

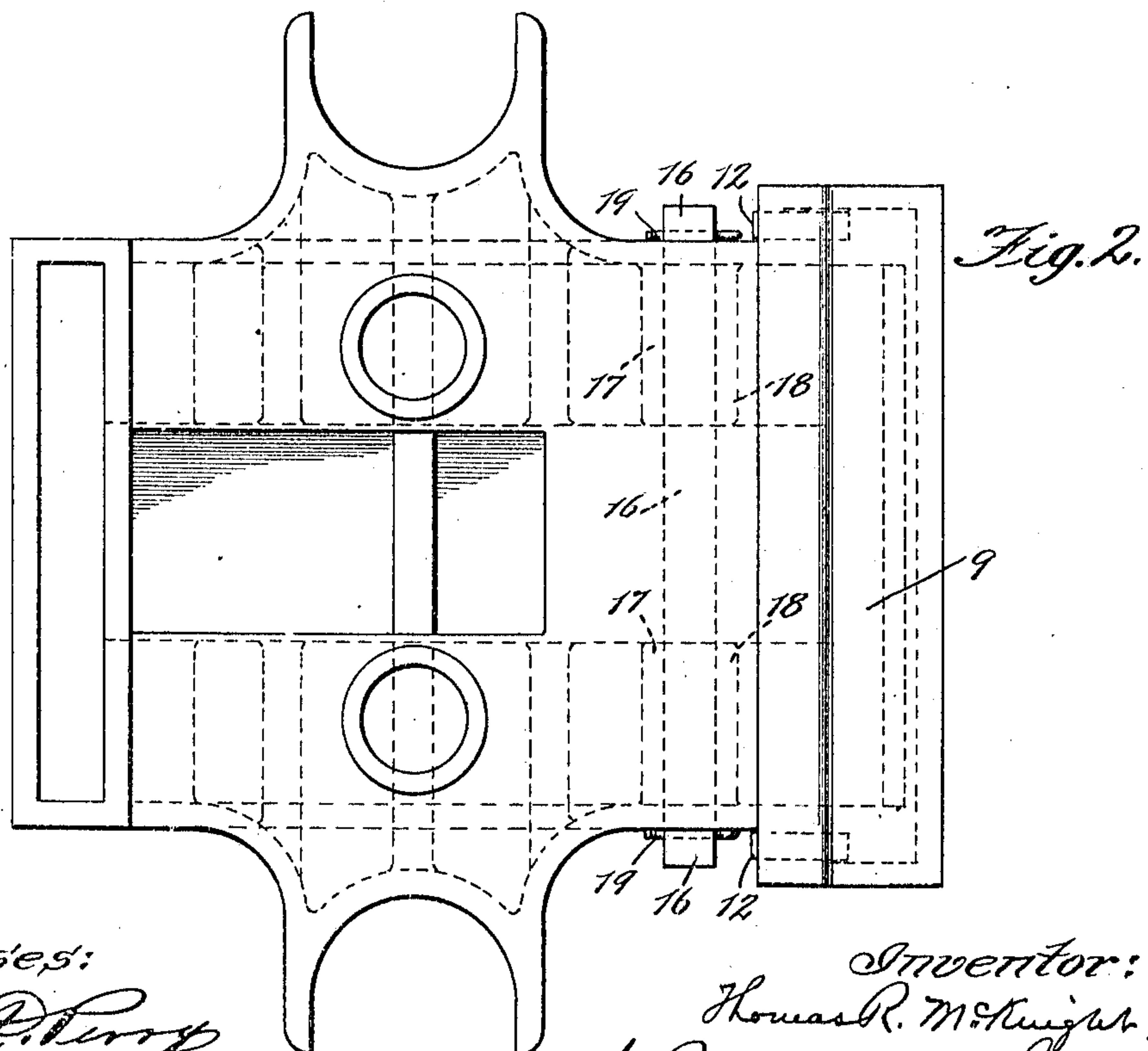
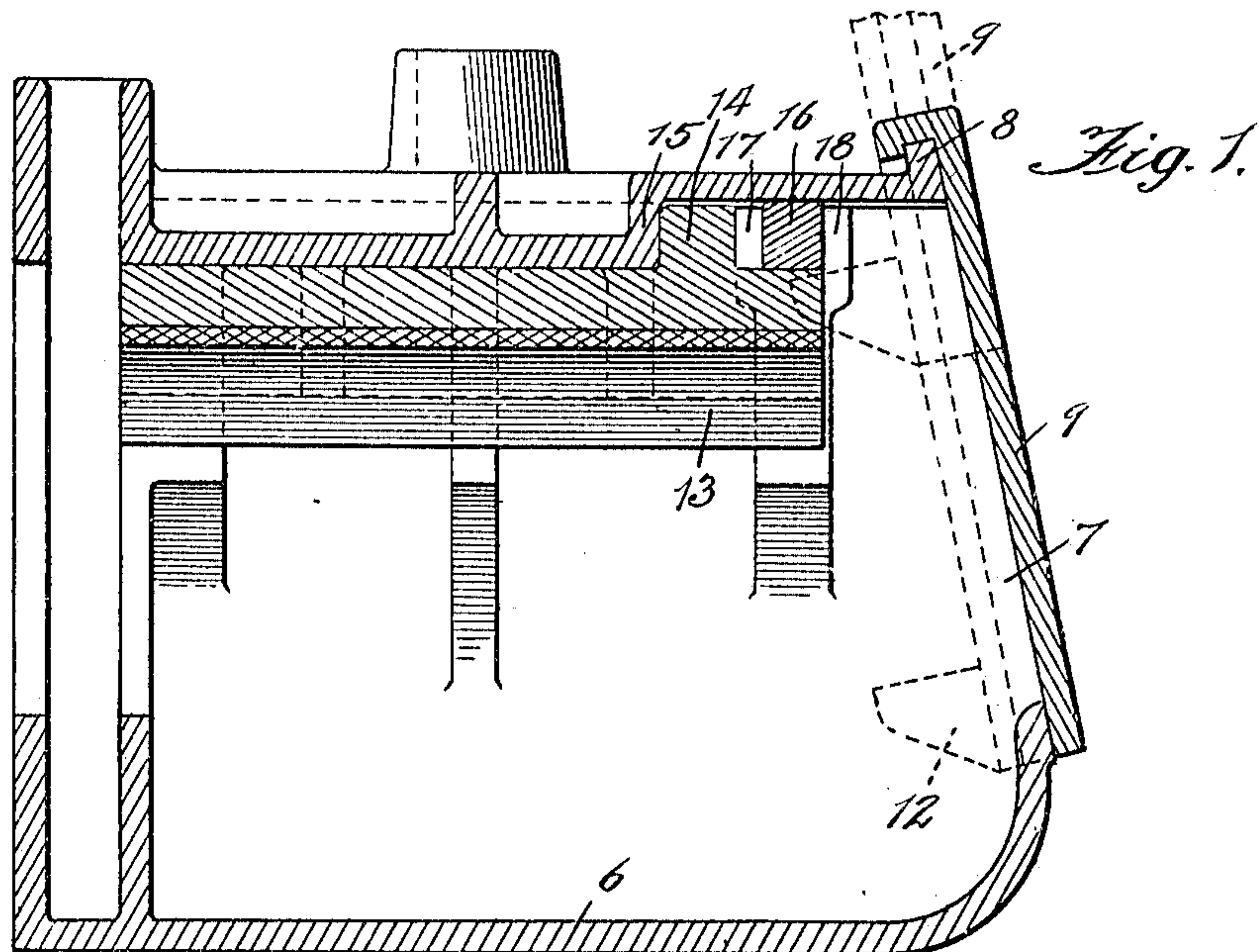
T. R. McKNIGHT.
JOURNAL BOX.

APPLICATION FILED MAY 7, 1909.

950,554.

Patented Mar. 1, 1910.

2 SHEETS—SHEET 1.



Witnesses:

W. H. Perry
Alfred J. Samsel

Inventor:

Thomas R. McKnight
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T. R. McKNIGHT.

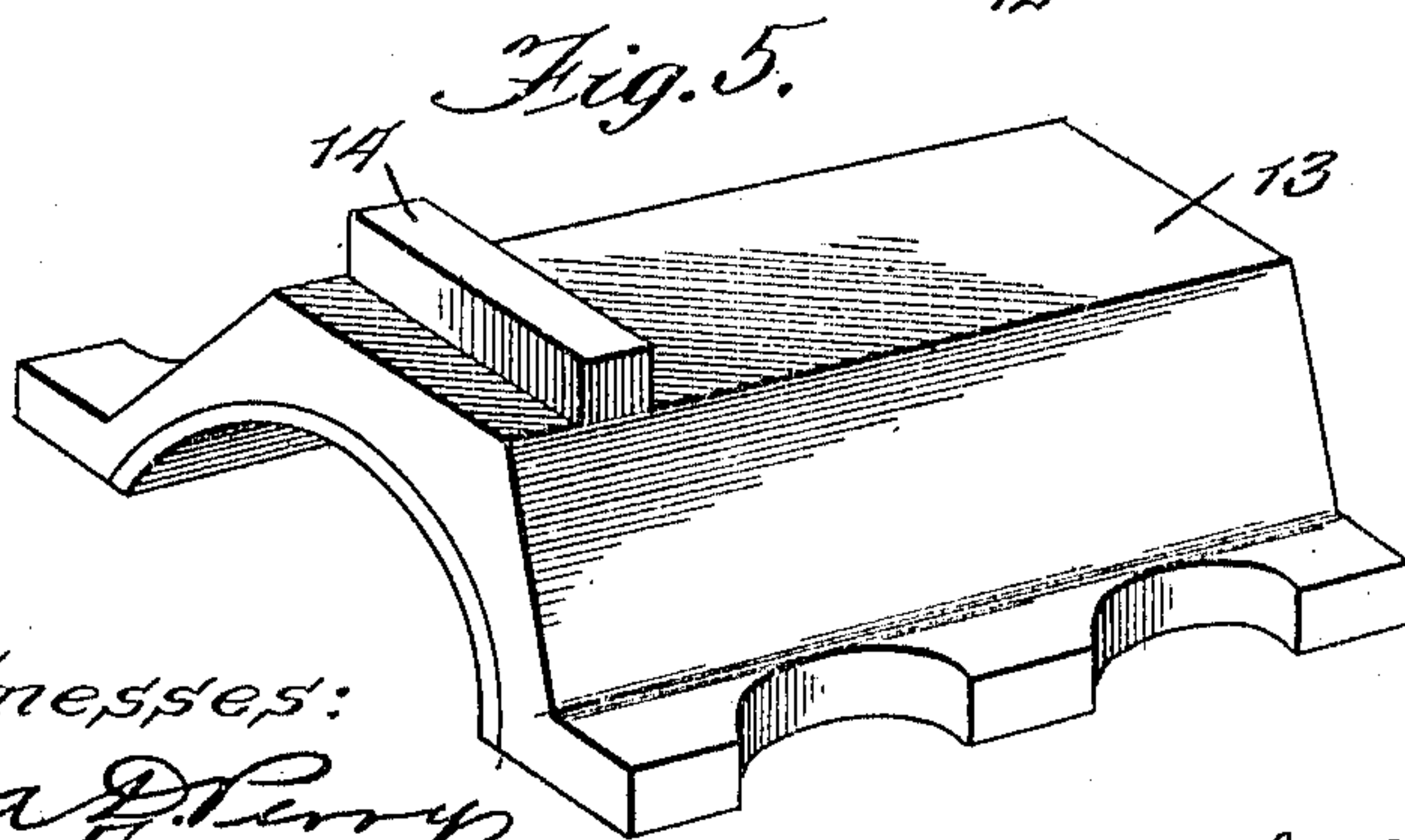
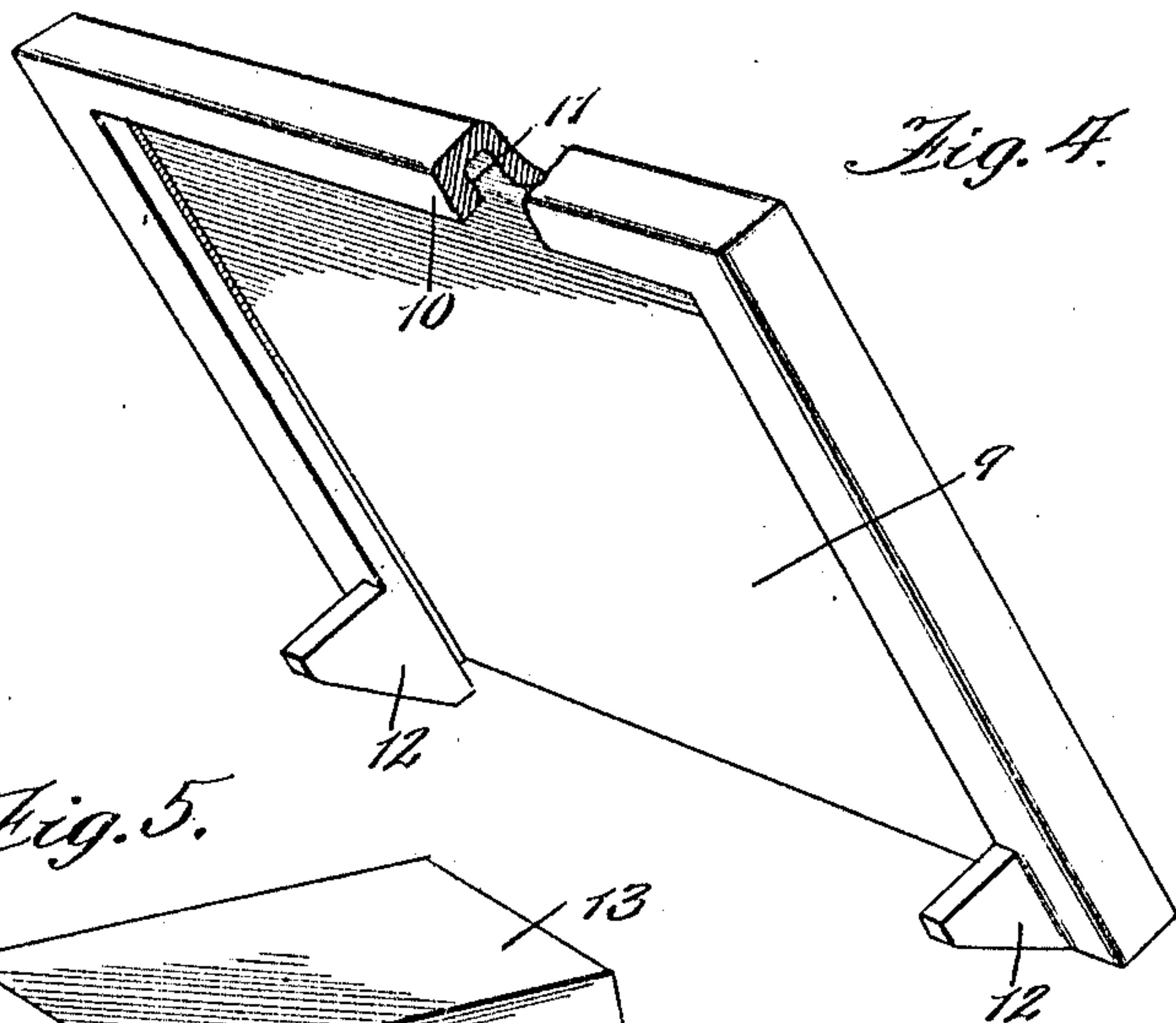
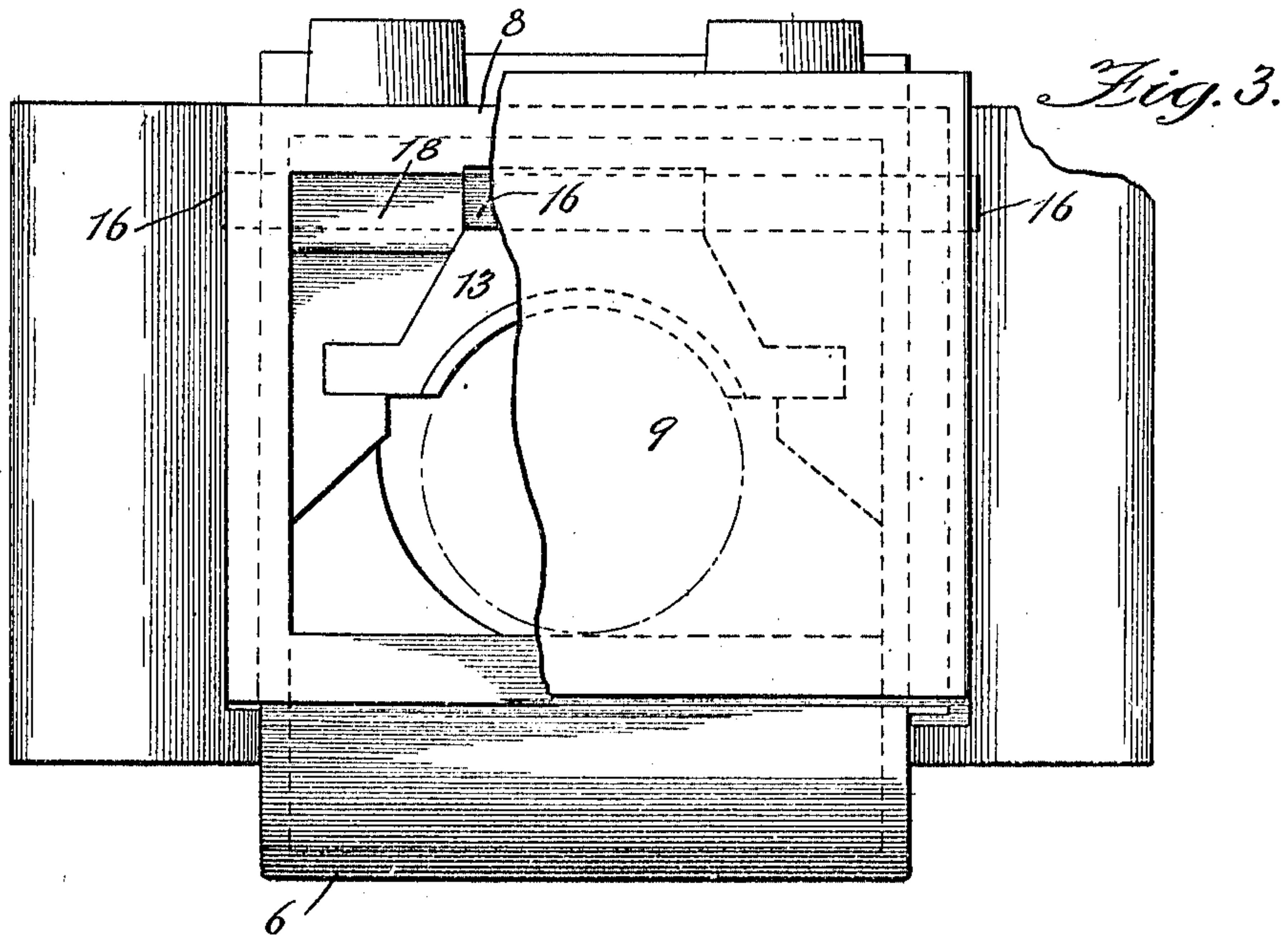
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2 SHEETS—SHEET 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

THOMAS R. McKNIGHT, OF AURORA, ILLINOIS, ASSIGNOR TO WESTERN WHEELED
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JOURNAL-BOX.

950,554.

Specification of Letters Patent.

Patented Mar. 1, 1910.

Application filed May 7, 1909. Serial No. 494,547.

To all whom it may concern:

Be it known that I, THOMAS R. McKNIGHT, a citizen of the United States, residing at Aurora, in the county of Kane and State of Illinois, have invented certain new and useful Improvements in Journal-Boxes, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to journal boxes, and has for its object to provide certain improvements in the construction of the box and the cover therefor which will be hereinafter pointed out. I accomplish this object as illustrated in the drawings and as hereinafter described.

What I regard as new is set forth in the claims.

In the drawings,—Figure 1 is a longitudinal vertical section; Fig. 2 is a plan view; Fig. 3 is an end view, part of the cover being broken away; Fig. 4 is a perspective view of the cover partly in section; and Fig. 5 is a perspective view of the brass.

Referring to the drawings,—6 indicates the shell of the journal-box which is, generally speaking, of the usual shape and is provided with the usual opening 7 at its outer end through which access is had to the interior of the shell for the purpose of packing the journal. At the sides and top of the opening 7 there is an external marginal flange 8 on which the cover fits and slides.

9 indicates the cover, which is in the form of a plate having a U-shaped marginal flange 10 at its sides and top forming a groove 11 which receives the flange 8. Thus the cover may slide edgewise on the flange 8 into or out of operative position. When the cover is in operative position, as shown in Fig. 1, it is securely held at three of its edges by the flange 8.

12 indicates projecting lugs carried at the sides of the cover near its lower edge, as shown in Fig. 4. Said lugs are spaced apart a distance equal to the external width of the outer end of the shell so that they fit closely against the outer sides of the shell, as shown in Fig. 2.

13 indicates the journal brass, which is of the usual shape, except that it is provided at its upper side near its front end with a

transverse rib 14, best shown in Fig. 5. Said rib is adapted to bear against a shoulder 15 formed in the upper portion of the shell, as shown in Fig. 1, to limit the inward movement of the brass. Outward movement of the brass is limited by a removable key or bar 16, which is fitted between lugs 17—18 provided at the opposite sides of the shell near the outer end thereof, as shown in Figs. 1 and 2. Said key is passed through suitable holes in the shell between said lugs, its ends projecting beyond the sides of the shell, as shown in Fig. 2, and being secured by cotter-pins 19, or other retaining devices, as shown. Thus when the journal is in position, the brass is held against inward movement by the shoulder 15 and against excessive outward movement by the key 16. The key 16 also serves to prevent accidental displacement of the cover 9 by reason of the fact that the lugs 12 project inward far enough so that when the cover is moved up far enough said lugs engage the key 16 and are stopped by it before the cover leaves the flange 8, as shown in dotted lines in Fig. 1. The key 16, therefore, performs the double function of locking both the brass and the cover in position. By withdrawing the key, however, the cover may be detached and the journal brass removed.

What I claim as my invention, and desire to secure by Letters Patent, is,—

1. A journal-box, comprising a shell having an opening at its outer end, a flange around said opening, a sliding cover-plate fitted upon said flange and having one or more inwardly-projecting lugs, a key carried by the shell in position to be engaged by said lugs when the cover is moved to a certain position, and a brass held in position by said key.

2. A journal-box, comprising a shell having an opening in its outer end, a flange around said opening, a sliding cover-plate fitted upon said flange and having one or more inwardly-projecting lugs overlying the outer surface of the sides of the shell, a removable key fitted transversely in the shell and having its ends projecting beyond the sides thereof in the path of said lugs, and a brass having an upwardly-projecting lug, said key lying between said lug and said

opening when the parts are in operative position.

3. A journal-box, comprising a shell, a
brass fitted therein and having an upwardly-
5 projecting lug, a transversely-extending key
carried by the box in the path of said lug
for holding the brass in position, a sliding

cover, and a lug carried by the cover and
adapted to engage the key when the cover is
raised to a certain extent.

THOMAS R. McKNIGHT.

Witnesses:

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M. S. SPERRY.