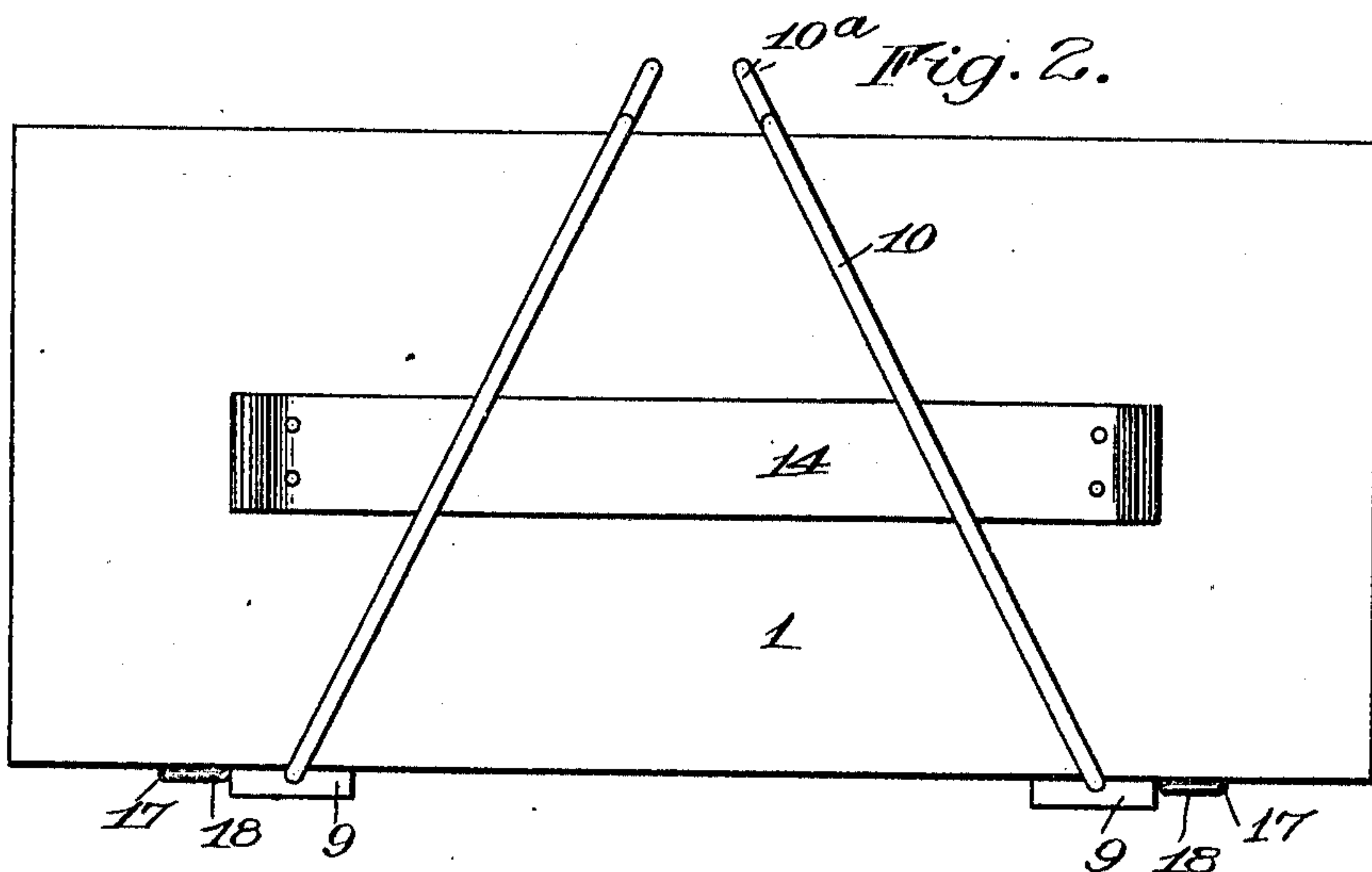
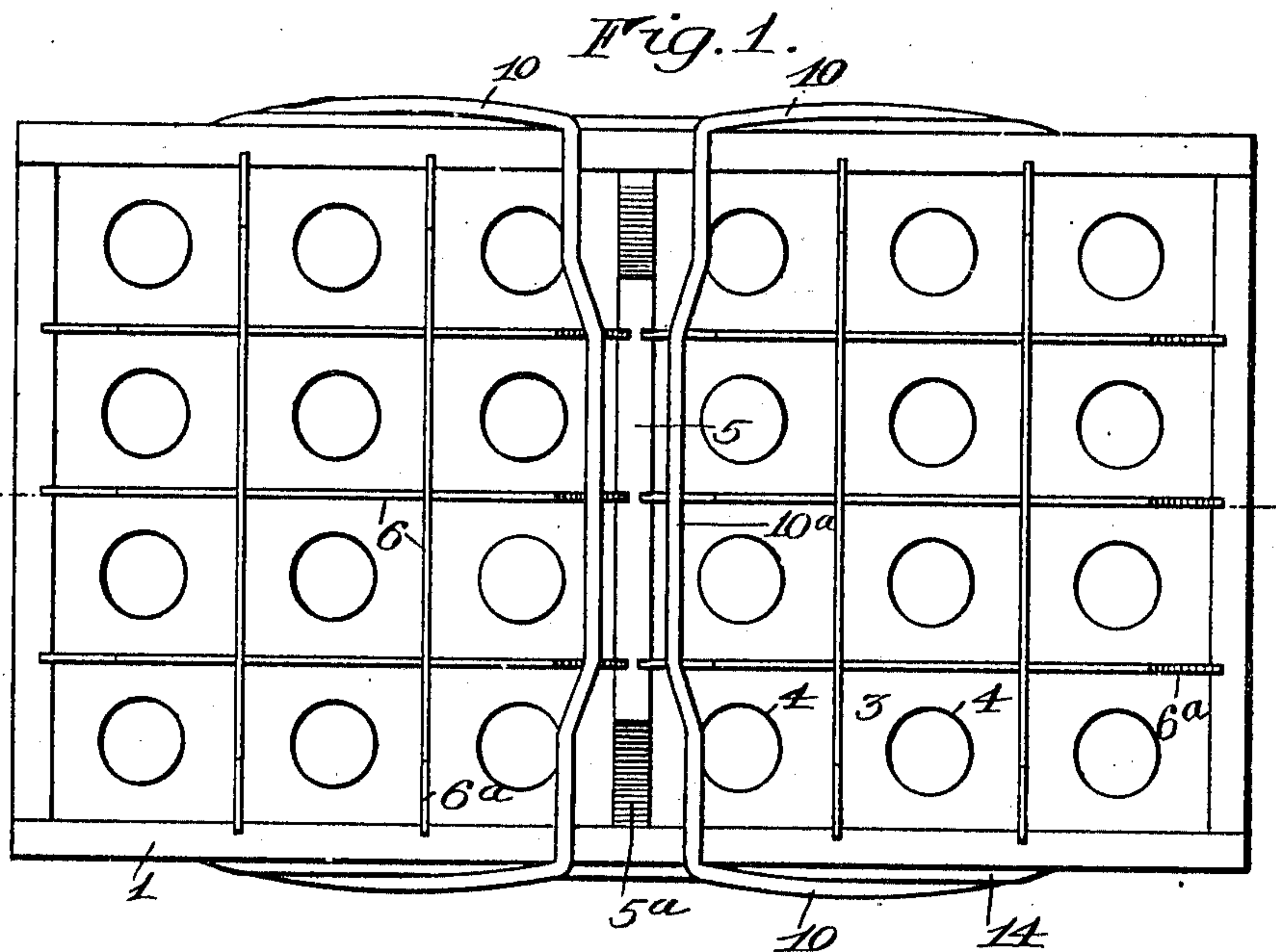


H. S. JENNE.
EGG CARRIER,
APPLICATION FILED MAR. 19, 1908.

945,096.

Patented Jan. 4, 1910.

2 SHEETS—SHEET 1.



Witnesses

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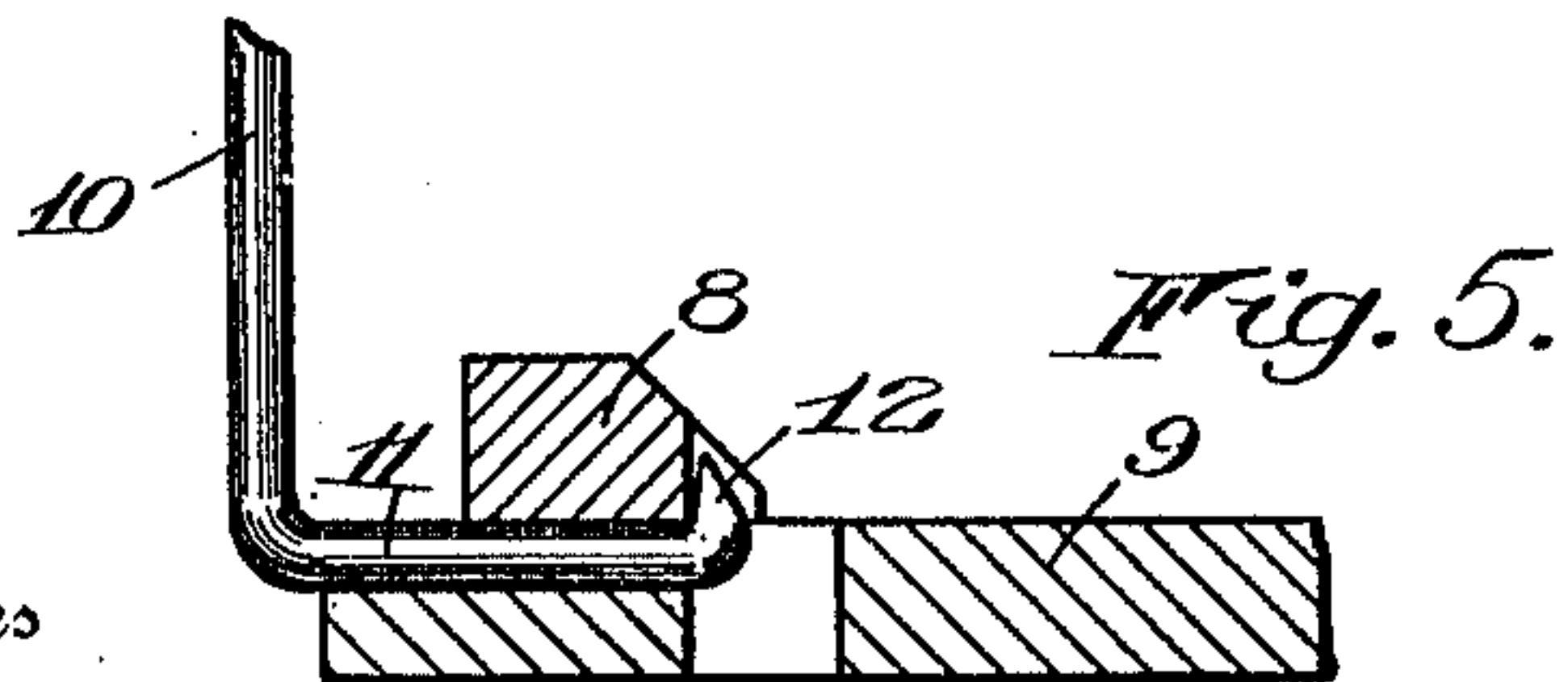
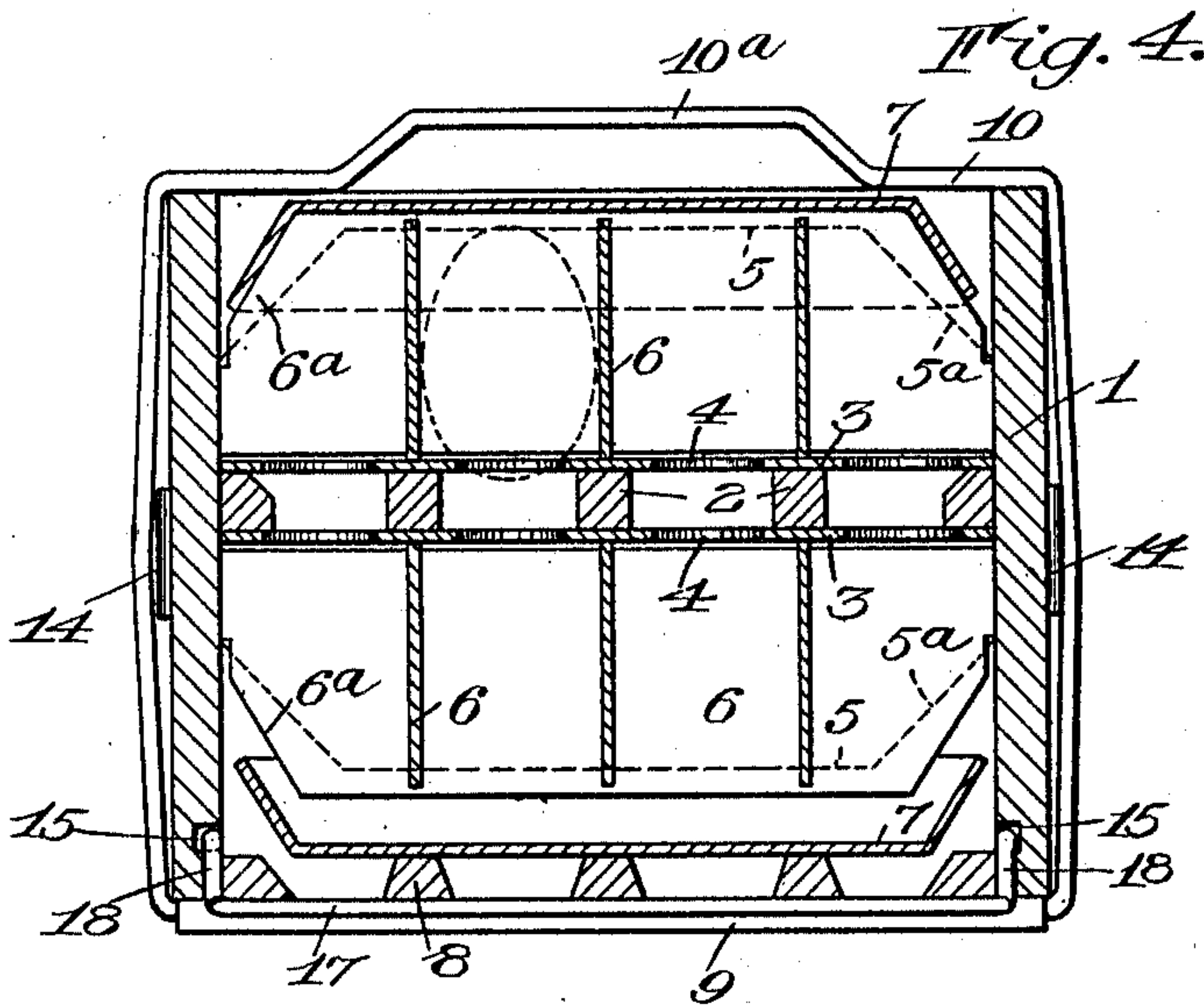
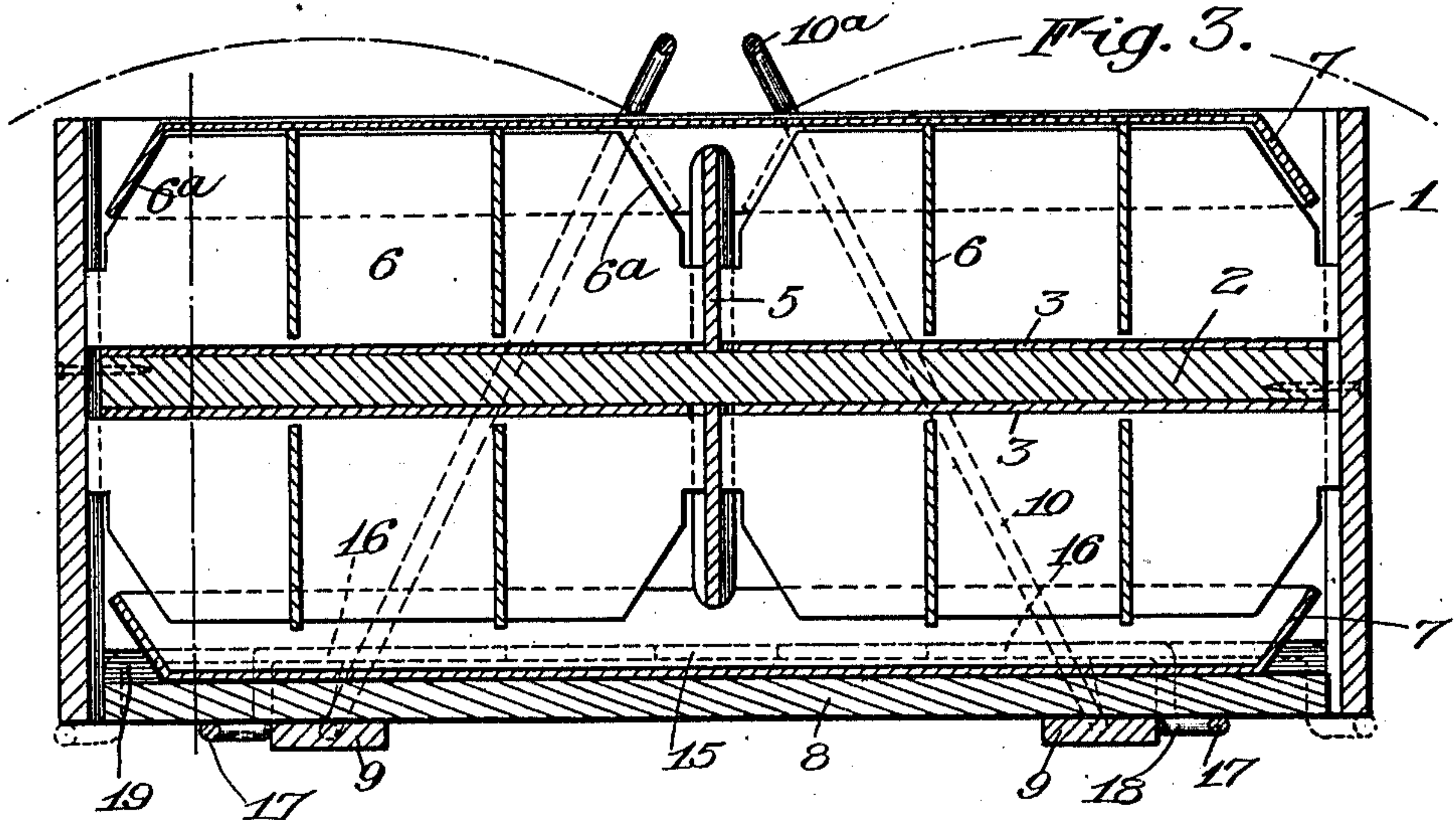
EGG CARRIER.

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2 SHEETS—SHEET 2.



Witnesses

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UNITED STATES PATENT OFFICE.

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EGG-CARRIER.

945,096.

Specification of Letters Patent.

Patented Jan. 4, 1910.

Application filed March 19, 1908. Serial No. 421,989.

To all whom it may concern:

Be it known that I, HENRY S. JENNE, of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Egg-Carriers; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of the specification, and to the reference-numerals marked thereon.

The present invention relates to egg carriers of the type in which a closure serving to hold the eggs in cells in the carrier also acts as a tray to receive the eggs when the carrier is inverted, and it has for an object to provide a construction having increased capacity and permitting the discharge of certain of the eggs without discharging others.

To these and other ends the invention consists in certain improvements and combinations of parts all as will be hereinafter more fully described, the novel features being pointed out in the claims at the end of the specification.

In the drawings: Figure 1 is a plan view of an egg carrier constructed in accordance with this invention; Fig. 2 is a side view of the same carrier; Fig. 3 is a longitudinal vertical section; Fig. 4 is a transverse vertical section, and Fig. 5 is a detail view showing the manner of securing the bails.

With the present invention it is not necessary for a merchant to employ a separate carrier for each order, but a number may be delivered from each carrier without interfering with the other orders, as each tray may be removed independently.

In the embodiment of the invention herein shown there is employed a suitable casing 1 open at its top and its bottom and divided into two parts by a central horizontal partition composed preferably of a series of parallel strips 2 to opposite faces of which are held plates 3 made of card board or other flexible material and provided with openings 4 to form cushion seats for eggs.

Each compartment is divided into a number of cells and this is preferably accomplished by providing rigid and vertical transverse partitions 5 which with the sides of the casing 1 are provided with vertical grooves to receive the ends of the strips of card board or other material serving to

divide the casing into cells. The vertical partitions, in addition to strengthening the casing, divide the cells into two series so that the flexible cell-forming strips 6 may be made shorter and thus have greater strength.

The ends of each of the cell-forming strips are beveled at 6^a, while the ends of the partitions 5 are beveled at 5^a, these beveled portions being provided to receive the flanges of the closures or trays 7 which hold the eggs in the cells. It is apparent that instead of one tray or closure for each compartment as shown in the drawings, two may be employed.

The lower compartment has greater depth than the upper compartment and its cell forming walls are located a greater distance from the bottom edges of the casing than the like walls of the upper compartment are located from the top edges, thus providing a space for the reception of the removable bottom. This removable bottom preferably comprises a series of parallel and longitudinally extending slats 8 fitting within the casing and connected on their under sides by transverse pieces 9, which rest against the lower edges of the casing. This bottom serves to retain the lower tray or trays and preferably has the carrying devices of the casing secured thereto in order to take the strain off of the securing devices for the bottom. These carrying devices preferably embody a pair of bails 10 having handle portions 10^a and pivoted to the bottom by means of portions deflected toward each other to form bearings 11 that turn in transverse pieces 9, the extreme ends 12 being deflected laterally to prevent withdrawal from the bottom. When in the position shown in the drawings, the bails engage the upper tray to hold it upon the cells in the manner shown in Figs. 3 and 4, this tray, of course, being substantially in the plane of the top of the casing. In order that the bails shall not move too freely, I may provide friction pieces or strips 14 on opposite sides of the casing to engage the bails.

While the bails under ordinary circumstances will serve for holding the trays in the bottom and in the upper compartment, yet when the casing is inverted and the bails shifted outwardly, there is a possibility that the casing may drop by reason of the fact

that the bails are secured to the removable bottom, and to prevent this I may provide locking devices for holding the bottom independently of the bails. For this purpose I form the inner faces of the side walls of the lower compartment with longitudinal grooves or guides 15 in which work arms 16 of locking slides each consisting also of a bar 17 to bridge the bottom and L-shaped portions 18 connecting the bar 17 and the arm 16. These L-shaped portions work in ways 19 and when moved outwardly engage the end walls of the casing and throw the bars 17 beyond the field of the bottom, or beyond the inner face of the end walls of the casing, thus permitting the bottom to be withdrawn. The arrangement of the slides within the casing prevents their accidental displacement and loss.

In operation the casing is inverted and the bottom chamber is first filled with one or two orders of eggs, trays being fitted over the cells to correspond with the number of orders. The bottom is then placed within the casing and secured by the locking devices. The casing may now be turned and the upper chamber filled with one or two orders and closed by a tray or trays. The bails being moved to the position shown in the drawings serve as a means by which the carrier may be held and when only one tray is employed hold it upon the carrier.

In removing the eggs, push the bails off the ends of the carrier, to the plane of the bottom to which they are attached; lift the carrier, thus leaving the eggs in the lower chamber resting in their trays upon the bottom. To remove the eggs from the upper chamber when it is thus separated from the bottom and its bails, invert the carrier, supporting the tray or trays by hand in so doing, and lay the trays with their contents beside the others.

I claim as my invention:

1. The combination with a casing open at its top and its bottom, of a rigidly secured horizontal partition dividing said casing into two chambers and comprising parallel strips and perforated plates arranged on opposite sides of the strips, and cell-forming walls in each chamber.

2. The combination with a casing open at its top and its bottom, of a rigidly secured horizontal partition dividing said casing into two chambers and comprising parallel strips, and perforated plates of flexible material loosely arranged on opposite sides of the strips, and cell-forming walls in each chamber holding the plates against the strips.

3. The combination with a casing open at its top and its bottom, of a rigidly secured horizontal partition dividing the casing into two chambers, cell forming walls in each chamber, trays closing the cells, and a removable bottom for the casing supporting a tray

in coöperative relation to the cells of the lower chamber.

4. The combination with a casing open at its top and its bottom, of a rigidly secured horizontal partition dividing the casing into two chambers, a removable bottom for the casing, and a pair of bails secured to the bottom.

5. The combination with a casing open at its top and its bottom, of a rigidly secured horizontal partition dividing the casing into two chambers, cell forming walls in each chamber, trays closing the cells, a removable bottom for the casing supporting a tray in the lower chamber, and a bail secured to the bottom and passing above the tray of the upper cell.

6. The combination with a casing open at its top and its bottom, of a rigidly secured horizontal partition dividing the casing into two chambers, a removable bottom for the casing, devices for securing said bottom in the casing, and a pair of bails secured to the bottom.

7. The combination with a casing open at its top and its bottom, of a rigidly secured horizontal partition dividing the casing into two chambers, a removable bottom for the casing, and bars having sliding engagement with the casing at their ends, movable to positions to hold the bottom in the casing.

8. The combination with a casing having a chamber therein, of cell-forming walls in said chamber, a tray closing said cells, and a pair of bails having handle portions and mounted to swing over the ends of the casing to hold the tray in position.

9. The combination with a casing open at its top and its bottom, of a rigidly secured horizontal partition dividing said casing into two chambers, cell-forming walls arranged in each casing, trays closing the cells, a removable bottom for the casing, and bails having handle portions, carried by the bottom and mounted to swing over the ends of the casing to hold the tray in the upper chamber.

10. The combination with a casing open at its top and its bottom, of a rigidly secured horizontal partition dividing said casing into two chambers, cell-forming walls arranged in each casing, trays closing the cells, a removable bottom for the casing, bails having handle portions, carried by the bottom and mounted to swing over the ends of the casing to hold the tray in the upper chamber, and a locking device for the removable bottom.

11. The combination with a casing open at its top and its bottom, of a rigidly secured horizontal partition dividing said casing into two chambers, cell-forming walls arranged in each casing, trays closing the cells, a removable bottom for the casing, bails having handle portions, carried by the bottom

and mounted to swing over the ends of the casing to hold the tray in the upper chamber, a locking device for the removable bottom, and friction devices coöperating with the
5 bails to hold them against accidental displacement.

12. The combination with a casing having a chamber therein, of cell-forming walls within said chamber, a closure for said chamber and a locking bar for the closure guided
10 at its end on the inner walls of the casing.

13. The combination with a casing having a chamber therein, opposite inner walls of the casing being formed with guides of a re-
15 movable closure for the chamber, and a locking bar having guiding portions at its ends

and L-shaped connections between the bar and the guiding portions.

14. The combination with a casing having a chamber therein, opposite inner walls of
20 the chamber being formed with guides, of a removable closure for the chamber and locking devices therefor comprising locking bars, guiding portions at their ends, and connections between the guiding portions and the
25 locking bars formed to permit the bars to be shifted beyond the inner face of the inner walls of the casing.

HENRY S. JENNE.

Witnesses:

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HAROLD H. SIMMS.