

E. A. YUNGEL.  
CARD INDEX CASE.  
APPLICATION FILED NOV. 18, 1908.

932,840.

Patented Aug. 31, 1909.

2 SHEETS—SHEET 1.

Fig. 1

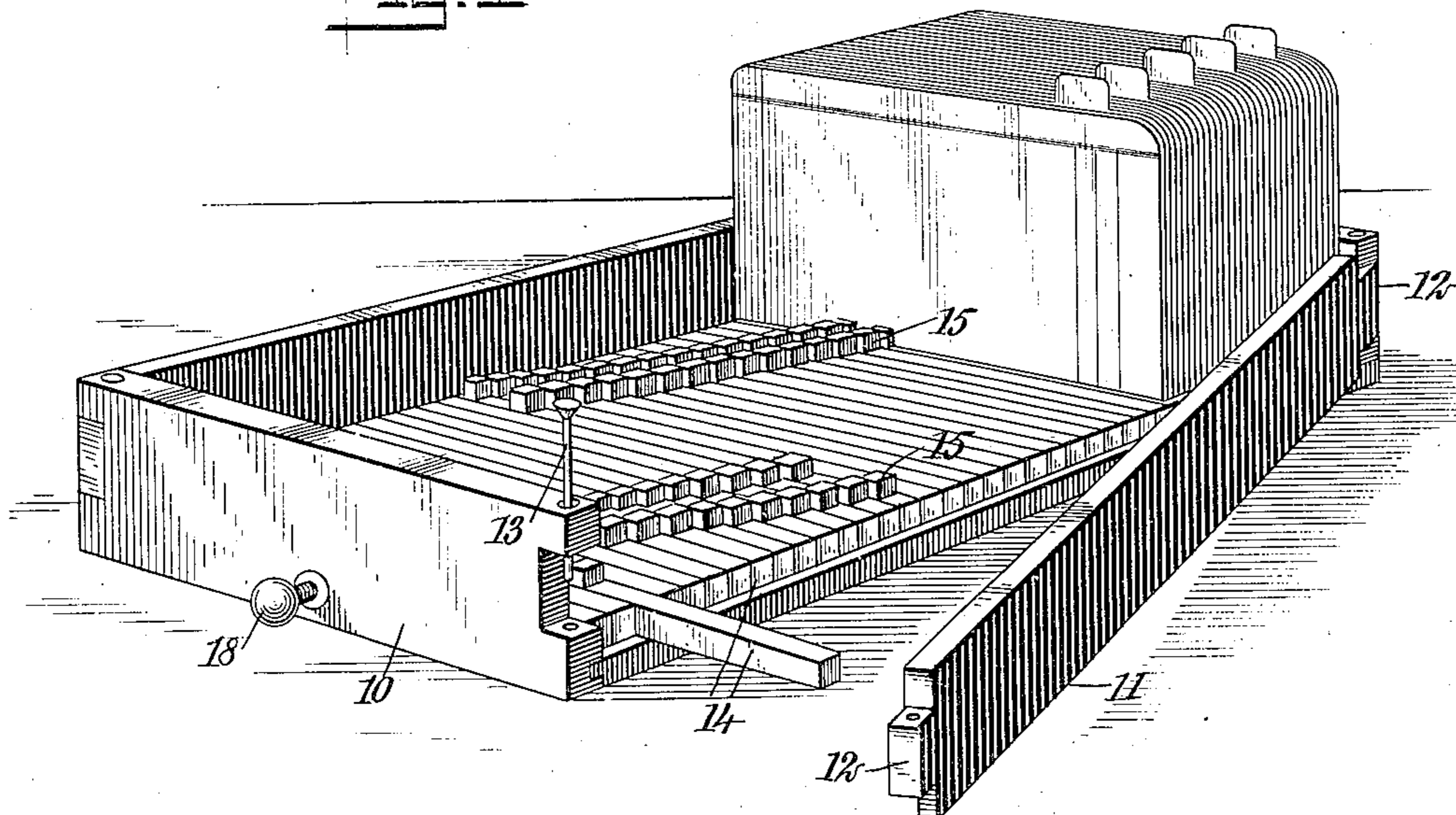


Fig. 2.

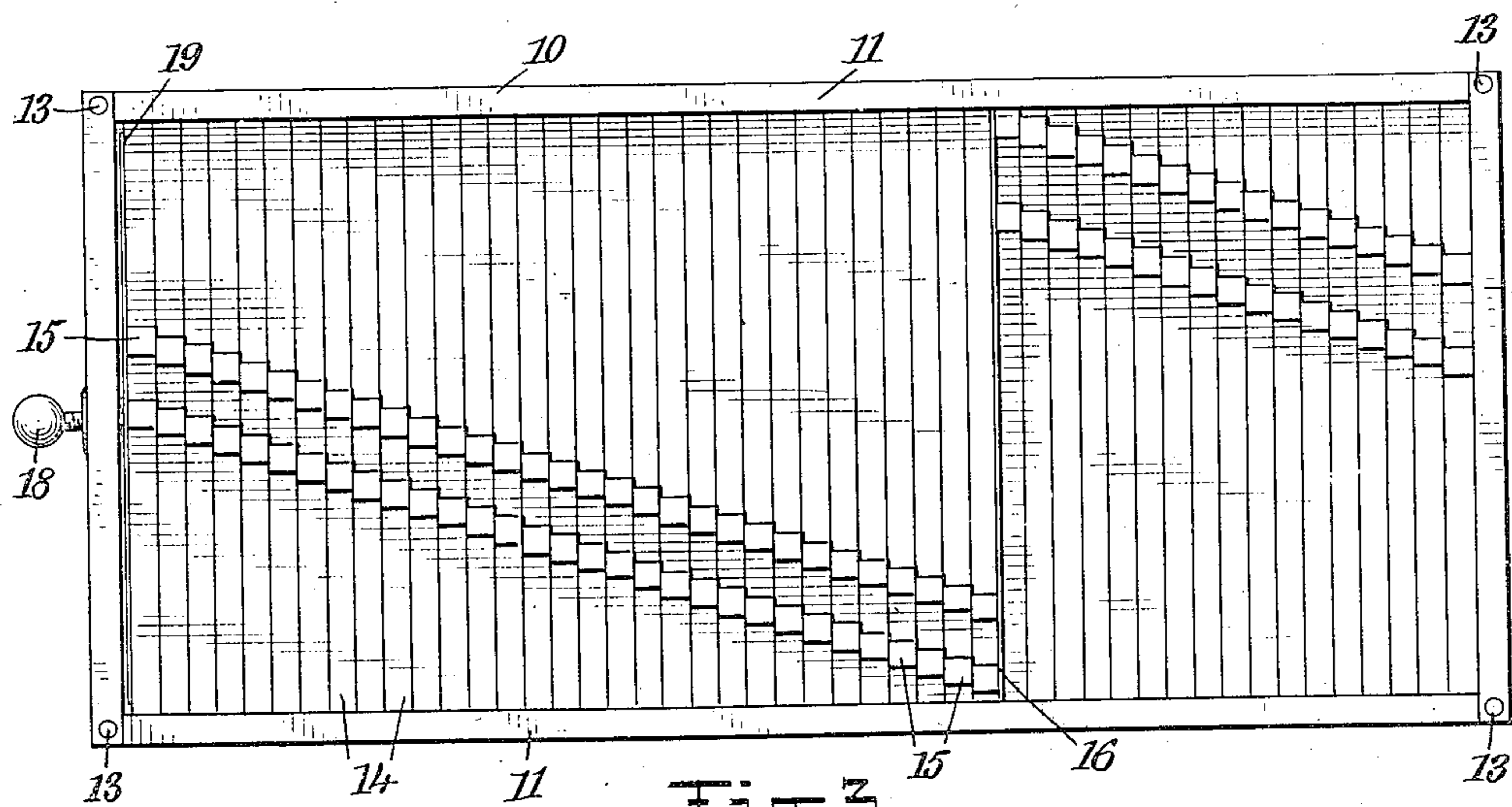
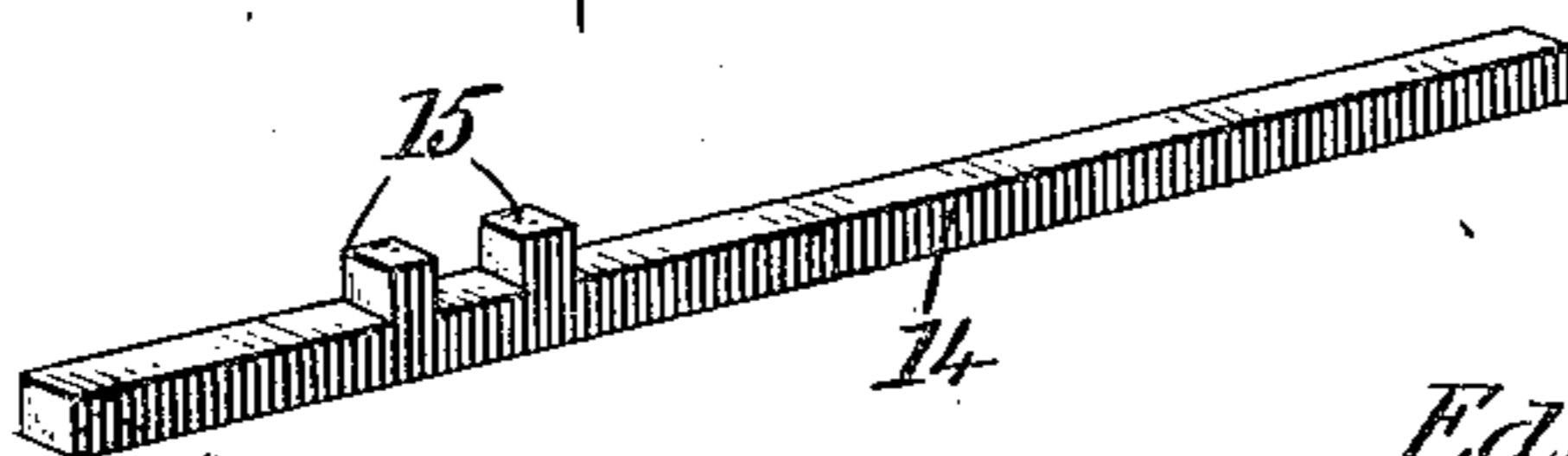


Fig. 3.



WITNESSES

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Fig. 4.

Fig. 5. SHEETS—SHEET 2.

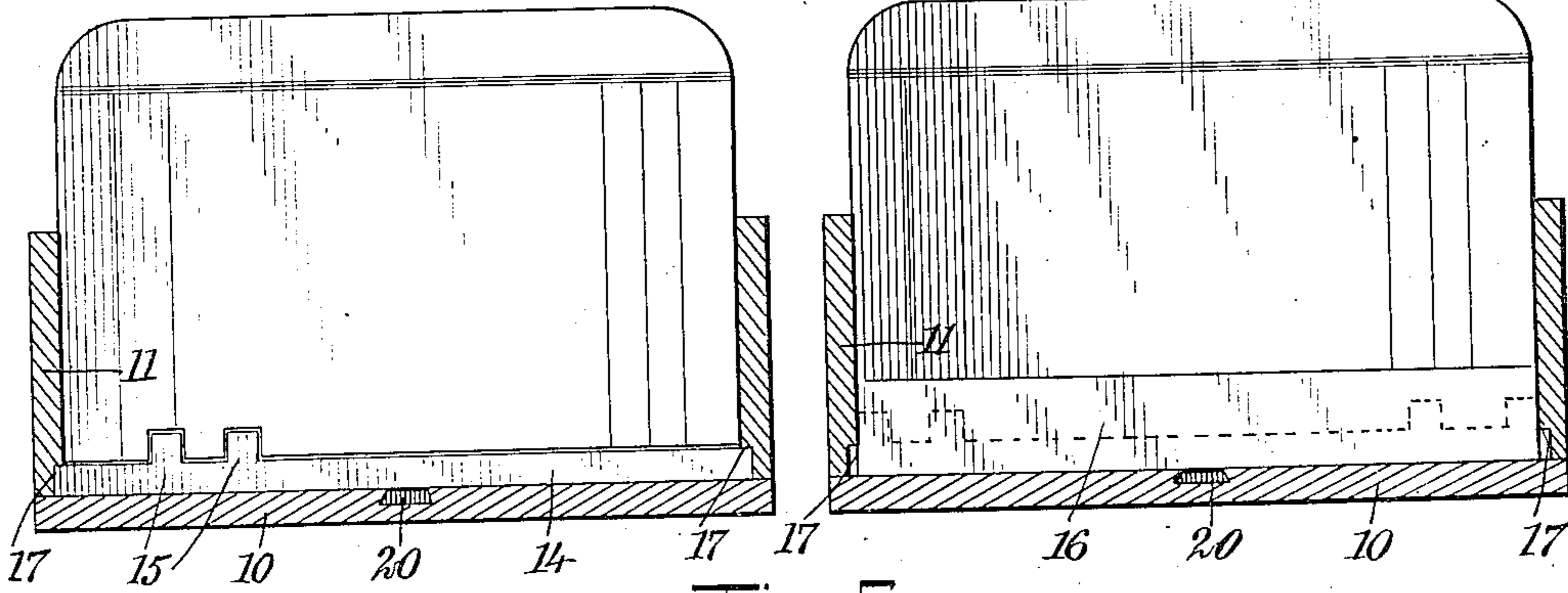


Fig. 6.

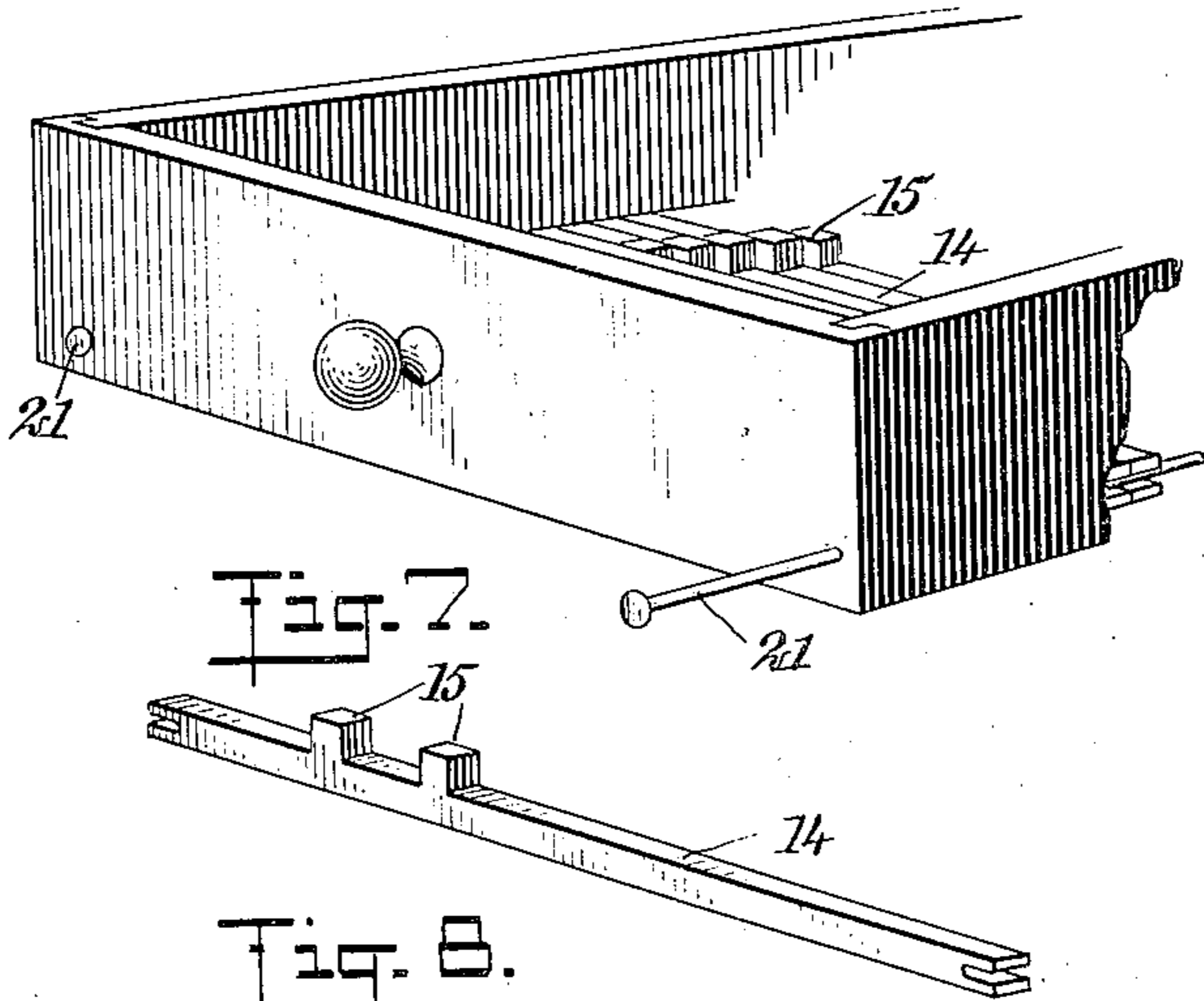
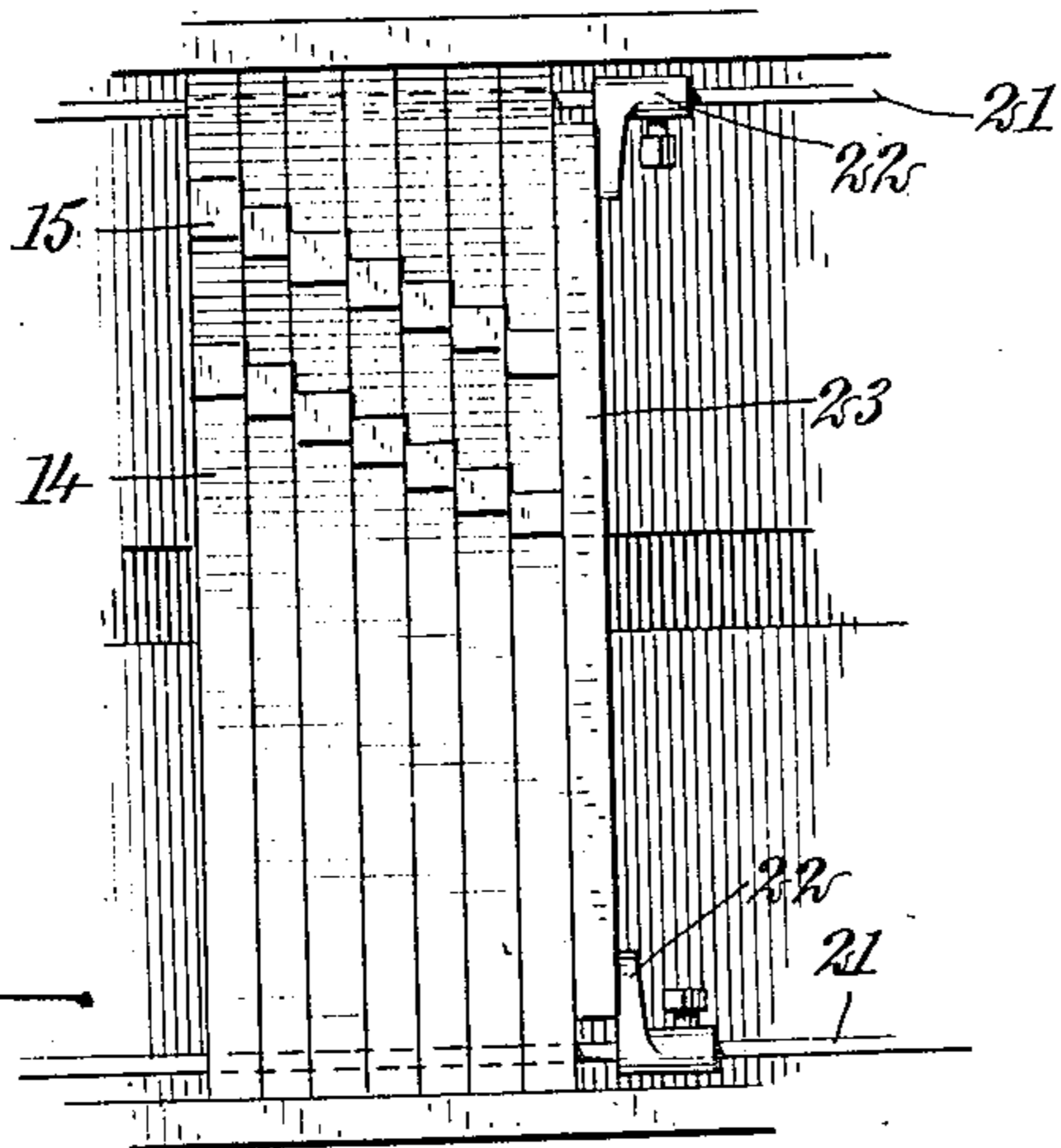


Fig. 8.



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# UNITED STATES PATENT OFFICE.

EDWARD A. YUNGEL, OF NEW YORK, N. Y.

## CARD-INDEX CASE.

932,840.

Specification of Letters Patent.

Patented Aug. 31, 1909.

Application filed November 18, 1908. Serial No. 463,180.

*To all whom it may concern:*

Be it known that I, EDWARD A. YUNGEL, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Card-Index Case, of which the following is a full, clear, and exact description.

The invention has for its purpose to provide a card index case in which it will be impossible to place a card out of its correct position, and may be broadly defined as consisting of a card-holding receptacle, with the bottom thereof having card-engaging members located in relatively different positions for each card or set of cards the case is to contain and without interruption between adjacent members.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of a card case embodying my invention and showing one side of the case removed, as when withdrawing or inserting the bottom strips; Fig. 2 is a plan of the case; Fig. 3 is a perspective view of one of the bottom strips; Fig. 4 is a cross-section through the case showing the interfitting portions between the bottom edge of the card and the bottom of the case; Fig. 5 is a cross-section of the case directly at the front of the shield joining the ends of separated projections or members of the bottom strips; Fig. 6 is a perspective view of a modified form of case; Fig. 7 is a perspective view of one of the bottom strips for the case shown in Fig. 6; and Fig. 8 is a fragmentary plan of the case shown in Fig. 6.

My invention may form a feature of any index card-holding receptacle, that shown in the several figures being in the nature of a drawer, which drawer 10, in Figs. 1 to 5 inclusive, has the sides 11 removably attached, this being effected by providing tongues 12 at the opposite ends of each side, which fit the slotted edges of the rear and front ends of the drawer, in which positions the sides are held in place by vertical pins 13 carried by the ends and passing through the tongues of the sides. In the bottom of the receptacle is placed close together a series of cross strips 14, each having one or more projections 15 on its upper face, preferably two, arranged close together, with the pro-

jections of one strip arranged slightly to one side of or out of alinement with the projections of the adjacent strips, and all of said projections presenting continuous ribs as it were, extending diagonally across the bottom of the receptacle. At the point where the projections reach the side of the card receptacle the rows start at the opposite side, and the ends of the two rows are connected by a shield 16. The width of the cross strips 14 is such as to be equal to the thickness of a single index card or set of cards, the latter being notched or cut out on their bottom edges to fit over the projections 15 at the required point of the receptacle's length. After the cards have been fitted to the receptacle it will be impossible to seat a card in a different position in the case from that intended, as the card will stand up above the others a distance equal to the height of the projections. The shield 16 prevents the insertion of a card forward of one set of projections and at the rear of the other, which would otherwise be possible to do by cocking the card slightly to one side.

The sides 11 of the card-holding receptacle, it will be observed from Figs. 4 and 5, are rabbeted on their bottom inner edges as indicated at 17, to receive the ends of the strips 14 and lock them against vertical displacement. At the front of the receptacle is a knob 18, having a threaded shank bearing on a plate 19, and serving both as a handle for the drawer and for pressing the cross strips 14 closely together, the plate 19 being arranged on the outer face of the end strip, and preventing the screw from indenting the wood. The follower plate is preferably guided in a dove-tailed groove 20 formed in the bottom of the drawer or receptacle, as shown in Figs. 4 and 5.

The construction illustrated in Figs. 6, 7 and 8, is in all respects the same as that just described, except that the sides of the drawer or receptacle are relatively immovable and the ends of the cross strips are slotted and engage on longitudinal wires 21 arranged at the bottom lower corners of the receptacle. The wires 21 may be withdrawn, as illustrated in Fig. 6, to remove or insert the strips 14 in the bottom of the box. The wires 21 in addition to serving to engage and retain the cross strips in place, also carry adjustable fingers 22 bearing on a follower plate 23, which prevent the index cards from falling flat in the drawer.

In applying my invention to a card index case having a series of card holders or drawers, the projections on the cross strips for each drawer will be differently arranged in order that a card from one drawer may not find its way to another drawer.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

10 1. A card-holding receptacle, with the bottom thereof having card-engaging members located in relatively different positions for each card or set of cards the case is to contain and without interruption between adjacent members.

15 2. An index card-holding receptacle having cross strips arranged in the bottom thereof, each strip having a projection rising from the top face thereof to interfit with the bottom edge of a card, arranged out of alignment with the projections on adjacent strips.

20 3. An index card-holding receptacle having relatively narrow cross strips in the bottom thereof arranged close together with the top faces of the strips adjoining and presenting a smooth surface, each strip having a member with which the bottom edge of the card interfits, and with the members of the different strips differently arranged.

25 4. An index card-holding receptacle having a rib extending diagonally across the bottom thereof interfitting with the bottom edges of the cards, the rib being composed of separable projections.

30 5. An index card-holding receptacle having cross strips arranged in the bottom thereof, each cross strip having a projection extending its full width, with which the bottom edge of the card interfits, the projection on each strip being differently located, and a shield arranged between the projections of adjacent strips where said projections are separated.

6. An index card-holding receptacle having removable sides, and cross strips having members interfitting with the bottom edges of the cards and locked in position by said sides.

7. An index card-holding receptacle having cross strips in the bottom thereof arranged close together, each having members differently arranged and interfitting with the bottom edges of the cards, with the ends of said strips locked in place by the sides of the receptacle.

8. An index card-holding receptacle having a series of strips arranged in the bottom thereof and having contacting projections to interfit throughout the length of the series with the cards, with the projections of the strips extending along a line diagonal of the receptacle.

9. An index card-holding receptacle having a series of contacting projections in the bottom thereof to interfit throughout the length of the series with the bottom edges of the cards, with the said projections arranged along a line diagonal of the receptacle.

10. An index card-holding receptacle having sides rabbeted on their bottom inner edges, and a series of cross strips arranged close together in the bottom of the box, with the ends thereof projecting into the rabbeted inner edges of the sides of the receptacle, the strips having contacting members which the bottom edges of the cards interfit, arranged contiguous to each other and diagonally of the receptacle.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EDWARD A. YUNGEL.

Witnesses:

W. W. HOLT,  
JOHN P. DAVIS.