

J. R. CALDWELL.
SASH CORD GUIDE.
APPLICATION FILED SEPT. 2, 1910.

988,972.

Patented Apr. 11, 1911.

Fig. 3.

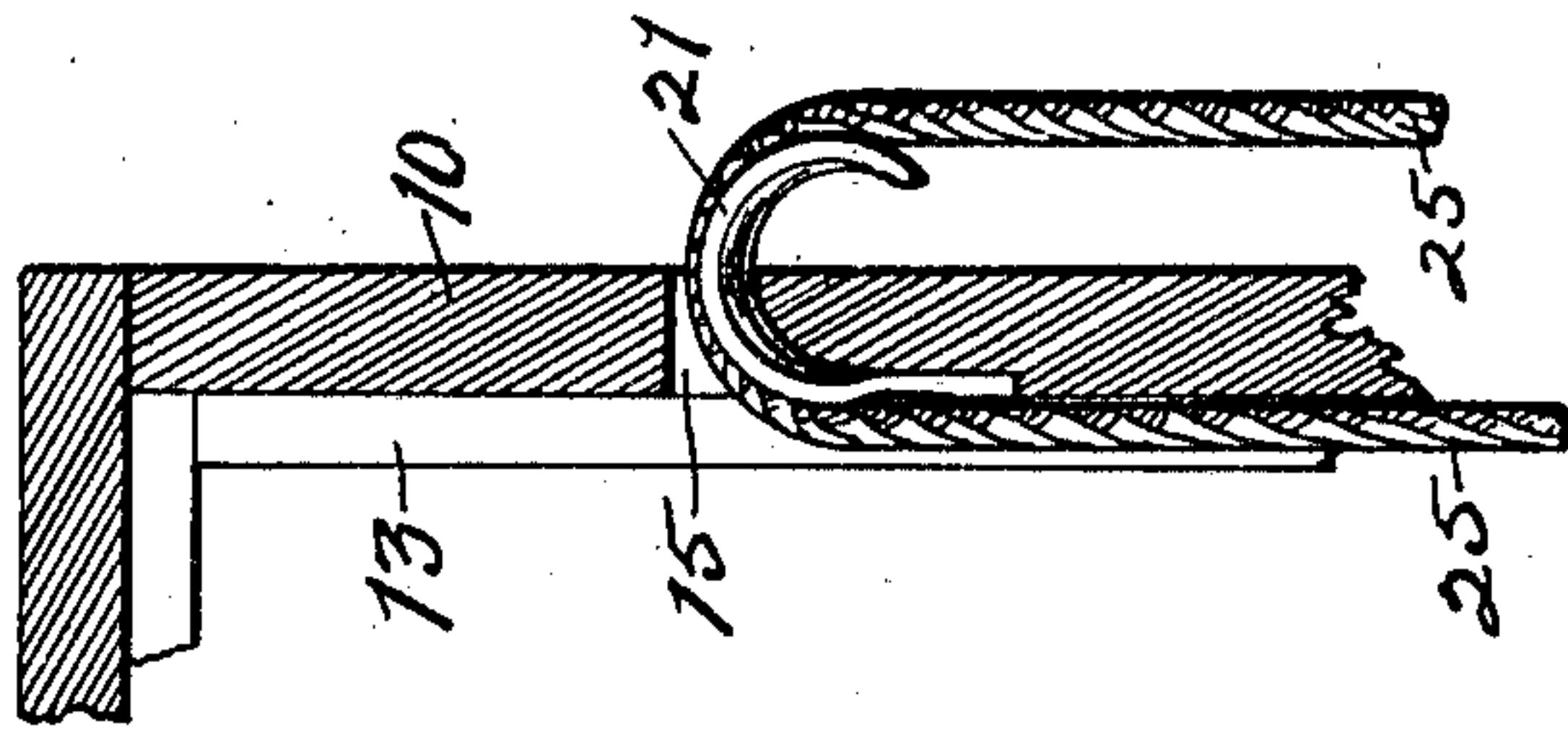


Fig. 2.

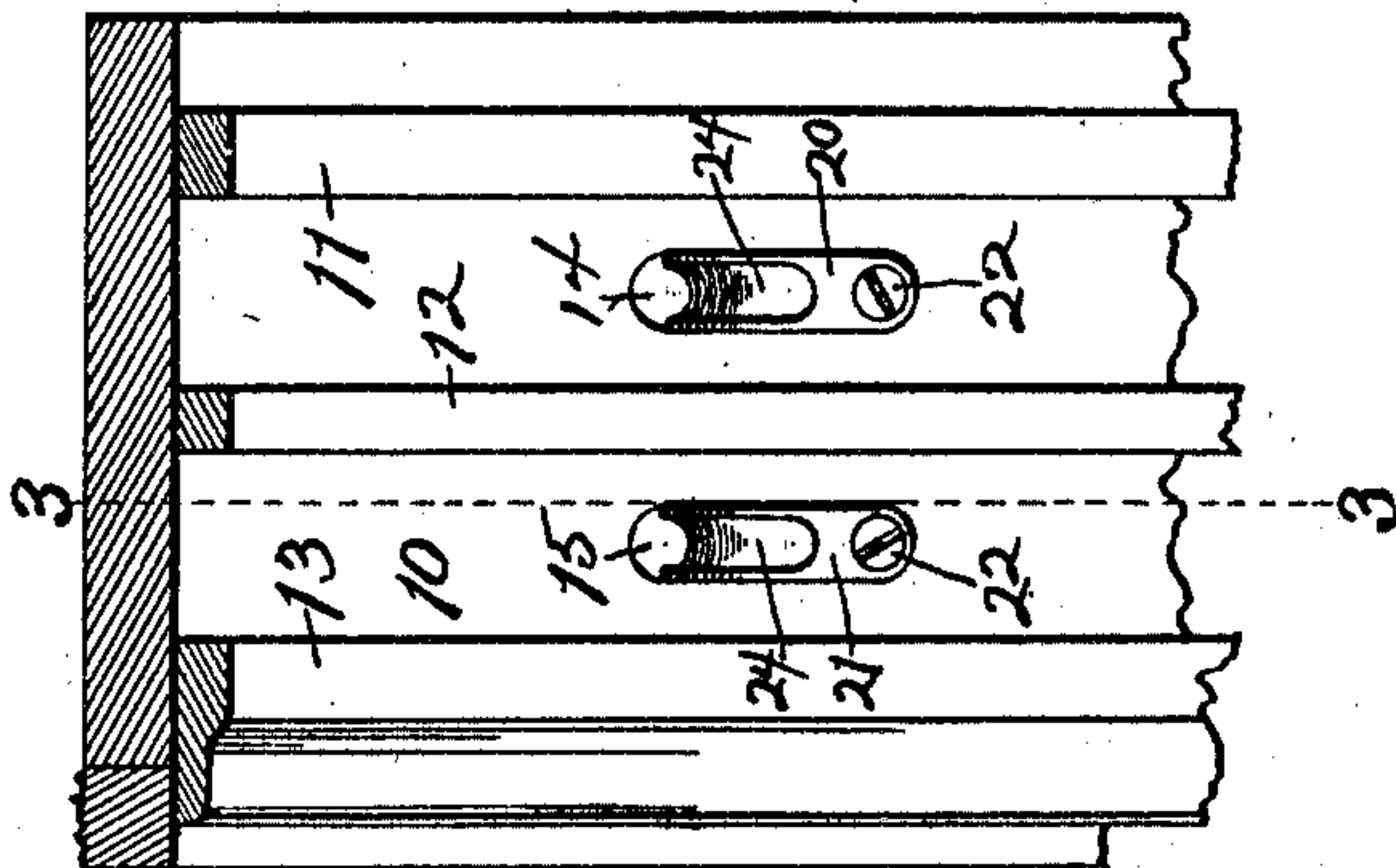
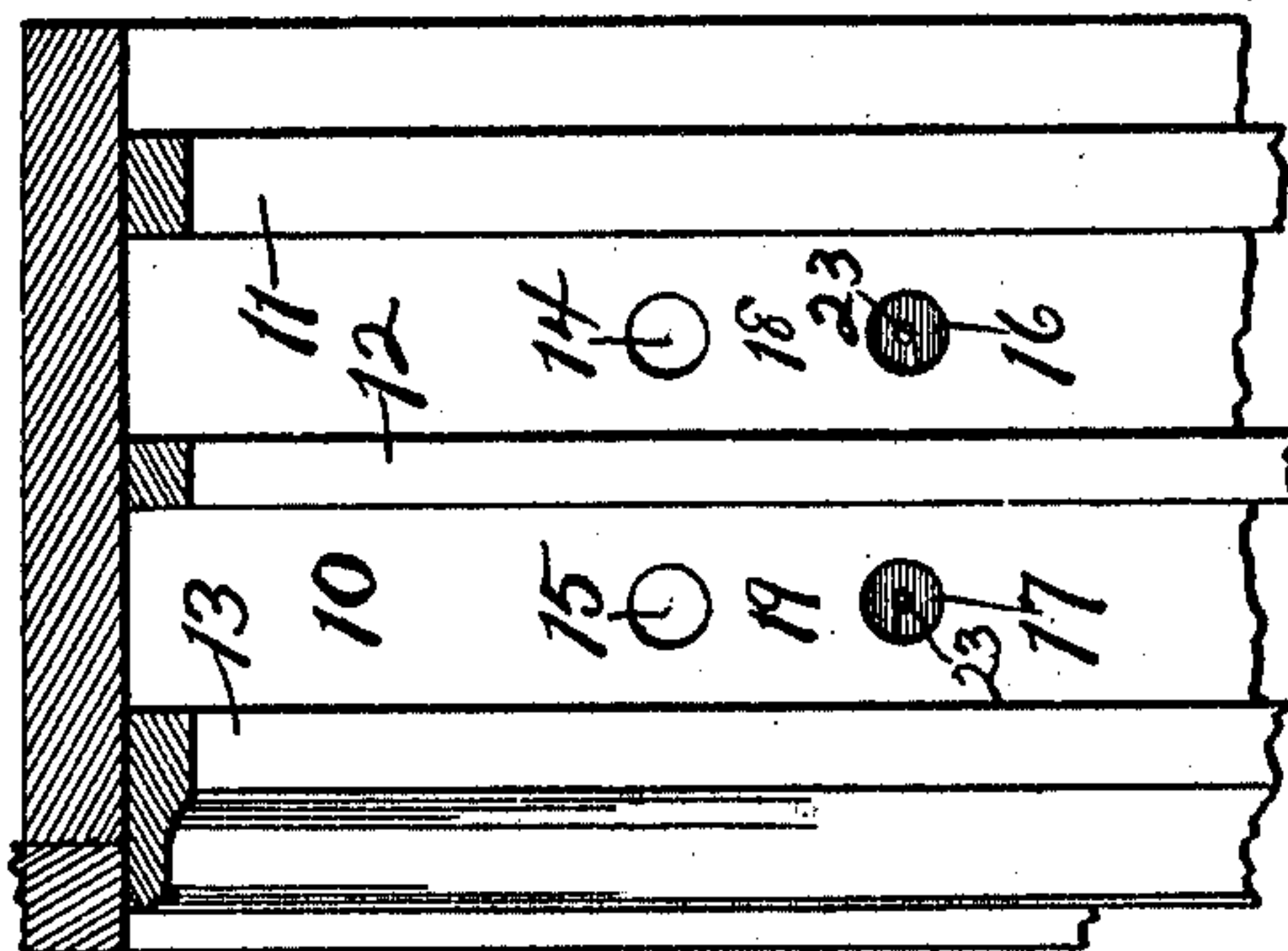


Fig. 1.



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UNITED STATES PATENT OFFICE.

JOSEPH R. CALDWELL, OF STUART, IOWA.

SASH-CORD GUIDE.

988,972.

Specification of Letters Patent.

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Application filed September 2, 1910. Serial No. 580,775.

To all whom it may concern:

Be it known that I, JOSEPH R. CALDWELL, a citizen of the United States of America, and resident of Stuart, Guthrie county, Iowa, have invented a new and useful Sash-Cord Guide, of which the following is a specification.

The object of this invention is to provide an improved construction for sash cord guides adapted to take the place of sash pulleys.

My invention consists in the construction, arrangement and combination of elements hereinafter set forth, pointed out in my claims and illustrated by the accompanying drawing, in which—

Figure 1 is an elevation, partly in section, illustrating a portion of a window frame preparatory to applying my improved guide thereto. Fig. 2 is a view similar to Fig. 1 showing two of my improved guides applied to the frame. Fig. 3 is a vertical section on the indicated line 3—3 of Fig. 2.

In the construction of the device as shown the numeral 10 designates a window jamb provided with the usual blind stop 11, parting bead 12 and stop 13. In the use of sash pulleys it is customary to bore a series of holes in parallel rows in the upper portion of the jamb 10 to form slots to receive and support sash pulleys in parallel relations and on opposite sides of the parting bead 12. Instead of the series of holes in parallel rows adapted to form slots as above described I provide single holes 14, 15 on opposite sides of the parting bead and extending through the jamb and recesses or depressions 16, 17 in the jamb immediately below said holes 14, 15. The recesses or depressions 16, 17 may be made by boring. Then I rout out portions of the face of the jamb 10 at points 18, 19 between the holes 14, 15 and recesses 16, 17 respectively. Then I mount guides 20, 21 through the holes 14, 15 and the stems of said guides lie within the recesses or depressions 16, 17 and the routed out spaces in the face of the jamb. Each guide 20, 21 is formed with a flat stem portion having a round end and formed with a countersunk screw seat adapted to receive a screw 22 for fastening the guide to

the jamb. The screw 22 is started into the wood in the central bore or seat 23 formed by the screw point of the auger or bit employed to bore the recesses or depression 16, 17. Each guide 20, 21 compasses slightly more than one half a circle, having its extremity turned inward slightly toward the stem and is concavo-convex in cross-section, thus forming a trough or groove 24 adapted to receive a sash cord 25. The face of the trough or groove 24 preferably is polished in order that the sash cord 25 may slide thereon with a minimum of friction. Each guide 20, 21 projects through the hole 14 or 15 and from the rear face of the jamb 10 a distance sufficient to hold a sash weight, not shown, out of contact with the adjacent face of the jamb. The sash cord 25 may be applied to a sash and weight (neither of which is shown) in a common manner. The guides 20, 21 may vary in length and curvature as desired and in the event said guides are constructed with relatively short stems the depressions or recesses 16, 17 would be located in close proximity to the holes 14, 15.

I claim as my invention—

1. A sash cord guide comprising a curved portion provided with a groove and a straight shank portion provided with a screw hole.

2. A sash cord guide comprising a curved portion compassing more than a half circle and provided with a circumferential groove and a straight shank portion provided with a screw hole.

3. The combination of a jamb formed with a hole and a sash cord guide comprising a curved portion extending through said hole and provided with a groove and a straight shank portion provided with a screw hole, said straight shank portion countersunk in said jamb and the extremity of the curved portion spaced from the opposite face of said jamb.

Signed by me at Stuart, Iowa, this 13th day of April, 1910.

JOSEPH R. CALDWELL.

Witnesses:

C. LOVELL,
WM. MILES.