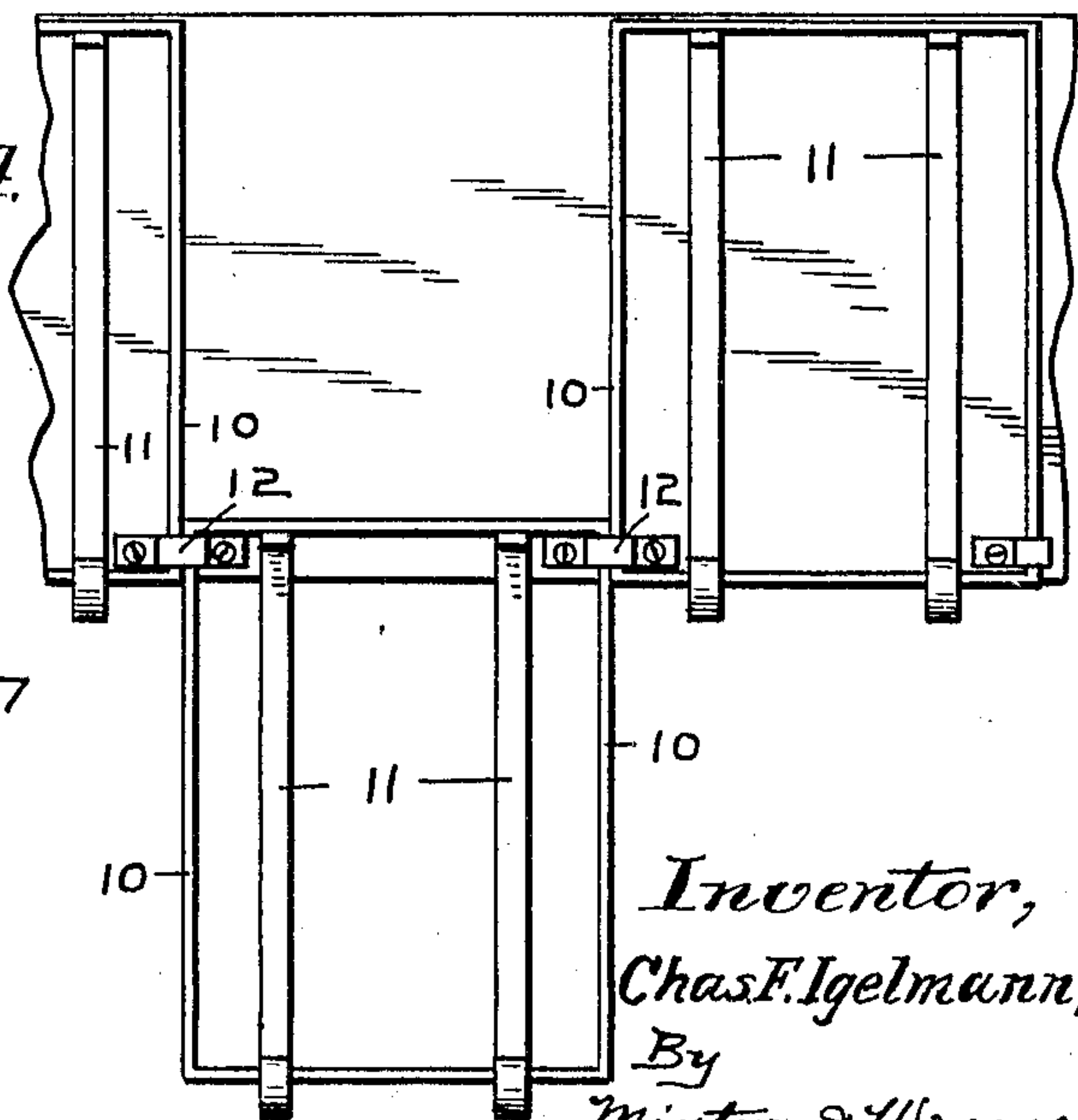


Fig. 4.



Witnesses:

L. B. Warner
Wm. Hunt

Inventor,
Chas F. Igelmann,
By
Minturn & Warner,
Attorneys

UNITED STATES PATENT OFFICE.

CHARLES F. IGELMANN, OF INDIANAPOLIS, INDIANA.

CRACKER AND CAKE BOX RACK.

No. 887,329.

Specification of Letters Patent.

Patented May 12, 1908.

Application filed November 9, 1904. Serial No. 231,993.

To all whom it may concern:

Be it known that I, CHARLES F. IGELMANN, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Cracker and Cake Box Racks, of which the following is a specification.

This invention relates to improvements in racks for holding cracker and cake boxes wherein a sliding support for the box is provided when the box is drawn out in front of the rack in order to allow the contents to be reached by raising the box lid, and the object of the invention is to provide an inexpensive supporting device which will however be strong and durable so as to avoid danger of the breaking or disengagement of said support from the rack by the weight of the box being supported.

I accomplish the objects of this invention by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a rack embodying my improvements, and showing one of the boxes drawn out so as to render its contents readily accessible. Fig. 2 is a detail in front elevation of a shelf of said rack showing my box-holding frame in transverse vertical section. Fig. 3 is a side elevation of a box in the position assumed when drawn out from the rack for access to its contents, and shows the position assumed by my invention when the box which it supports is in this outside position, and Fig. 4 is a detail in plan view of a shelf showing several of my box supports, one of which is shown as being drawn out to support a box in its outside position for ready access to its contents.

Like characters of reference indicate like parts throughout the several views of the drawings.

5 is the base of the rack, 6 the corner posts and 7 the stationary shelves supported by said posts. Fig. 1 shows a rack with five shelves on which will be placed four boxes for each shelf.

8 represents the boxes which are preferably constructed out of tin of usual size and shape, and having the hinged lids 9.

The boxes preferably have glass covered front openings for the exhibition of their contents, and the racks are designed for the display of baked goods in retail stores where the economy of space is important. For that reason the shelves are just far enough apart

to allow the boxes to slide in and out thereon freely, and they are placed in close lateral contact with each other for the same purpose of economizing in room. This close relation of the boxes has made it necessary in the past to withdraw a box from the rack and place it upon a counter or other support in order to reach the box contents, and to obviate this necessity of the removal of the box from the rack I provide a holding frame which can be partially but not wholly withdrawn from the shelf, in which frame a box is placed, there being a separate frame for each of the boxes in the rack. This frame will preferably comprise a flat bar of iron or steel which is bent at right angles to form a rectangular body 10 of a size and shape to receive one of the cake boxes which is seated therein and makes a reasonably close fit therewith. The bottom of the box will be supported by one or more longitudinal bars 11 which are preferably of the same material as the marginal body 10 and are secured to said body by having their ends bent up at right angles and riveted to the end members of said frame 10 in the manner as clearly shown in the drawings. The front ends of the bars 11 may be extended and suitably bent toward the front of the frame to form hand-holds whereby the frame and its box may be readily withdrawn from and replaced in the rack.

The several frames on each shelf will be placed in close contact with each other where- by each one of said frames will be guided in its movements by its adjacent frames, and these will be secured against complete removal from their respective shelves by means of metal bars 12 which have their ends fastened by means of screws or bolts to the top of a shelf and having their middle portions between said ends bent up in a loop like an inverted U. This loop or U shaped portion incloses the side bars of each adjacent pair of frames 10, in the manner as clearly shown in Figs. 2 and 4, whereby the side bars of two frames are held by a single loop, except as to the outside bar of the outside frames in which case the bar 13 is provided with a hook 14 to engage and hold the side bar of the frame. Play enough is allowed between the bars of frame 10 and the tops of the loops and hooks to allow said frames to drop down at their outer ends when drawn out from the shelf, in the manner shown in Figs. 1 and 3, thereby presenting the cake or cracker box at an oblique

position which makes it easier to reach the contents of the box.

The bodies 10 and bars 11 might be cast to form an integral frame; the pulls or handles
5 at the front of the frame may be single or double and applied in many different ways to the frame, and the loops and hooks for preventing the complete withdrawal of the frames from the shelf are capable of varia-
10 tions in construction, all of which changes as hereinabove mentioned will not constitute a departure from the spirit of my invention, and I therefore do not wish to limit my in-
15 vention, to the specific construction here shown and described, but

What I do claim as new and wish to secure by Letters Patent of the United States, is—

1. In a rack for the purposes specified, stationary shelves, frames supported by said
20 shelves having adjustment transversely of the shelf, said frames having side bars and end bars integral with the side bars and loops passing over said side bars and attached to
25 one of the shelves, said loops forming stops for the end bars to arrest and hold the frame and its box.

2. In a rack for the purposes specified, stationary shelves, frames located thereon, said frames having side members which con-
30 tact with those of each adjacent frame, and loops inclosing each pair of side bars, said loops having their end fastened to one of said stationary shelves.

3. In a rack for the purposes specified,
35 stationary shelves, frames located upon said shelves, each having side bars and end bars integral with the side bars, and holders secured to said stationary shelves having
40 metal straps formed into loops to embrace said side bars to permit longitudinal but not

lateral movement of the bars, said loops contacting with the end bars to prevent the complete removal of said frame.

4. In a rack for the purposes specified, stationary shelves, frames located thereon, 45 said frames comprising a body of strap iron turned edge up and bent in rectangular shape to surround a cake box, bars extending longitudinally inside of said frame and secured to said body, and bars fastened to said sta- 50 tionary shelves having portions bent into hooks or loops to embrace the side portions of said frame.

5. In a rack for the purposes specified, stationary shelves, frames located upon said 55 shelves, said frames comprising side and end members forming a continuous rectangular body, intermediate supporting bars carried by said body, and loops embracing the top and both sides of the side members of said 60 bodies, said loops being secured to said shelves.

6. In a rack for the purposes specified, stationary shelves, rectangular frames lo- 65 cated thereon, bars extending longitudinally inside of each frame to support a box, said frames having side members which contact with corresponding members of the adjacent frame, and loops inclosing each pair of side 70 members, said loops having their ends fastened to one of said stationary shelves.

In witness whereof, I have hereunto set my hand and seal, at Indianapolis, Indiana, this fifth day of November, A. D. one thousand nine hundred and four.

CHARLES F. IGELMANN. [L. S.]

Witnesses:

JOSEPH A. MINTURN,
L. B. WOERNER.