

D. L. BLOCK.
PAPER BOX.
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954,414.

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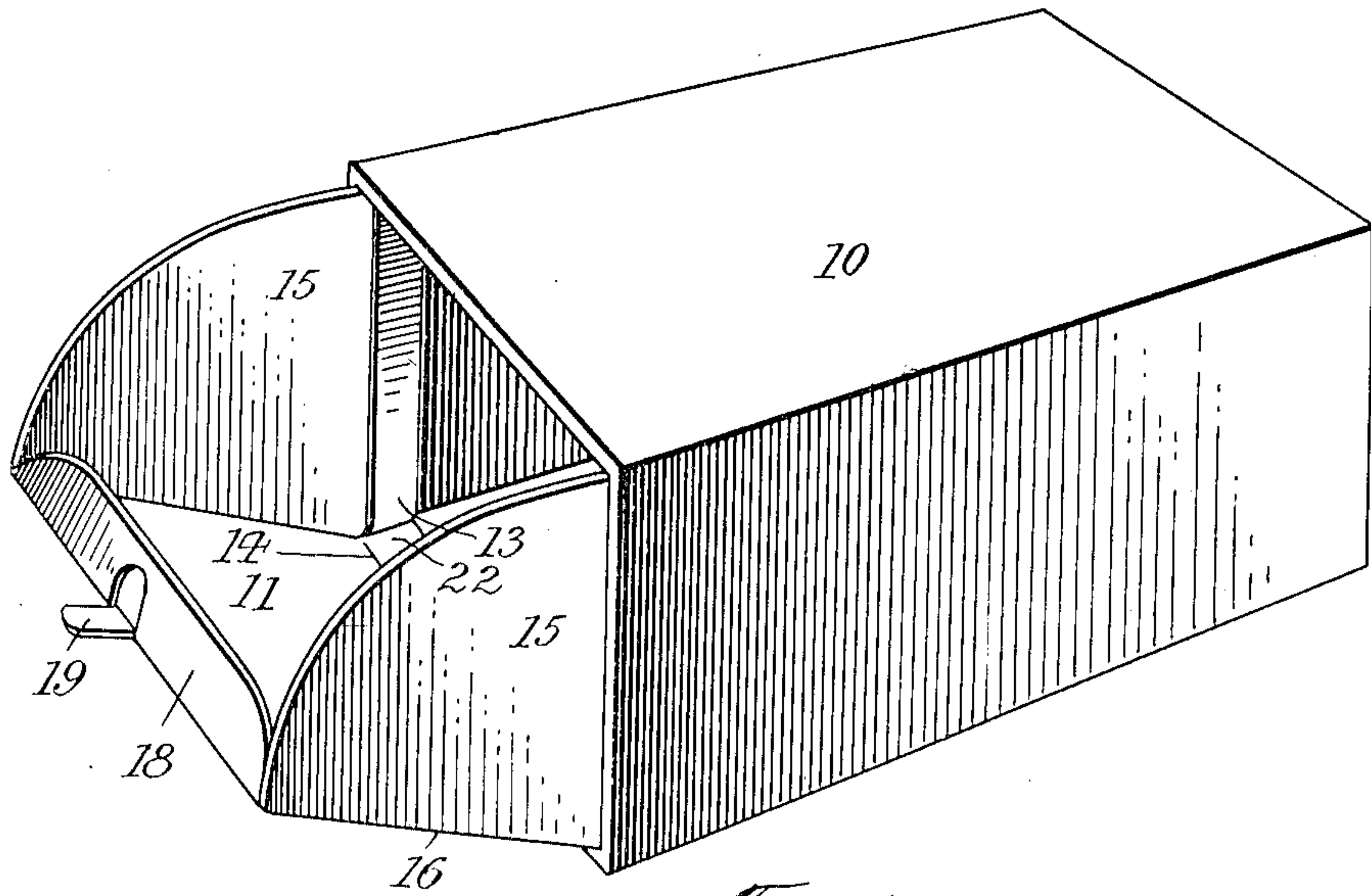


Fig. 1.

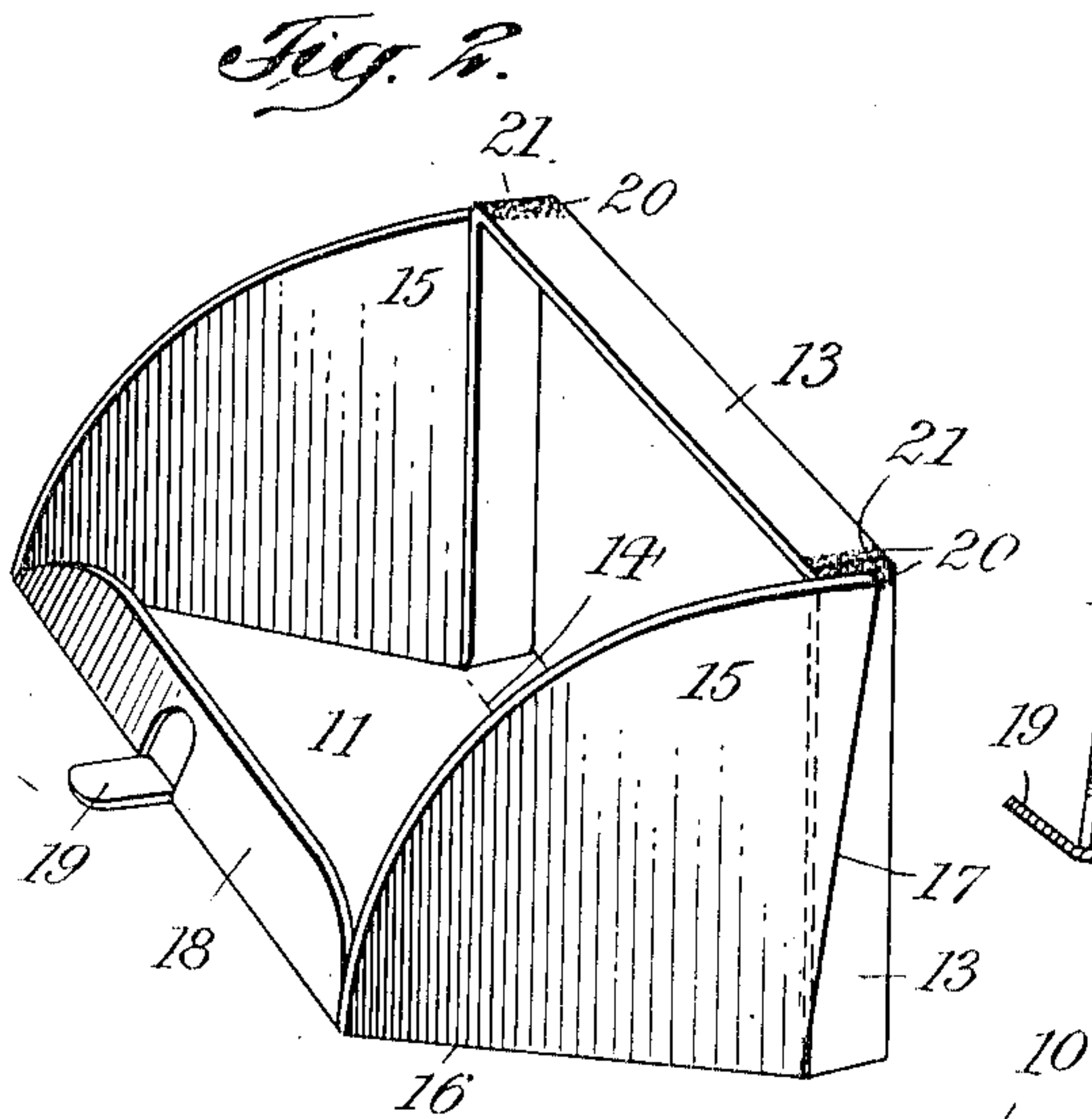


Fig. 2.

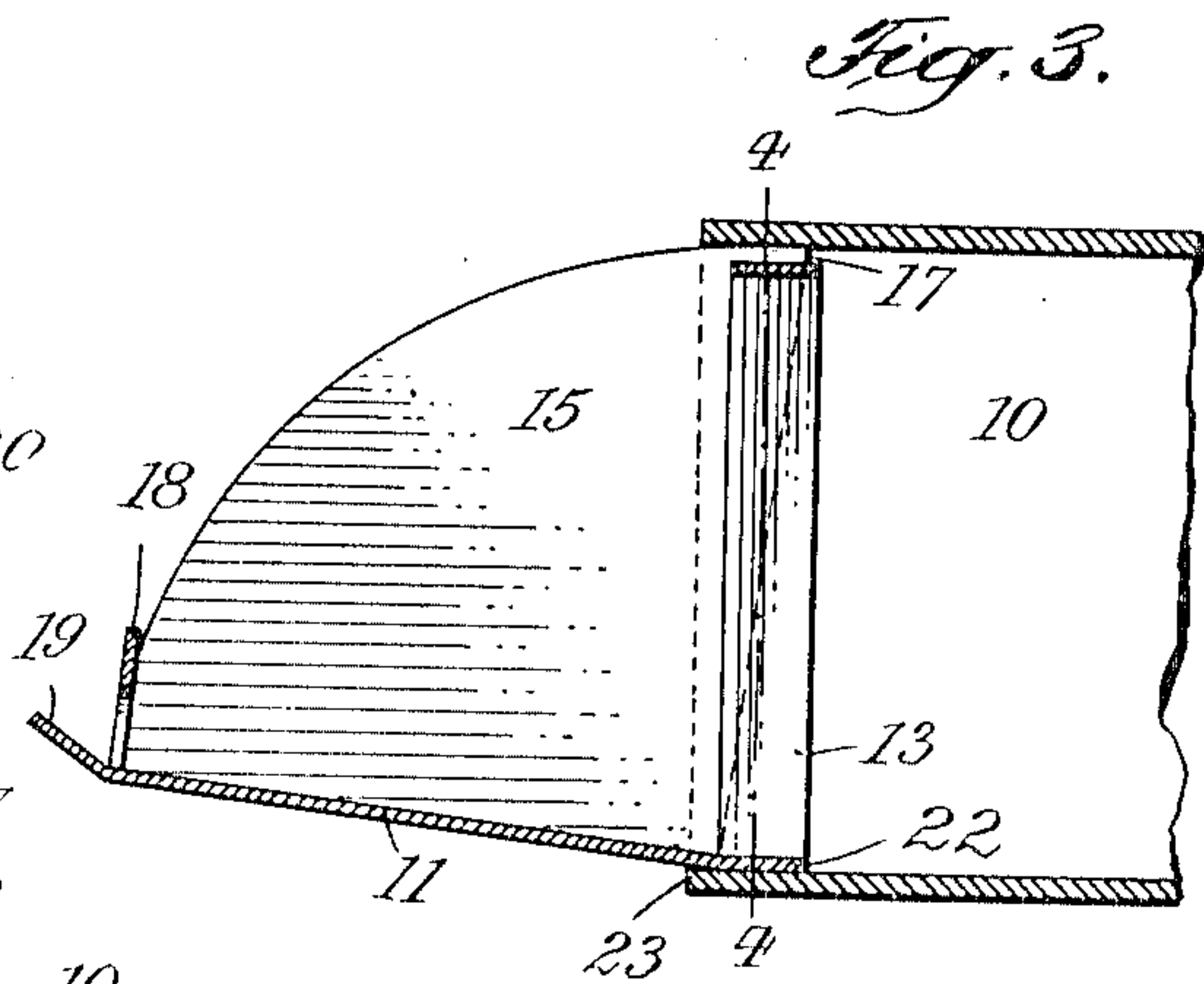


Fig. 3.

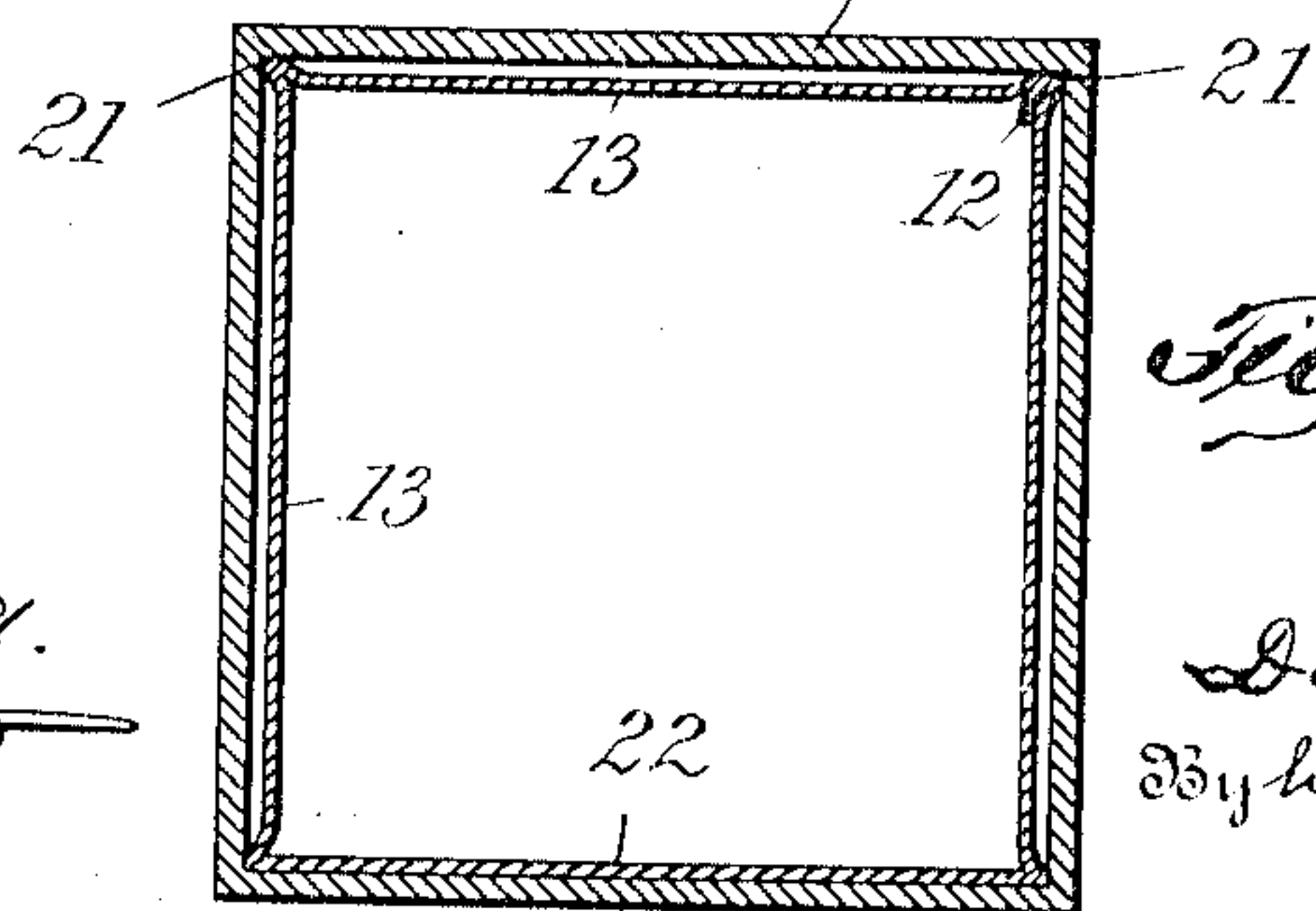


Fig. 4.

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UNITED STATES PATENT OFFICE.

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PAPER BOX.

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To all whom it may concern:

Be it known that I, DAVID L. BLOCK, a citizen of the United States, residing at New York city, county and State of New York, have invented new and useful Improvements in Paper Boxes, of which the following is a specification.

This invention relates to a paper box of novel construction, which is of superior strength, not liable to be broken in transportation, and provides a reliable support for the contents of the box while the same are being introduced or removed.

In the accompanying drawing: Figure 1 is a perspective view of my improved paper box; Fig. 2 a similar view of the head detached; Fig. 3 a longitudinal section through the front of the box, and Fig. 4 a cross section on line 4—4, Fig. 3, with the flaps omitted.

The rectangular body 10 of the box is adapted to be closed by a cover 11 made from a separate sheet of paper or card board. Cover 11 is provided with an integral strip projecting from the inner end thereof and which is bent into rectangular shape and connected at its ends as at 12, to form a continuous rectangular band 13, the connection between band and cover being scored as at 14, so that the cover may swing on the band. From each side of cover 11 extends a scored integral flap 15 which is made substantially sector-shaped, the outer edge 16 of the flap being, however, somewhat shorter than the inner edge 17, so that the flap is slightly eccentric. The forward edge of the cover has a scored integral front flap 18 provided with a U-shaped incision to form an integral finger-piece 19 which is bent outwardly as shown. Cover 11, together with its band 13 and flaps 15, 18, constitute the integral head of the box. The dimensions of the parts are such that band 13 fits easily into box 10,

into which it is slipped to such a depth that the front edge of the band is set back somewhat from the corresponding edge of the box, as is shown in Fig. 3. After being so positioned, the band is secured to the box by an adhesive 20 applied at the two upper corners 21 and along its entire bottom strip 22, so that the side strips and the top strip of the band are detached from the box between the corners.

The parts being assembled as described, the side flaps 15 are received between the sides of the box and the side strips of band 13, the latter thus serving as guides for said flaps. When the cover is closed, its front flap 18 will be tucked in between the top strip of band 13 and the top of the box, to effect a tight closure, said top strip thus constituting a guide and a locking means for flap 18. When the cover is opened, it will be supported upon the protruding end 23 of the box-bottom, while the side flaps will, owing to their eccentric form, jam against the box-top. Thus, when the contents of the box are pulled out, they will be firmly supported by the cover which is effectively locked against dropping under the weight of said contents.

It will be seen that my improved box is effectively reinforced at its forward end, is of simple construction, and permits its contents to be readily inspected, removed and replaced.

I claim:

A paper box comprising a body, and a cover having an integral band, a pair of integral side flaps and an integral front flap, the band being fastened within the body and constituting a guide for the flaps.

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