

R. C. BENDER.
BOX FASTENER.

APPLICATION FILED MAY 4, 1908.

903,659.

Patented Nov. 10, 1908.

Fig. 1.

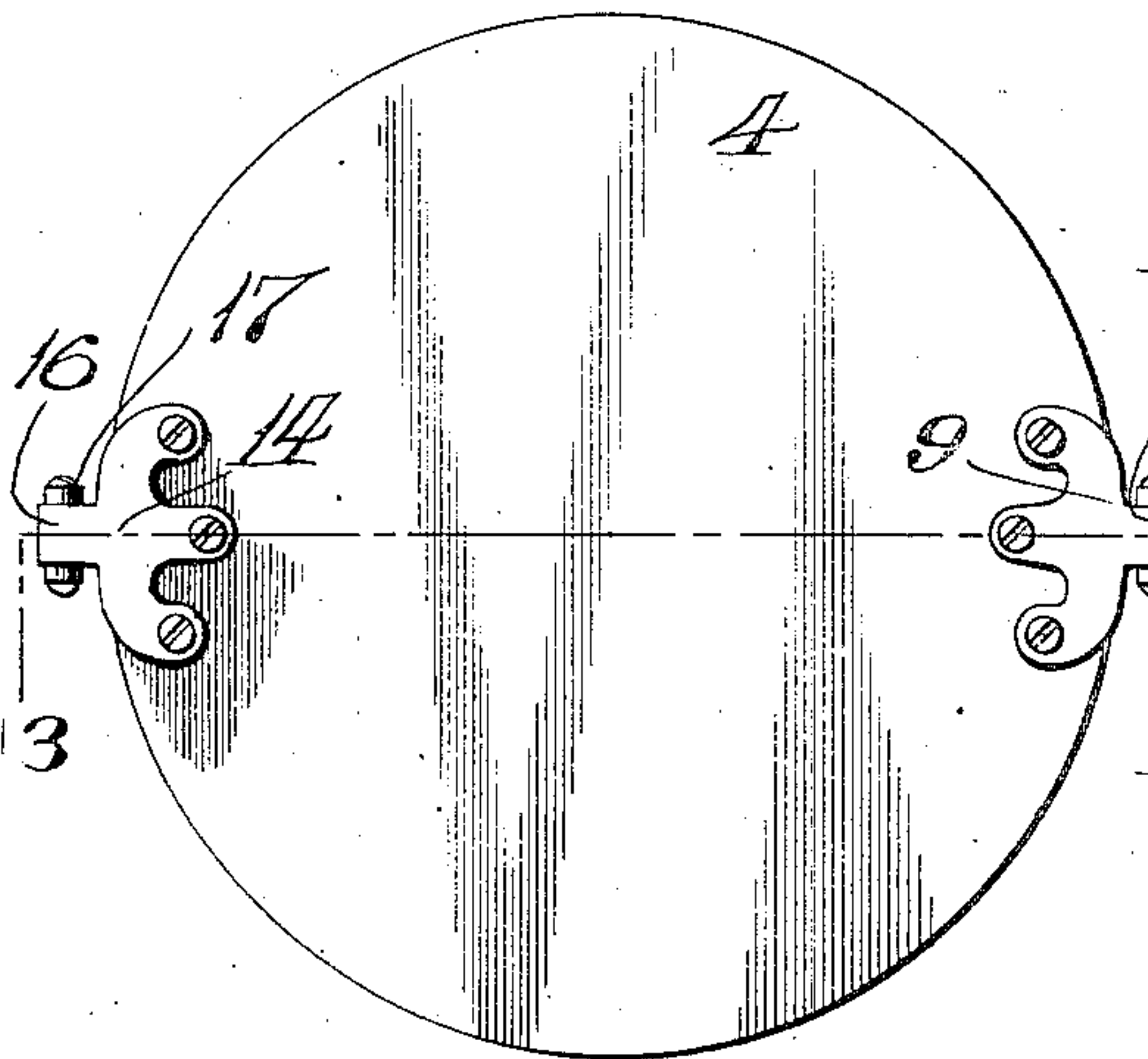


Fig. 2.

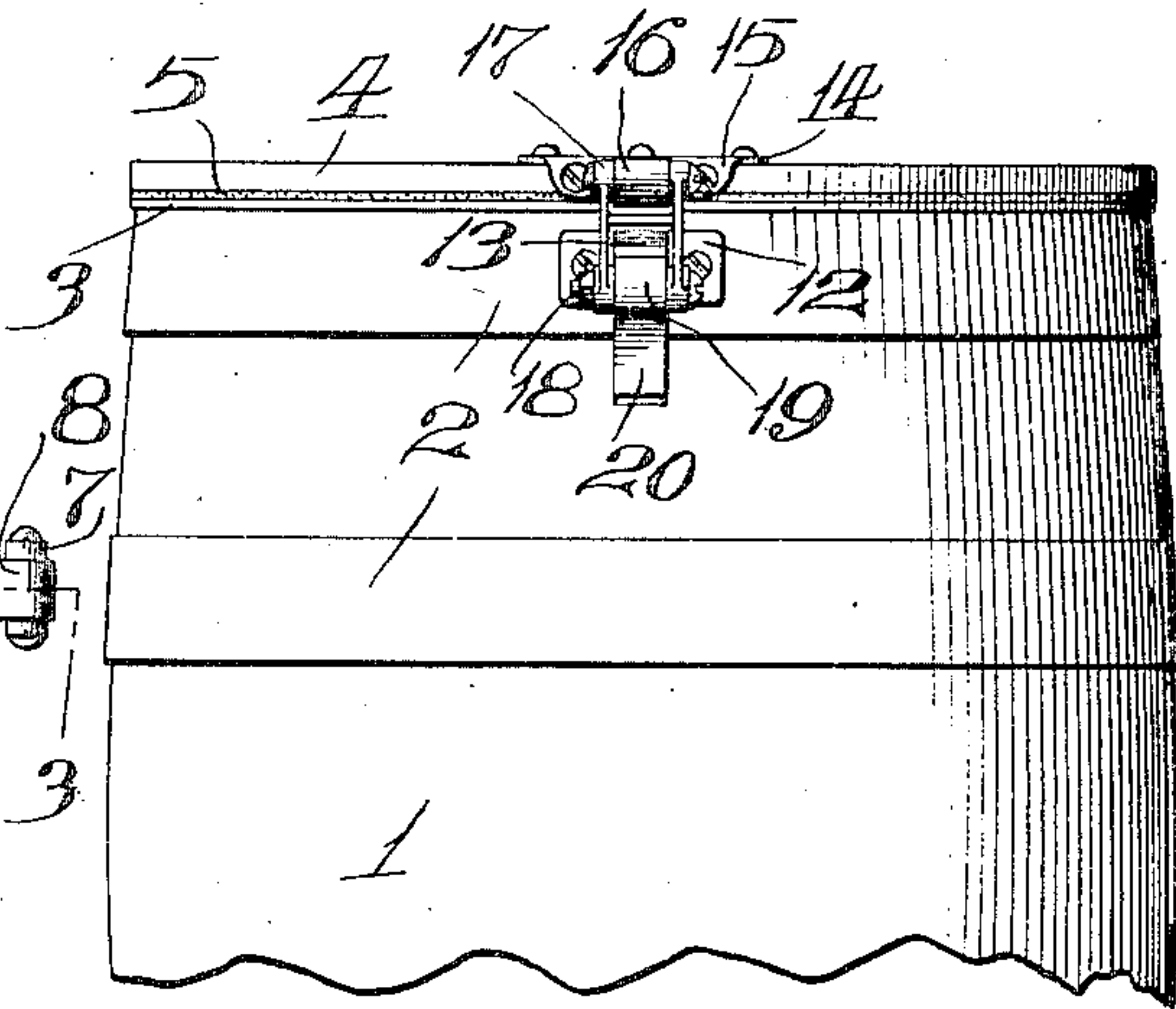


Fig. 3.

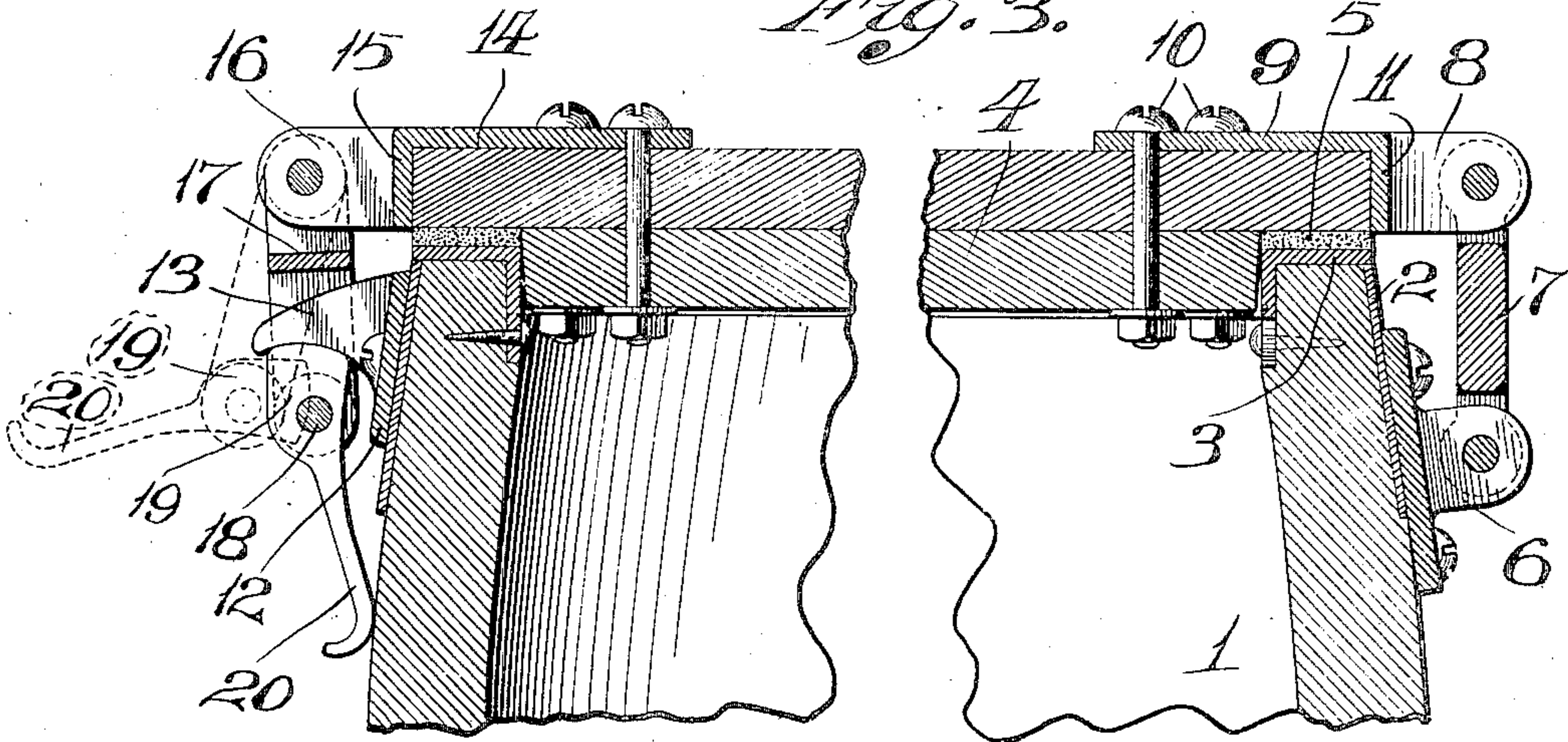
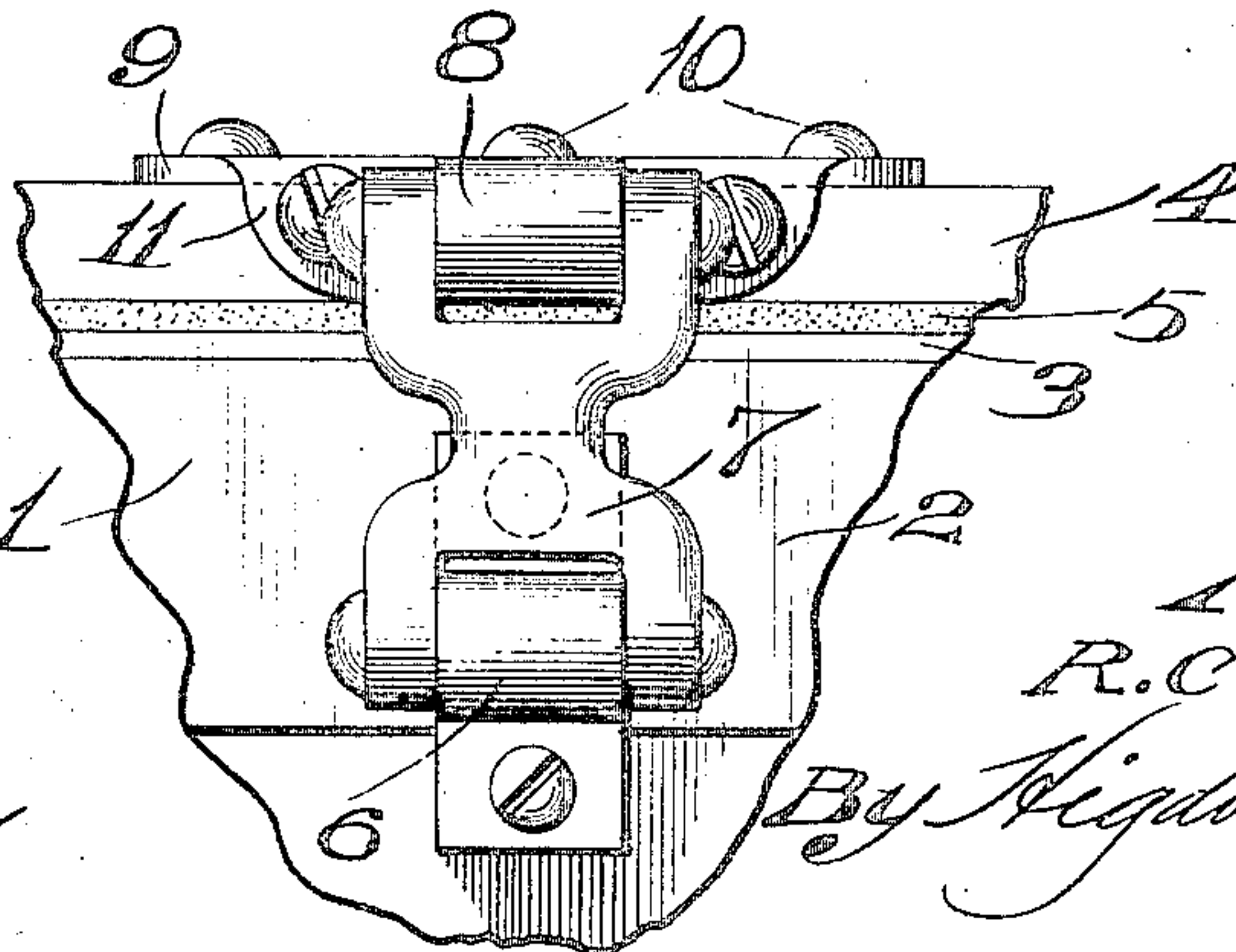


Fig. 4.



attest.
H. G. Fletcher.
M. P. Smith

Inventor.
R. C. Bender.
By Higdon & Sougan
attys.

UNITED STATES PATENT OFFICE.

ROBERT C. BENDER, OF ST. LOUIS, MISSOURI.

BOX-FASTENER.

No. 903,659.

Specification of Letters Patent.

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Application filed May 4, 1908. Serial No. 430,812.

To all whom it may concern:

Be it known that I, ROBERT C. BENDER, a citizen of the United States, and resident of St. Louis, Missouri, have invented certain new and useful Improvements in Box-Fasteners, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates generally to box fasteners, and more particularly to the means employed for connecting the lid or cover to the body of an oyster carrier, or the like; and the object of my invention is to provide a simple inexpensive easily operated latch arranged on the cover, which latch when moved into a locked position tends to bring the under side of the cover into close contact with the top of the body of the carrier.

To the above purposes, my invention consists in certain novel features of construction and arrangement of parts, which will be hereinafter more fully set forth, pointed out in the claim, and illustrated in the accompanying drawings, in which:—

Figure 1 is a plan view of an oyster carrier, the cover of which is provided with attaching means, as contemplated by my invention; Fig. 2 is an elevation of the upper portion of the carrier, and showing the latch between the cover and the body of the carrier; Fig. 3 is an enlarged vertical section taken on the line 3—3 of Fig. 1; Fig. 4 is an elevation of the hinge which unites the rear side of the cover and the body of the carrier.

Referring by numerals to the accompanying drawings;—1 designates the body of the carrier, which is usually in the form of a keg or barrel, in which the oyster cans or containers are positioned, and said body being provided with a series of hoops 2.

Fitted onto the upper end of the body 1 is a reinforcing ring 3, which is of inverted L-shape in cross section, with the vertical flange fitted against the inner face of the top of the body 1; and said reinforcing ring being fixed to the body 1 by pins or screws, or in any suitable manner.

The cover 4 for the carrier is constructed of a pair of disks, of wood or analogous material, the lower one of which is somewhat smaller in diameter than the upper one in order to fit snugly within the ring 3; and arranged on the under side of the edge of the upper disk is a packing ring 5, of felt, or analogous material, which, when the

cover is arranged on top of the body 1, bears on top of the ring 3.

Fixed to the rear side of the body 1, adjacent the top edge thereof, is a bracket 6, to which is pivotally connected the lower end of a link 7, and the upper end of this link is pivotally connected to a lug 8 formed integral with a plate 9, which is rigidly connected, by means of bolts 10, to the cover 4; and said plate being provided on its outer edge with a depending flange 11, which fits over the edge of the top disk of the cover 4.

Fixed to the front side of the body 1, adjacent the top thereof, is a plate 12, with which is formed integral an outwardly projecting lug or hook 13.

Fixed on top of the cover 4, directly opposite the plate 9, is a plate 14, with the front side of which is formed integral a depending flange 15, which bears upon the edge of the upper disk of the cover 4; and formed integral with this flange 15 is an outwardly projecting lug 16, to which is pivotally connected the upper end of a hanger 17; and pivotally mounted on a pin 18 passing horizontally through the bifurcated lower end of this hanger is a block 19, the top of which is adapted to fit beneath the lug or hook 13; and formed integral with said block 19 is a depending finger 20, and this finger and block 19 form a latching member or lever which engages the hook 13 to hold the cover closed. The block 19 is eccentrically arranged on the pin 18 in order that when the finger 20 is swung against the side of the body 1, or into a locked position, the top of the block will engage the hook in such a manner as to firmly remain in its locked position until the finger 20 is engaged and swung upward.

When the cover is closed and it is desired to latch the same, the hanger 17 is swung downward over the hook 13, with the block 19 and the finger 20 of the latch member in the position shown by dotted lines in Fig. 3; and when the parts are so positioned, the finger 20 is moved downward into position against the body 1, which action brings the eccentric portion of the block 19 to bear against the under side of the hook 13; and, as a result, the cover is held tightly against the top of the body 1, and the packing ring 5 is compressed so as to form a tight joint between the body and cover.

A fastener of my improved construction is simple, inexpensive, and easily manipu-

lated, is particularly applicable for oyster carriers and the like, and very firmly holds the cover in a closed position on top of the body of the carrier.

5 I claim:—

A box fastener, comprising a plate adapted to be attached to the cover of the box, a bifurcated hanger pivotally connected to the edge of the cover, a hook fixed on the
10 body of the box and adapted to engage through the hanger, a latching member pivotally mounted in the lower end of the bifur-

cated hanger and adapted to engage beneath the hook, and an eccentric head formed integral with the upper end of said latching member.

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

ROBERT C. BENDER.

Witnesses:

M. P. SMITH,
E. L. WALLACE.