

No. 671,901.

Patented Apr. 9, 1901.

J. W. THOMAS & C. R. GALLION.

FASTENING FOR CRATES, &c.

(Application filed Mar. 13, 1900. Renewed Dec. 3, 1900.)

(No Model.)

Fig. 1.

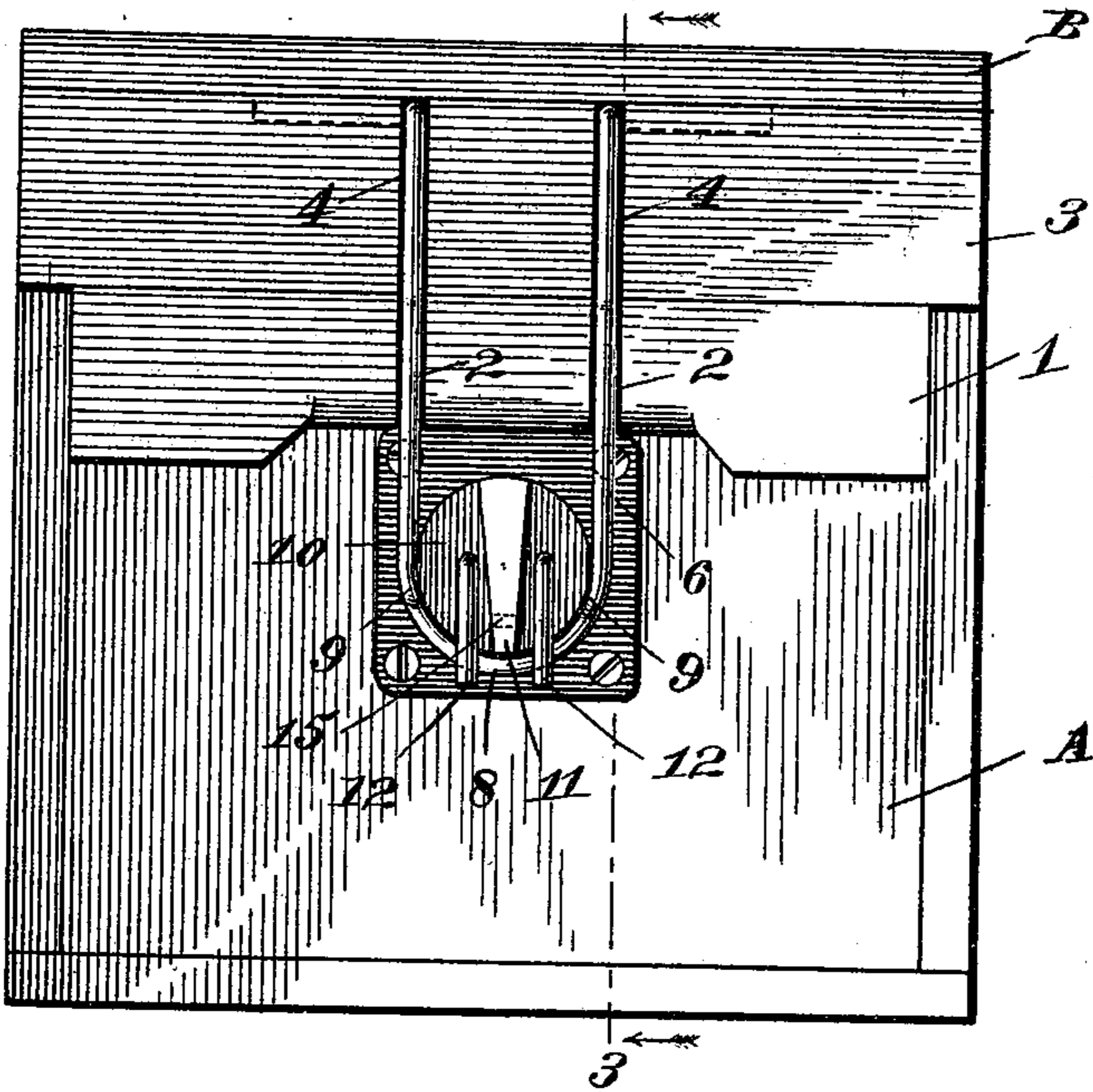


Fig. 3.

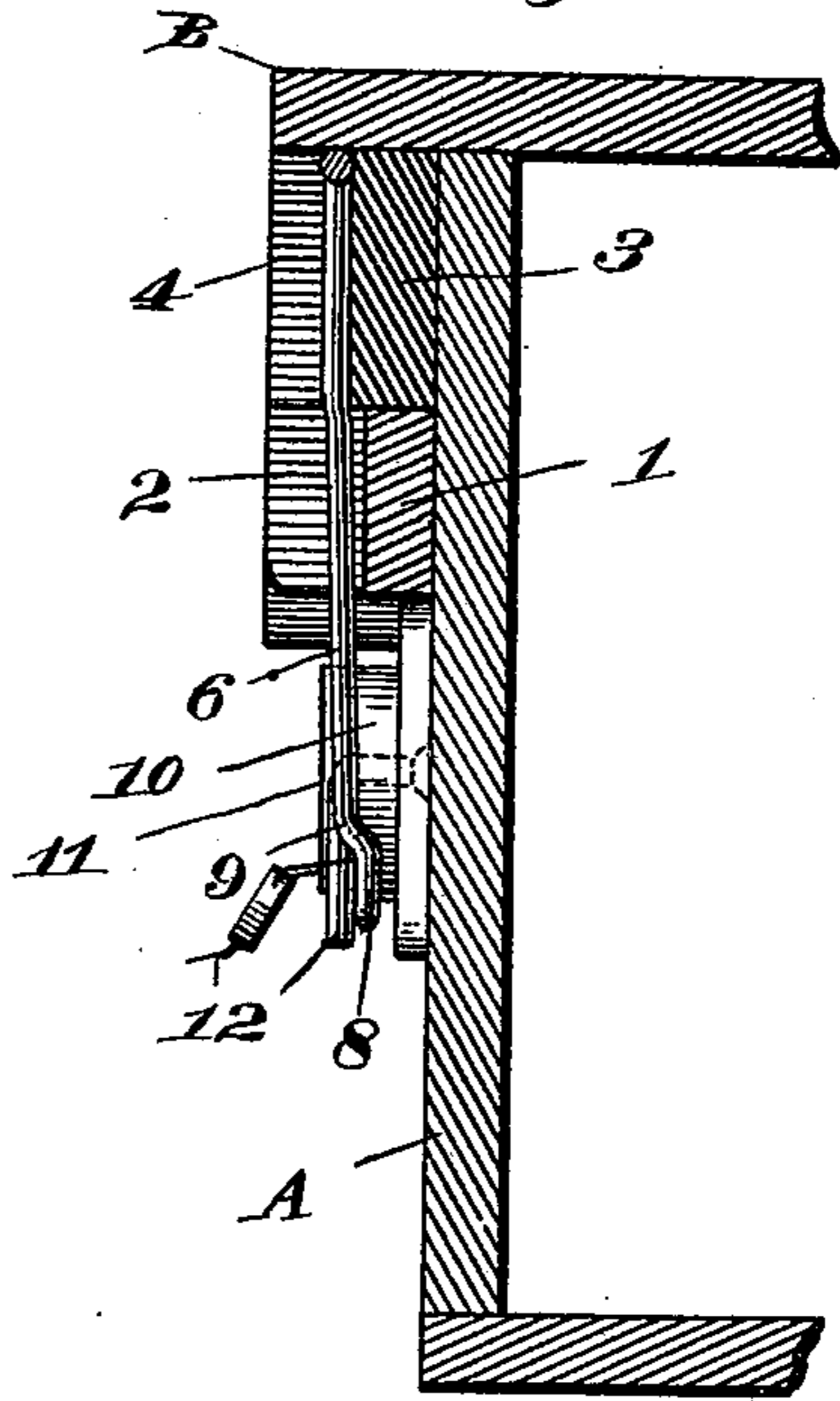


Fig. 2.

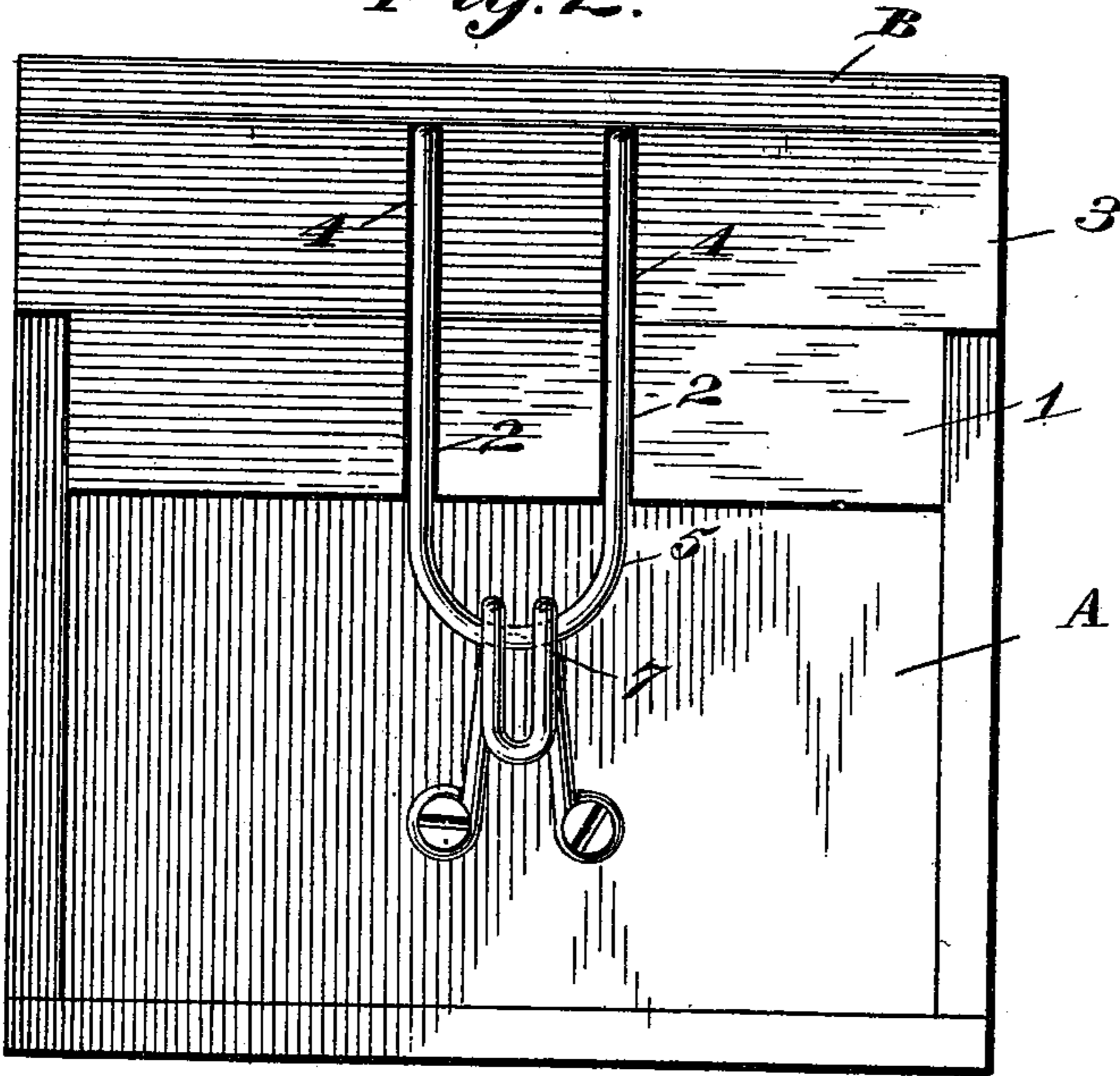
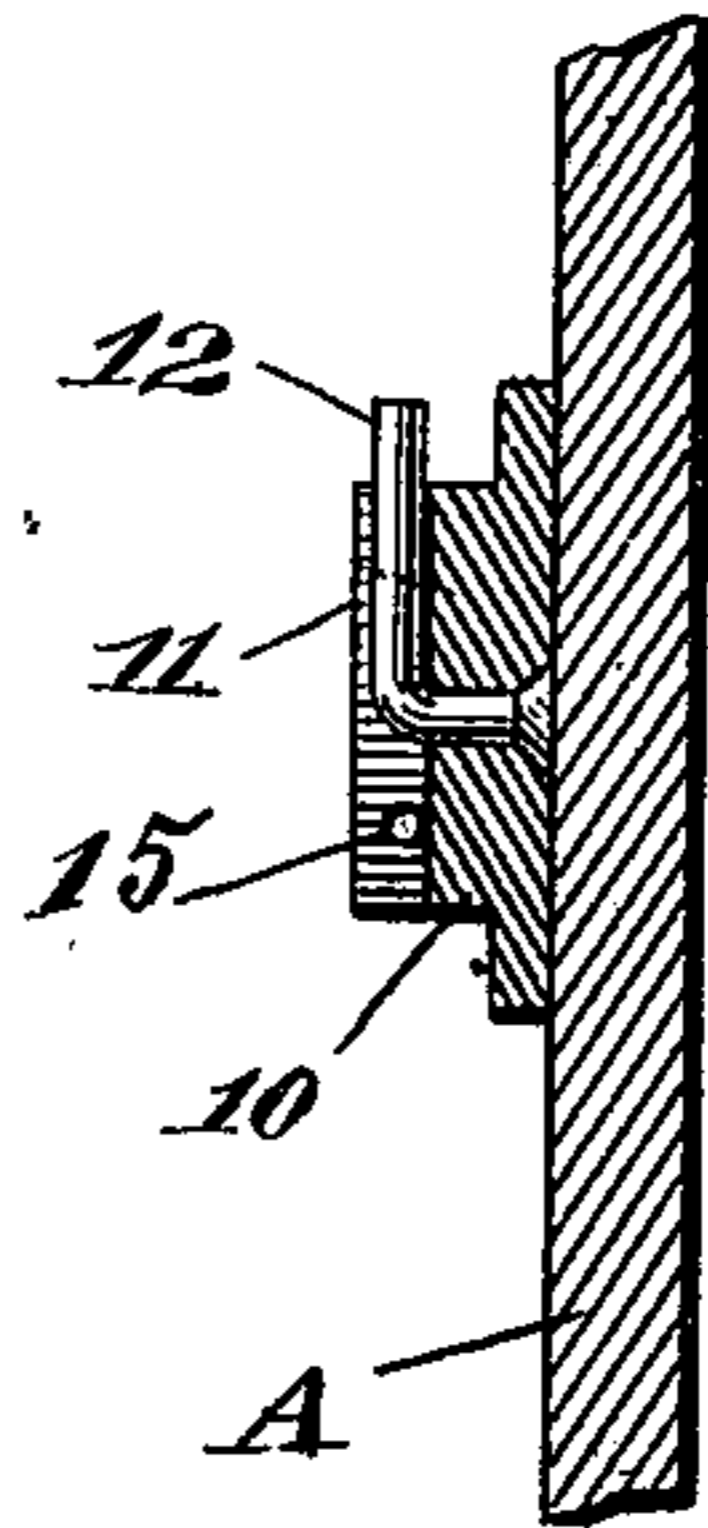


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

JAMES W. THOMAS AND CHARLES R. GALLION, OF HODGENSVILLE,
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FASTENING FOR CRATES, &c.

SPECIFICATION forming part of Letters Patent No. 671,901, dated April 9, 1901.

Application filed March 13, 1900. Renewed December 3, 1900. Serial No. 38,562. (No model.)

To all whom it may concern:

Be it known that we, JAMES W. THOMAS and CHARLES R. GALLION, citizens of the United States of America, residing at Hodg-
5 ensville, in the county of Larue and State of Kentucky, have invented certain new and useful Improvements in Fastenings for Crates or other Receptacles, of which the following is a specification.

10 Our invention relates to an improvement in fastenings for crates or other receptacles; and it consists in certain novel features of construction and combination of parts, which will be hereinafter described, and pointed out
15 in the claims.

In the accompanying drawings, Figures 1 and 2 are opposite end views, and Figs. 3 and 4 are details.

A represents a crate, box, or other recepta-
20 cle of any approved construction. Across each end a cleat 1 is fastened, and these cleats are provided with vertical recesses 2 2. B indicates the lid or cover, which also has a pair of cleats 3 3 secured to the lower side
25 thereof at the ends, and these in like manner are provided with vertical recesses 4 4, these recesses not being quite so deep as those in the cleats on the crate. Hinged to the cover at the opposite ends thereof are two loops 5 and 6,
30 respectively, they being held in sockets formed between the lid or cover and the cleats 3 3. Loop 5 extends through the vertical recesses in cleats 1 and 3 at the end where it is located and is adapted to receive the hook 7
35 on the crate. Loop 6 at the other end is bent slightly out of a straight line and is provided with a rounded offset portion 8, which forms shoulders 9 9 between it and the sides of the loop. On the corresponding end of the crate
40 or box a rounded projection 10 is formed, it being preferably in the form of a casting, the base-plate of which is held in place by screws, nails, or rivets, and the rounded offset por-
45 tion of the loop is adapted to embrace this rounded projection. A central stop 11 is formed vertically on this projection, and catches 12 12 are pivoted thereon, they being adapted to swing upwardly to receive the loop
50 upon the projection and then downwardly across the shoulders upon the offset portion to retain the loop in position, the shoulders

serving to prevent accidental displacement of these catches.

To guard against unauthorized tampering with the lock, we propose to attach a seal, 55 and this may be done, as shown, by forming a hole 15 through stop 11 and running the wire of the seal through it, after which it is bent together and secured by twisting the ends together or in other convenient way. 60

From the foregoing the operation will be readily understood. The loops by entering the vertical recesses in the cleats prevent lat-
65 eral vibrations or movement of the lid or cover with respect to the crate or box. The fact that these loops are pivoted affords variety in attaching the lid or cover or in detaching it, and the shoulders on loop 6 prevent acci-
70 dental unfastening, and by the provision of two catches the danger of accidental unfas- 70 tening is greatly lessened, as the displacement of one catch would not likely be followed by the displacement of the other. To fasten the lid or cover upon the box or crate, the catches are turned upward against the cen-
75 tral stop, loop 5 is caught under the hook at the corresponding end of the crate or box, and loop 6 is slipped on the rounded projection on the other end, after which the catches are swung around from the shoulders across the
80 offset portion, from which they are prevented from displacement, owing to the tendency of the loop to spring upwardly when unhin-
85 dered, causing the shoulders to assume a path which the catches would naturally take. To unfasten, the reverse of this operation is fol-
lowed.

This crate or box can be used for packing eggs or any other commodity, and the fasten-
90 ing device could be applied to any kind of re- ceptacle having a removable or hinged lid or cover.

It is evident that slight changes might be resorted to in the form and arrangement of the several parts described without departing
95 from the spirit and scope of our invention, and hence we do not wish to limit ourselves to the exact construction herein set forth; but,

Having fully described our invention, what we claim as new, and desire to secure by Let- 100 ters Patent, is—

1. The combination with a receptacle and

a lid or cover, of a loop having an offset portion and shoulders adjacent thereon and catches adapted to swing across the offset portion and be prevented from accidental displacement by said shoulders.

2. The combination with a box having a hook on one end and a rounded projection on the other, said projection provided with a central stop and a pair of pivoted catches on either side of the stop, of a lid or cover having loops at each end, one adapted to fasten beneath the hook on the corresponding end of the receptacle and the other loop having shoulders formed thereon which constitute stops for the catches on the receptacle.

3. The combination with a receptacle having transverse recessed cleats on opposite surfaces thereof and a hook and mounted pro-

jection screwed on opposite surfaces, the rounded projection having swinging catches, of a lid or cover having transverse recessed cleats and loops hinged in sockets between the cleats and the lid or cover proper and adapted to swing into the transverse recesses of the cleats, one of said loops having an offset portion and shoulders adjacent thereto which form stops for the catches on the receptacle.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

J. W. THOMAS.

CHARLES R. GALLION.

Witnesses:

L. B. HANDLEY,

CHARLES WILLIAMS.