

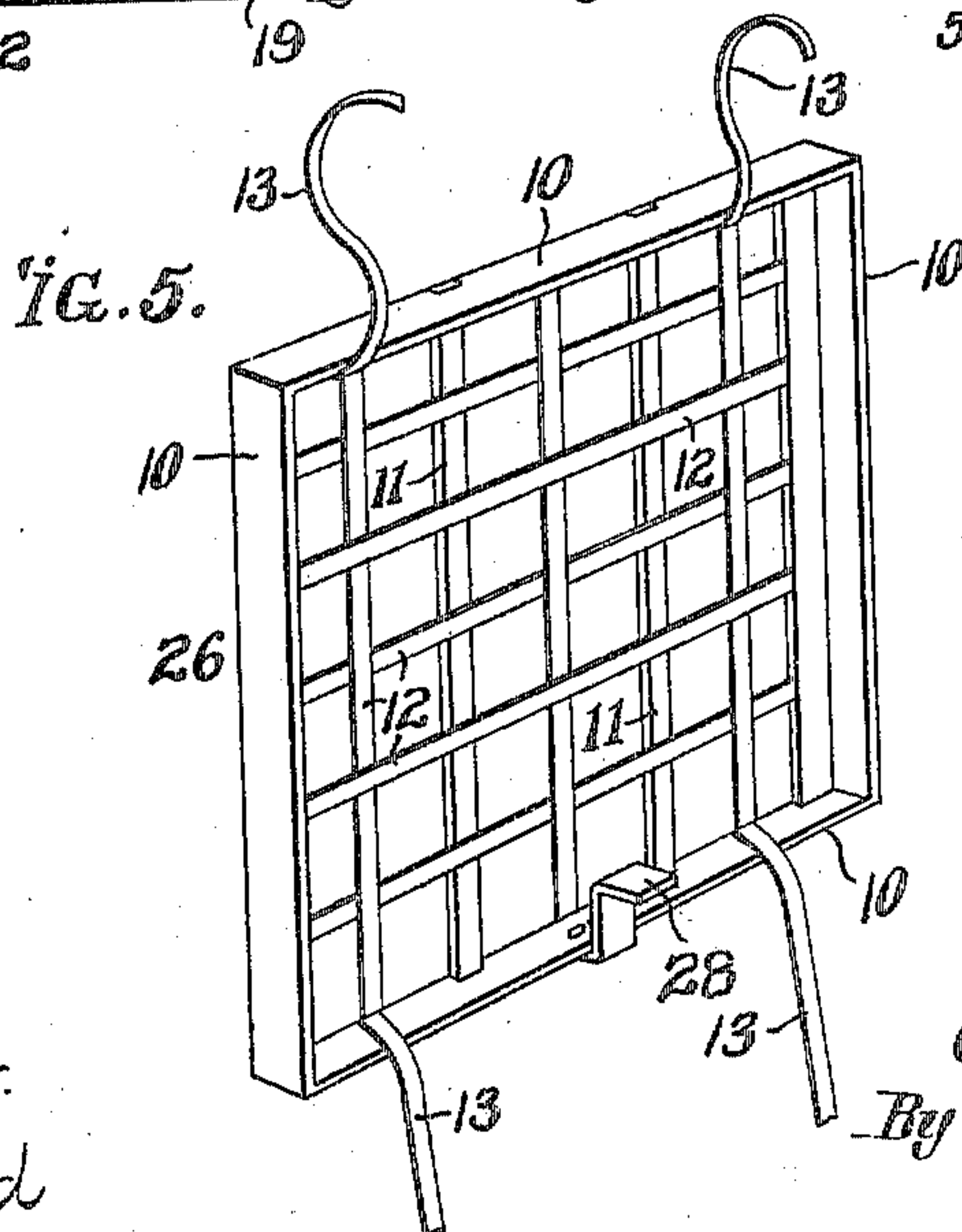
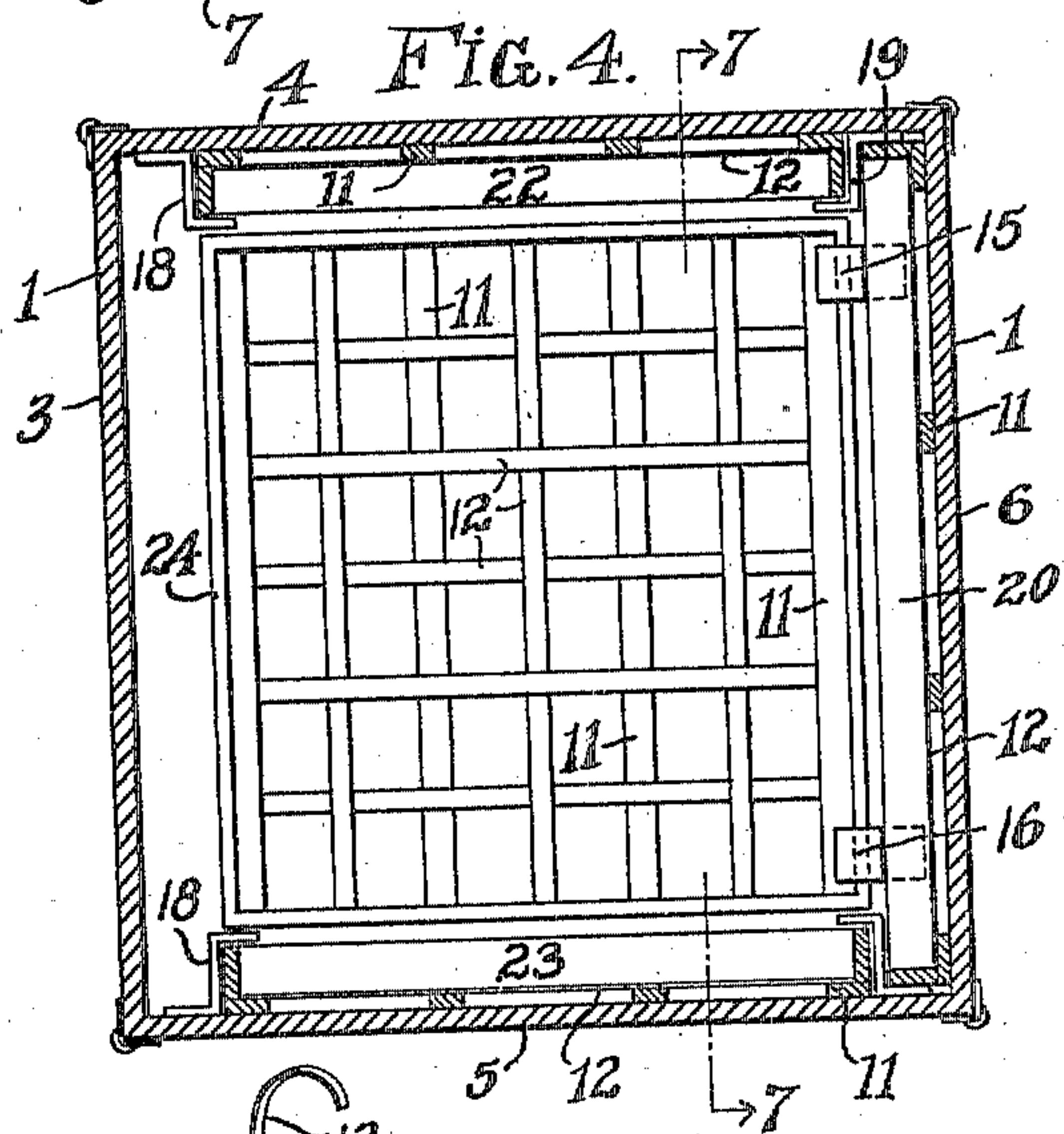
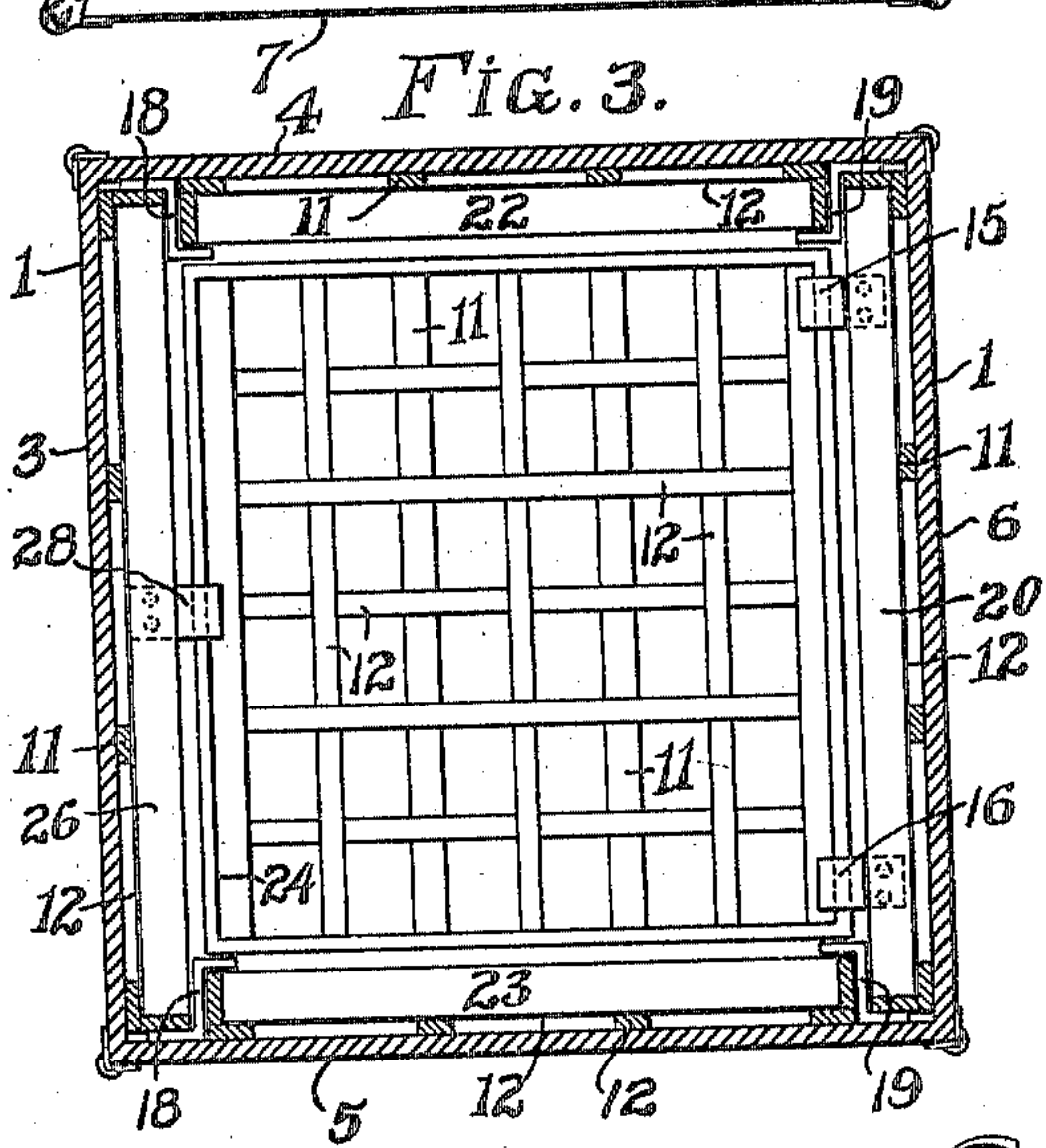
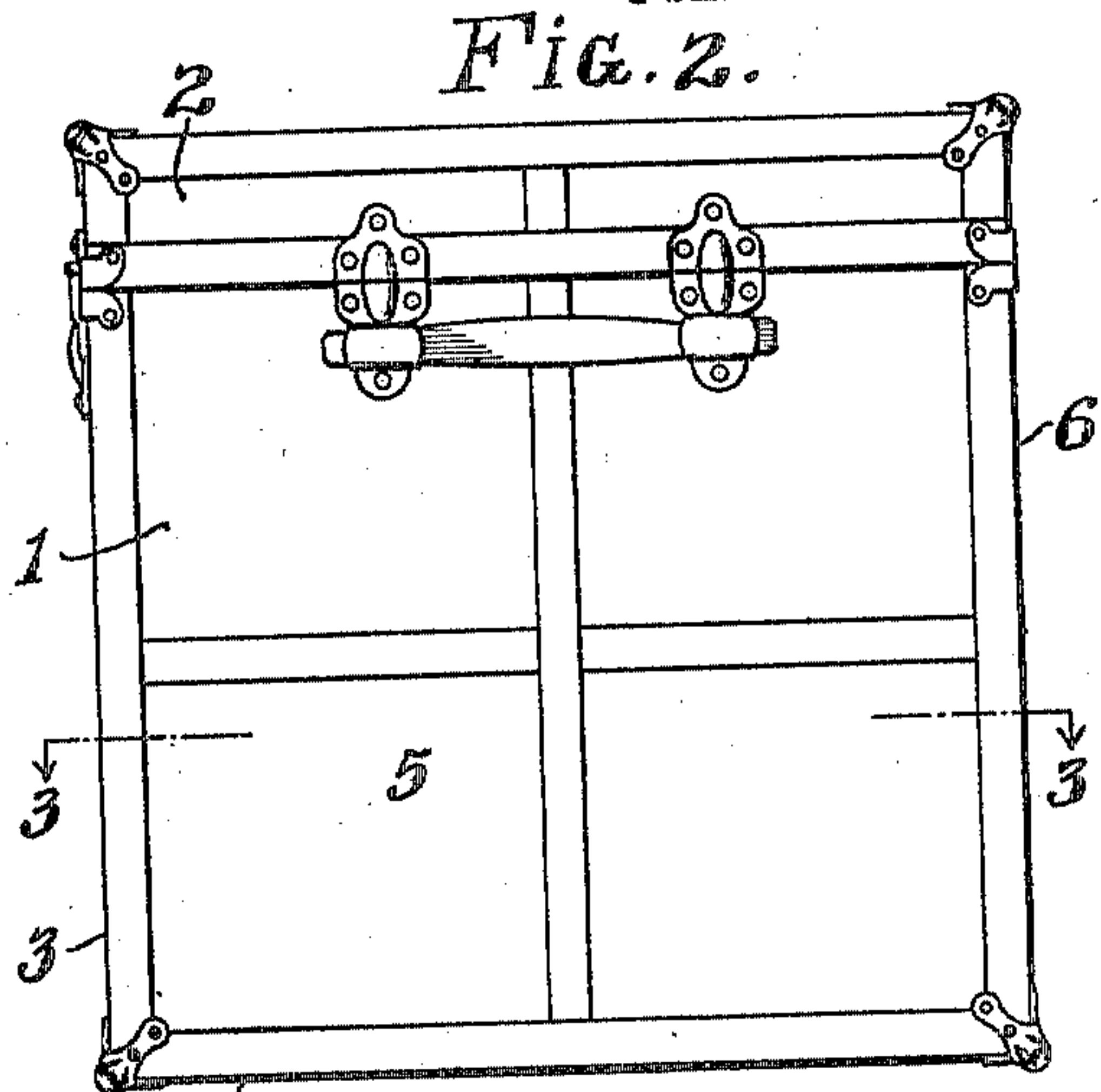
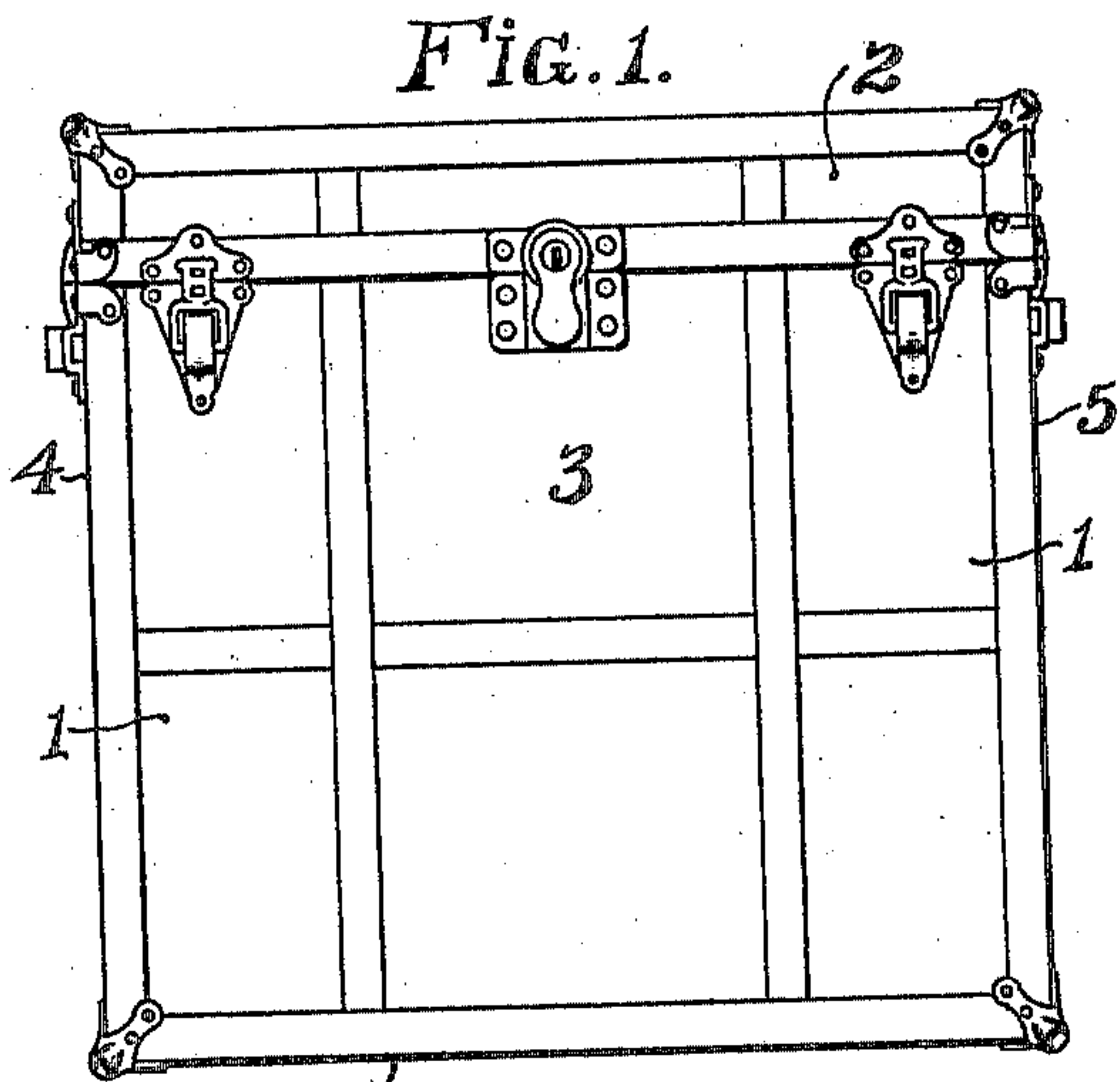
O. RANGNOW.
HAT TRUNK.

APPLICATION FILED JAN. 22, 1909.

Patented Feb. 1, 1910.

2 SHEETS—SHEET 1.

947,938.



WITNESSES

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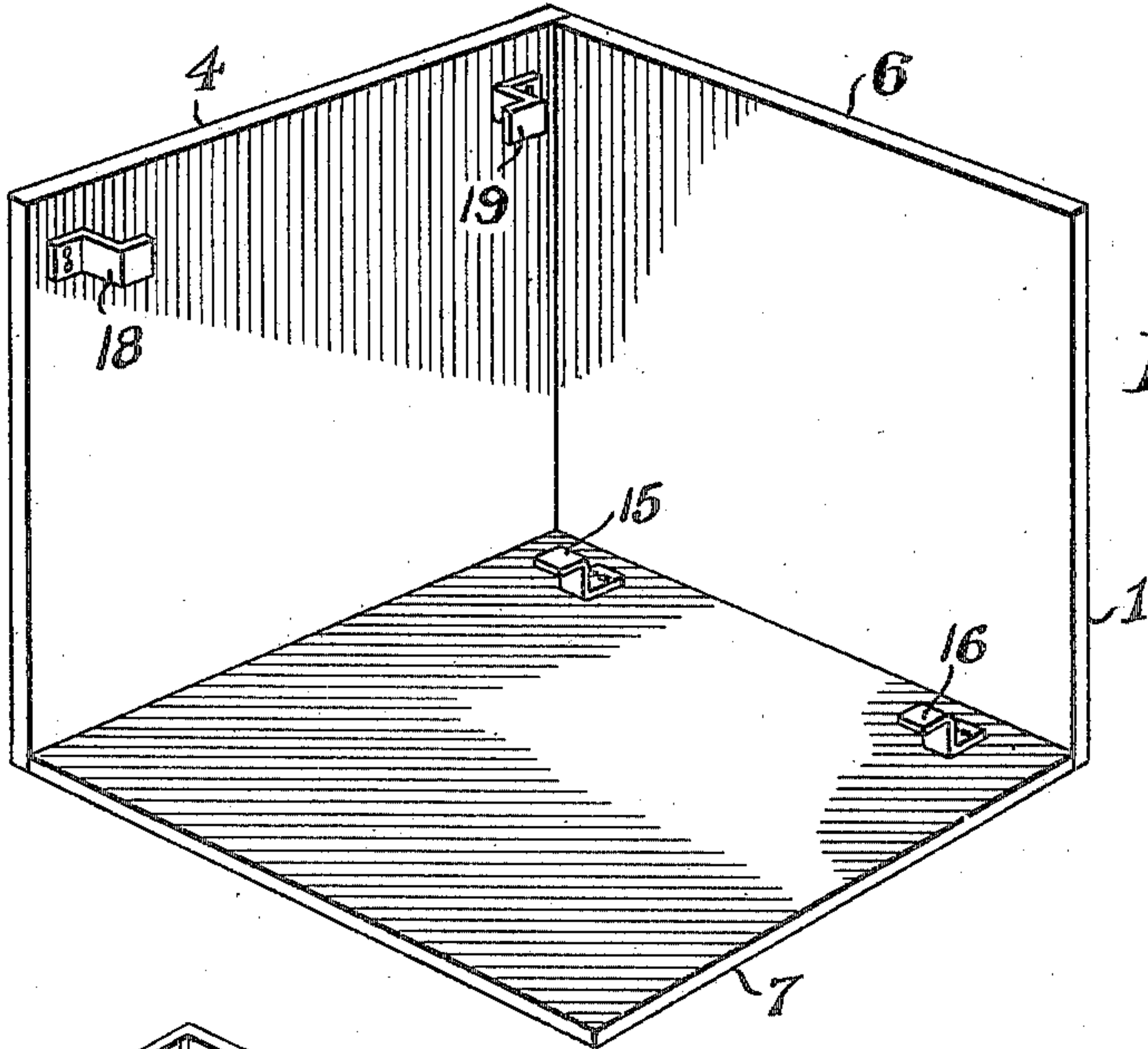


Fig. 6.

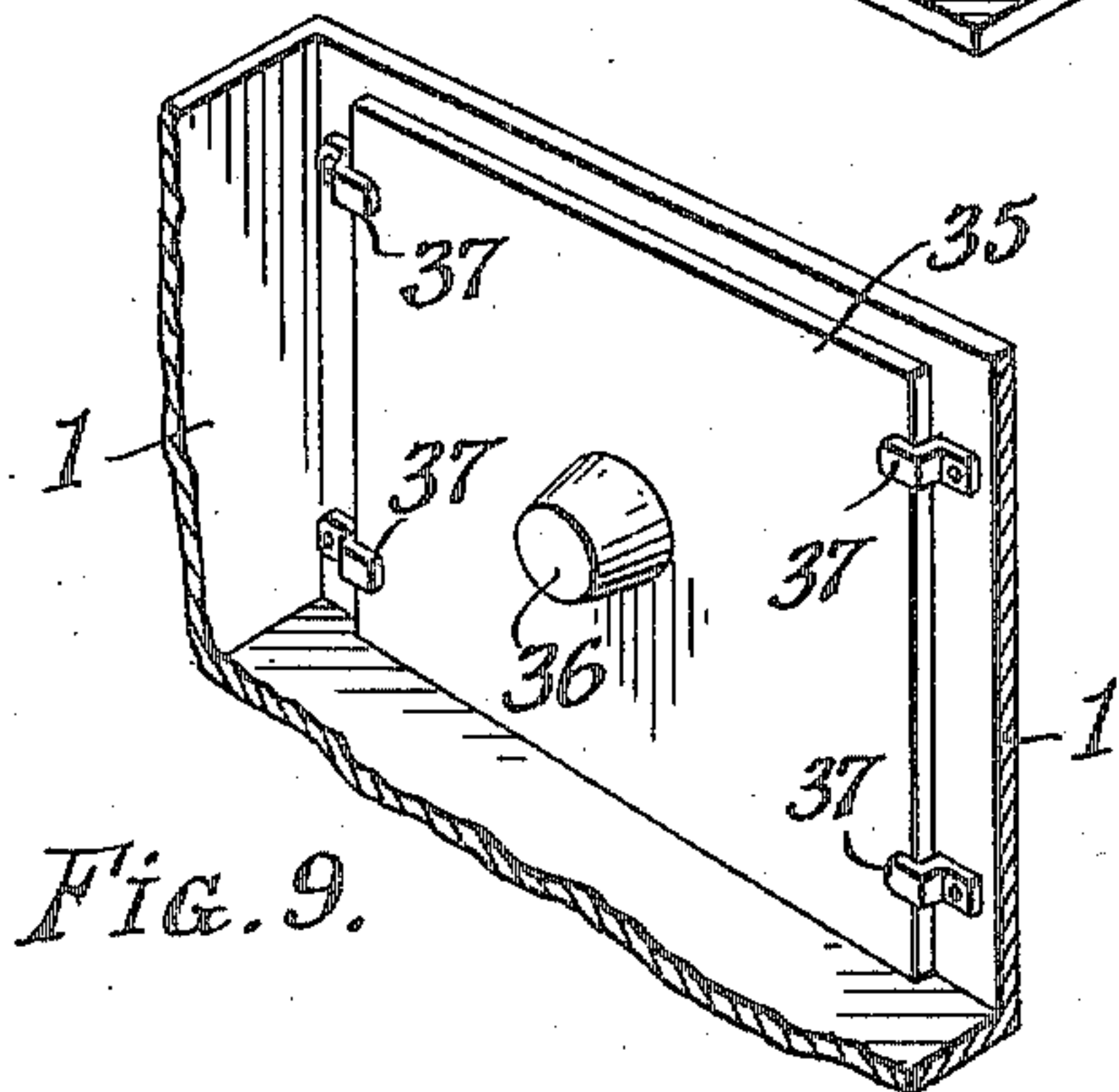


Fig. 9.

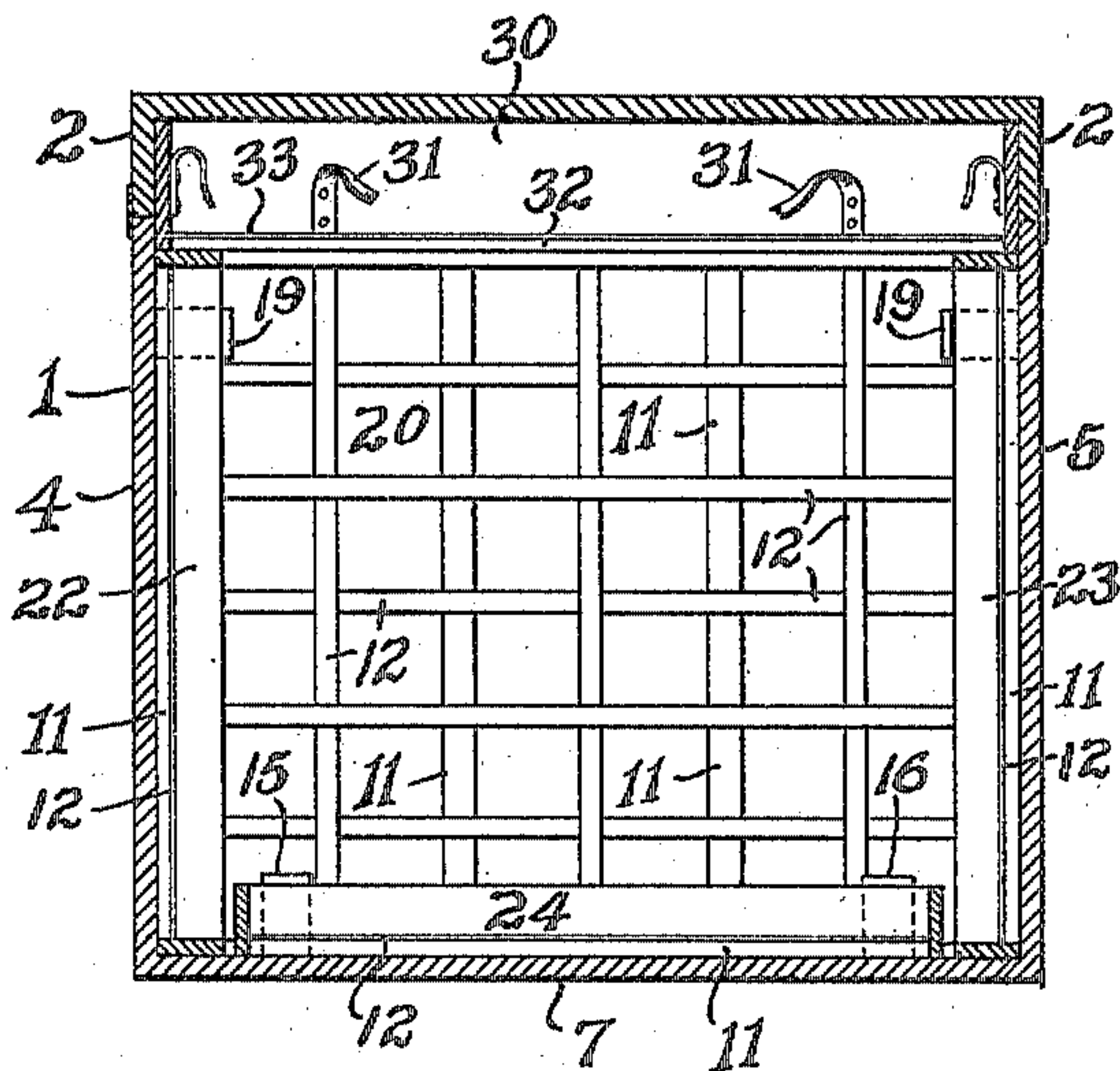


Fig. 7.

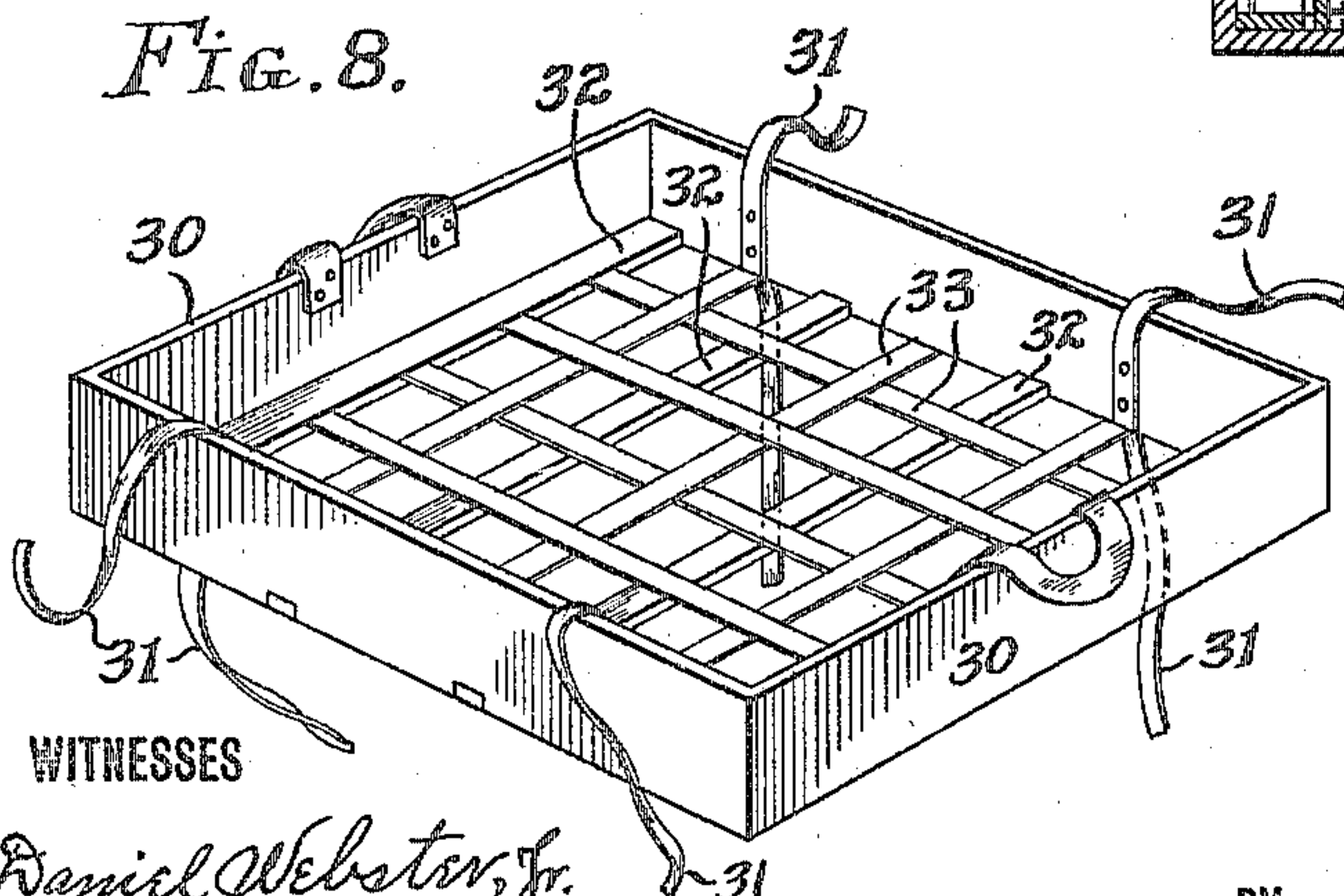


Fig. 8.

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UNITED STATES PATENT OFFICE.

OTTO RANGNOW, OF PHILADELPHIA, PENNSYLVANIA.

HAT-TRUNK.

947,938.

Specification of Letters Patent.

Patented Feb. 1, 1910.

Application filed January 22, 1909. Serial No. 473,665.

To all whom it may concern:

Be it known that I, OTTO RANGNOW, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Hat-Trunks, of which the following is a specification.

My invention relates to improvements in trunks and particularly relates to hat trunks for carrying women's hats.

The object of my invention is to construct the trunk with sectional detachable hat carriers upon which the hats are secured; a further object of my invention is to provide means for holding the several hat carriers in their proper places against the inside walls of the trunk body; and a still further object of my invention is to secure the hat carriers in such a manner that they may be individually inserted and removed from the trunk.

Heretofore hat trunks have been made with the hat carrier made in the form of a cage, the size of the interior of the trunk, which cage had to be removed bodily from the trunk before the hats could be conveniently placed in the same or removed therefrom.

In the accompanying drawings: Figure 1. is a front elevation of my improved hat trunk; Fig. 2. is an end elevation of the trunk; Fig. 3. is a horizontal section on line 3—3 Fig. 2; Fig. 4. is a view similar to Fig. 3, showing the front hat carrier or frame removed; Fig. 5. is a perspective view of the front hat frame, detached; Fig. 6. is a sectional perspective view showing the interior of the trunk; Fig. 7. is a vertical section of the trunk taken on line 7—7 Fig. 4; Fig. 8. is a perspective view of the top tray detached; and, Fig. 9. is a perspective view showing a different form of hat carrier.

In the drawings 1 represents the trunk body and 2 the lid hinged to the body in the usual manner. The trunk body 1 consists of the front 3, the ends 4 and 5, the back 6 and the bottom 7.

Upon the inner surfaces of the trunk body are placed detachable hat carriers or frames, such as shown in Fig. 5. Said frames are made in the form of a rectangular wooden frame 10 with cross-pieces 11 of wood to strengthen the frame and cross-pieces 12 of tape interwoven to form a support for the hat, which is placed in the frame and se-

cured by pinning it to the tape or by tying it in the frame by means of the loose pieces of tape 13, provided for that purpose.

The hat frames are made removable so that the hat may be more readily inserted and secured in the hat frame.

The trunk body is provided with angle-plates which hold the frames in their proper places. Two of the angle-plates 15 and 16 are secured to the bottom 7 of the trunk and two of the angle-plates 18 and 19 are secured to each of the end walls 4 and 5 of the trunk, as shown in Fig. 6. Only one of the end walls however is shown in Fig. 6. The angle-plates 19, on the end walls 4 and 5 of the trunk, are so located that a hat frame 20 may be inserted into the trunk adjacent the surface of the back of the trunk by passing said frame between the angle-plates 19 and the back 6 of the trunk and when the lower edge of said frame 20 reaches the bottom 7 of the trunk it will be held between the angle-plates 15 and 16 on the bottom, and the back 6 of the trunk. The hat frame 20, for the back of the trunk, is of sufficient length to fill the space between the ends 4 and 5 of the trunk, which will prevent it from moving endwise and the angle-plates 15, 16 and 19 will hold it in an erect position adjacent the back of the trunk.

The hat frame 22, for the end of the trunk, is shorter than the end of the trunk and will readily pass between the angle-plates 18 and 19. The projecting flanges of the said angle-plates 18 and 19 will hold the said frames against the surface of the end walls. The hat frame 23, for the opposite end of the trunk, is made and inserted in a similar manner. The lower edges of the said end frames 22 and 23 rest upon the bottom of the trunk and the said frames are held in an erect position adjacent to the end walls of the trunk by the bottom hat frame 24, which lies flat upon the bottom of the trunk. The back edge of the bottom frame 24 slips under the projecting flanges of the angle-plates 15 and 16 on the bottom of the trunk, which hold the back edge of the bottom frame firmly upon the bottom of the trunk.

The front hat frame 26 is held adjacent the front surface of the trunk by the angle-plates 18 on the ends 4 and 5 of the trunk. The front frame 26 rests upon the bottom of the trunk and is held in an erect position by the angle-plates 18, the edges of the side

frames 22 and 23 and the bottom frame 24. The front frame 26 is provided with a projecting plate 28, as shown in Fig. 5, which extends over the front edge of the bottom frame 24 and holds the latter firmly in place upon the bottom of the trunk.

The hat frames may be arranged in any desired manner without departing from my invention; the short frames may be placed adjacent to the back and front surfaces of the trunk and the long frames placed adjacent to the end surfaces of the trunk by changing the position of the angle-plates.

The frames which stand vertically adjacent to the inner surfaces of the trunk body are held down firmly by the tray 30, which rests upon the edges of the vertical frames. Said tray is in turn held down by the lid 2 of the trunk. As shown in Fig. 7, the vertical frames are lower than the top edges of the trunk body so that the bottom of the tray 30 will enter the body of the trunk a sufficient distance to hold the tray in place when the lid of the trunk is open.

It will be seen that the tray and all of the frames are rigidly held in their proper places and cannot move when the trunk is closed, no matter in what position the trunk may be placed.

When it is desired to place a hat in the trunk or remove the same, the lid of the trunk is opened, the tray 30 is removed and then any one of the vertical frames may be withdrawn from the trunk body. When it is desired to remove the bottom frame 24, the front frame 26 is first removed to release the bottom frame 24. The tray 30 is provided with loose pieces of tape 31 for tying a hat, either to the top or bottom of the tray.

Said tray may be placed either side up in the trunk, so that when large hats are to be carried the tray may be reversed to increase the interior height of the trunk. The bottom of the tray may be made with wood and tape cross-pieces 32 and 33 respectively, as shown in the drawing, or the bottom of the tray may be made solid for carrying small articles as desired.

The hat carriers instead of being made in the manner shown in Fig. 5 may be made as shown in Fig. 9. A base-plate 35 has a hat form 36 secured thereon. Said base-plate 35 is held in place by the angle-plates 37, secured in the trunk body 1. The crown of the hat is fitted over the hat form and the hat is secured thereon by inserting a hat pin through the crown of the hat and the hat form.

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

In a trunk comprising a body and a lid, the combination of removable rectangular frames in said body, said frames having means thereon for securing a hat thereto, fixtures secured in said body, said fixtures having one portion thereof adapted to hold one frame against one surface of said body and said fixtures having a portion projecting at right-angles to said first mentioned portion adapted to overlap another one of said frames and hold the latter adjacent to another one of the surfaces of said body.

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

OTTO RANGNOW.

Witnesses:

JAMES F. BOYLAN,
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