

No. 693,607.

Patented Feb. 18, 1902.

C. M. JOHNSON.

BOX FASTENER.

(Application filed Nov. 4, 1901.)

(No Model.)

Fig. 2.

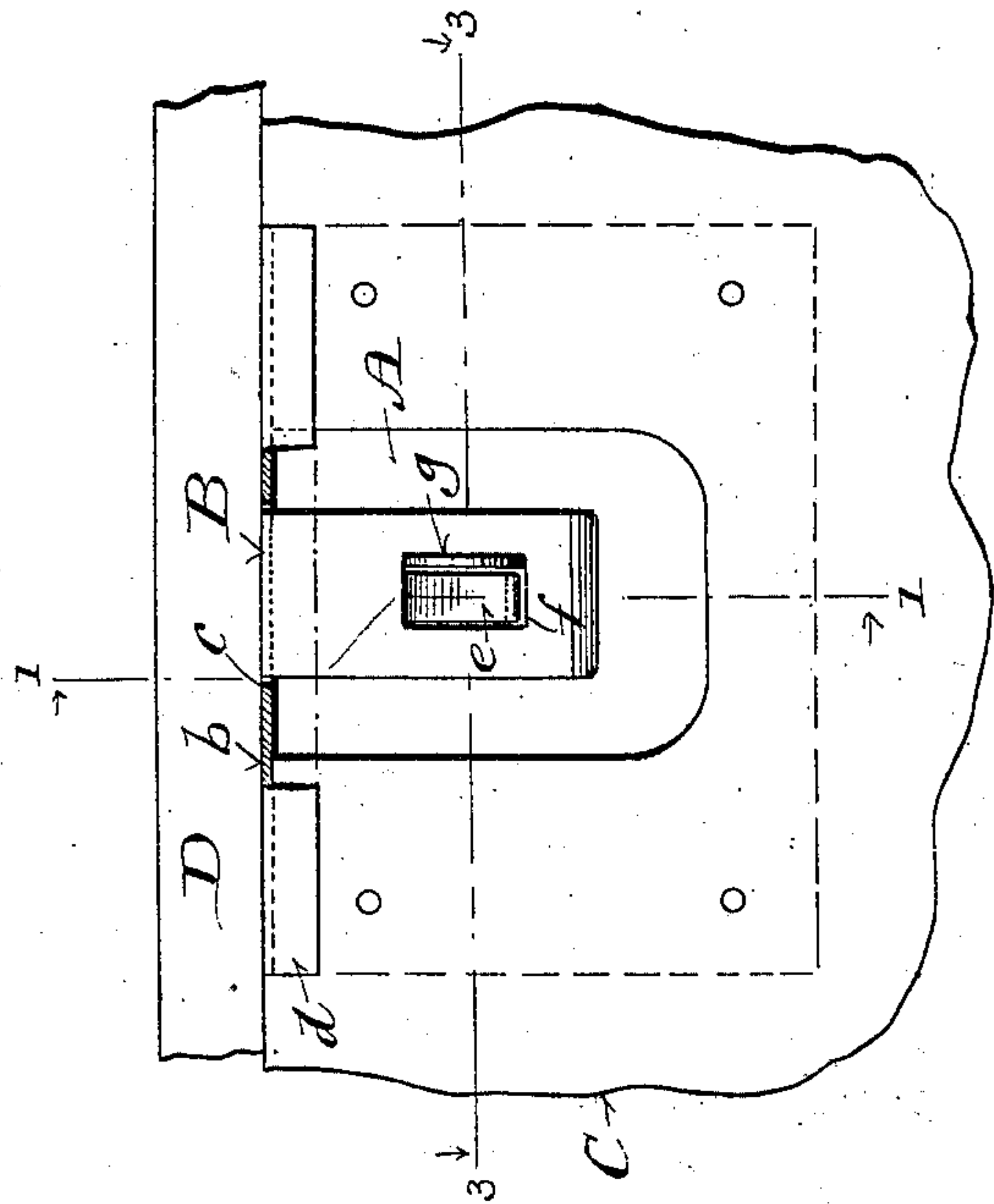


Fig. 3.

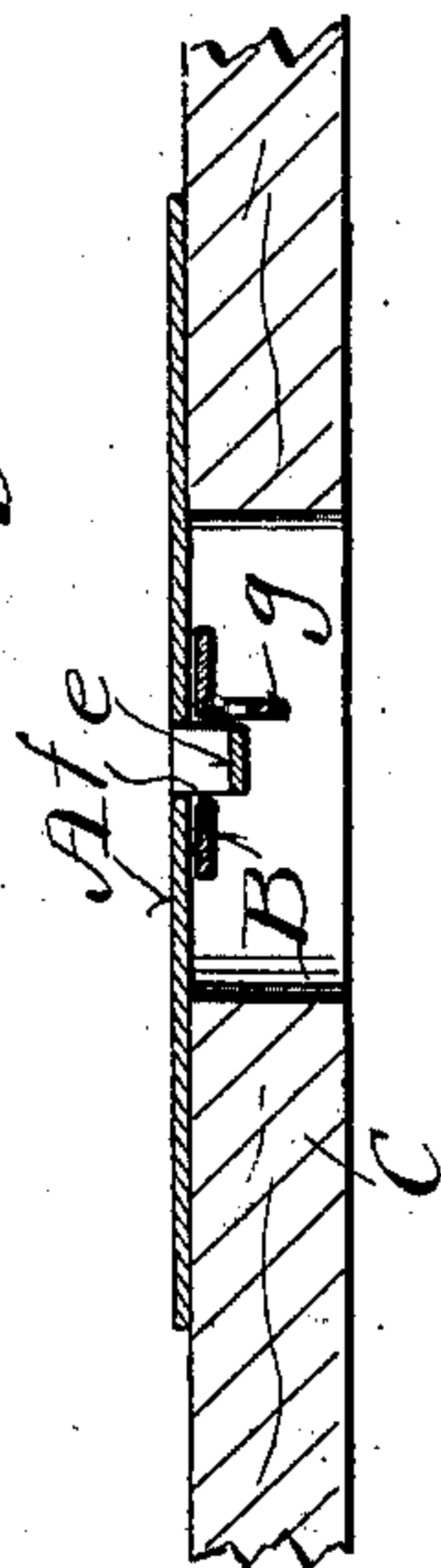
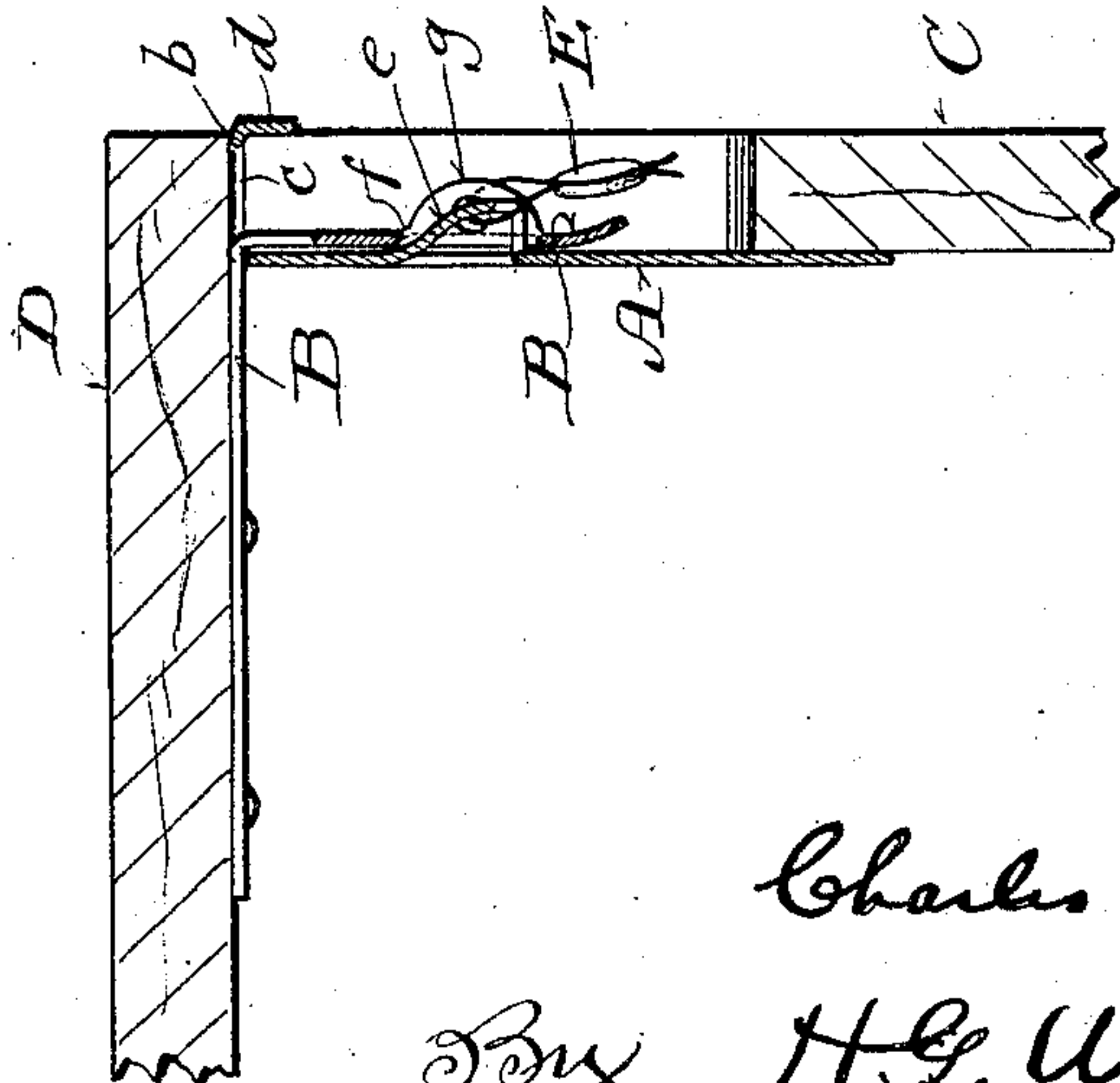


Fig. 1.



Witnesses:  
Geo. W. Young,  
H. E. Oliphant

Inventor  
Charles M. Johnson  
By H. G. Underwood,  
Attorney

# UNITED STATES PATENT OFFICE.

CHARLES MANFIELD JOHNSON, OF MILWAUKEE, WISCONSIN, ASSIGNOR,  
BY DIRECT AND MESNE ASSIGNMENTS, OF ONE-HALF TO CHARLES H.  
COAKLEY, WILLIAM F. COAKLEY, AND STEPHEN S. CRAMER, OF MIL-  
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## BOX-FASTENER.

SPECIFICATION forming part of Letters Patent No. 693,607, dated February 18, 1902

Application filed November 4, 1901. Serial No. 81,021. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES MANFIELD JOHNSON, a citizen of the United States, and a resident of Milwaukee, in the county of Mil-  
waukee and State of Wisconsin, have invent-  
ed certain new and useful Improvements in  
Box-Fasteners; and I do hereby declare that  
the following is a full, clear, and exact de-  
scription thereof.

My invention has for its object to provide  
simple economical box-fasteners organized  
with especial reference to the use of metallic  
seals; and it consists in certain peculiarities  
of construction and combination of parts here-  
inafter particularly set forth with reference  
to the accompanying drawings and subse-  
quently claimed.

Figure 1 of the drawings represents a ver-  
tical transverse sectional view of a portion of  
a box provided with a fastener in accordance  
with my invention, this view being indicated  
by lines 1 1 in the second figure; Fig. 2, an  
elevation of what is shown in the first figure,  
and Fig. 3 a horizontal section on the plane  
indicated by line 3 3 in said second figure.

Referring by letter to the drawings, A in-  
dicates a sheet-metal plate having an upper  
right-angle flange *b*, provided with a longitu-  
dinal slot *c*, and a forward lip *d* is shown de-  
pending from the flange. Central of the plate  
the metal is struck outward in a vertical di-  
rection to form a gradually-deepened loop *e*,  
the lower deepest portion of this protuber-  
ance of the plate being a horizontal shoulder.

Plate A, having the slotted flange and the  
loop above specified, constitutes the keeper  
of my improved box-fastener, the latch B of  
the fastener being a strip of sheet metal bent  
to form a right angle, its vertical or tongue  
portion being provided with a longitudinal  
slot *f* and an apertured outer lateral ear *g* at  
a right angle to the slot adjacent thereto, the  
metal in the ear being some of said tongue  
partly cut away from the same and struck up  
therefrom to provide said slot.

In practice plate A or keeper portion of the  
fastener is fitted on a wall C of a box and made  
fast thereto by nails or screws driven into the  
wall through apertures provided in said plate.

A recess provided in the box-wall is closed at  
the back by plate A, and the slot *c* in plate-  
flange *b* registers with the recess. The latch  
portion B of the fastener is made fast to the  
under side of a swing-lid D for the box in po-  
sition to have its tongue portion extend  
through the flange-slot *c* of plate A when the  
lid is swung down, the tongue-slot *f* being then  
engaged by the outer protuberance of said  
plate. The box-lid having been automatic-  
ally latched in its swung-down position, the  
wire or strap of an ordinary metal seal E may  
be engaged with the tongue-ear and outer  
keeper protuberance of the fastener. The  
lower end of the latch-tongue is bent outward  
to facilitate grasp of same when said tongue  
is to be sprung clear of the protuberance of  
the keeper-plate.

While I have shown the keeper portion of  
the fastener provided with the forward-de-  
pending flange-lip *d*, that faces the box-wall  
C, this lip may be omitted if not found nec-  
essary or desirable.

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

1. A box-fastener comprising a keeper con-  
sisting of a plate provided with an outer pro-  
tuberance and an upper right-angle flange  
having a longitudinal slot, and a latch con-  
sisting of a right-angle strip having its ver-  
tical or tongue portion provided with a lon-  
gitudinal slot and an apertured outer lateral  
ear, the keeper and latch being respectively  
attachable to a wall and swing-lid of a box in  
such relative positions that the tongue of said  
latch is engageable with the flange-slot and  
outer protuberance of said keeper, the wire  
or strap of an ordinary metallic seal being en-  
gageable with the latch-ear and keeper pro-  
tuberance.

2. A box-fastener comprising a keeper con-  
sisting of a plate provided with an outer pro-  
tuberance and an upper right-angle flange  
having a longitudinal slot and depending for-  
ward lip, and a latch consisting of a right-an-  
gle strip having its vertical or tongue portion  
provided with a longitudinal slot and an ap-  
ertured ear struck up therefrom adjacent to



the slot, the keeper and latch being respectively attachable to a wall and swing-lid of a box in such relative positions that the tongue of said latch is engageable with the flange-slot  
5 and outer protuberance of said keeper, the wire or strap of an ordinary metallic seal being engageable with the latch-ear and keeper protuberance.

In testimony that I claim the foregoing I have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wisconsin, in the presence of two witnesses.

CHARLES MANFIELD JOHNSON.

Witnesses:

N. E. OLIPHANT,  
B. C. ROLOFF.