

No. 797,011.

PATENTED AUG. 15, 1905.

F. C. MOSIER.
BRACE OR BRACKET FOR BED SLATS.
APPLICATION FILED JAN. 14, 1905.

Fig. 1.

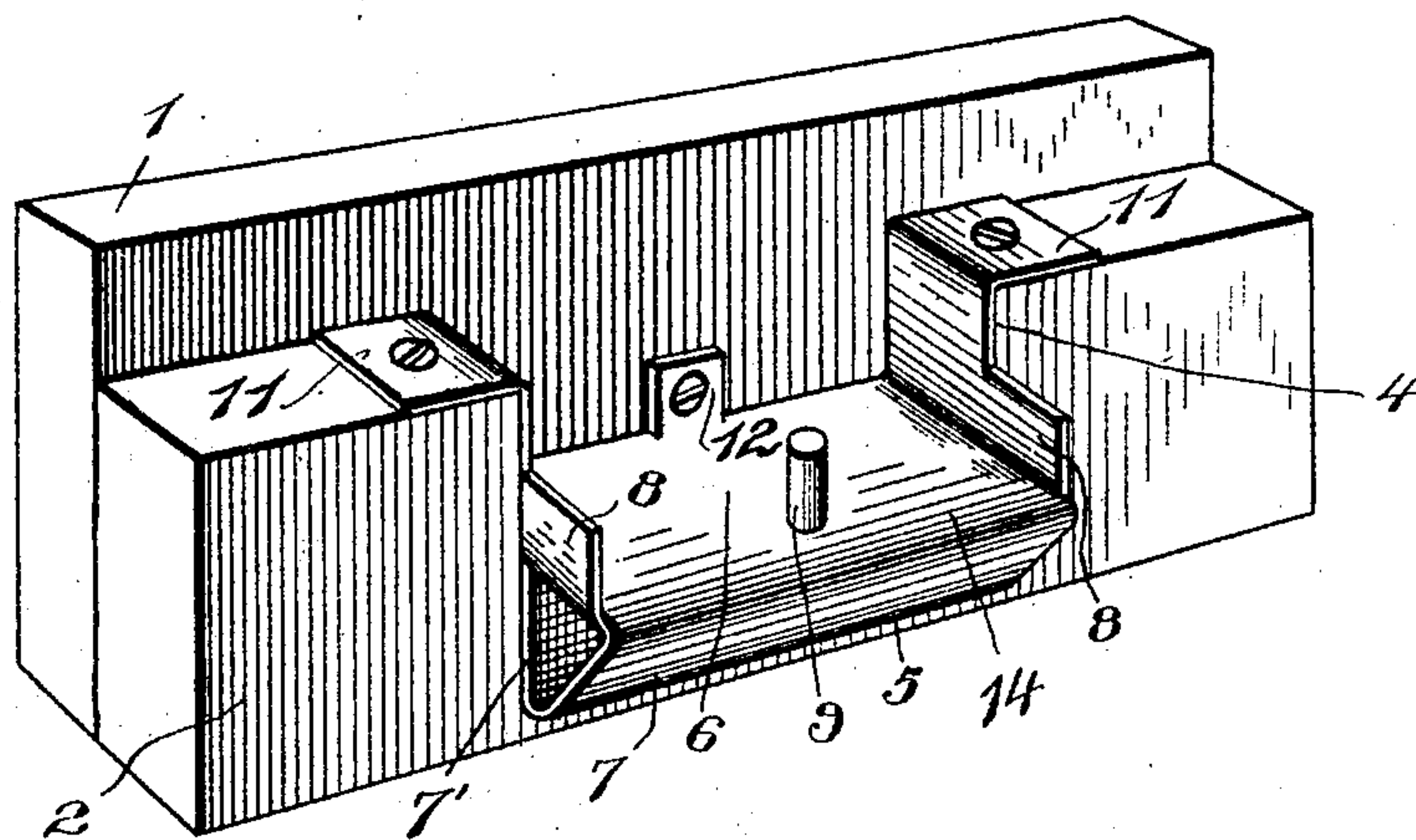


Fig. 2.

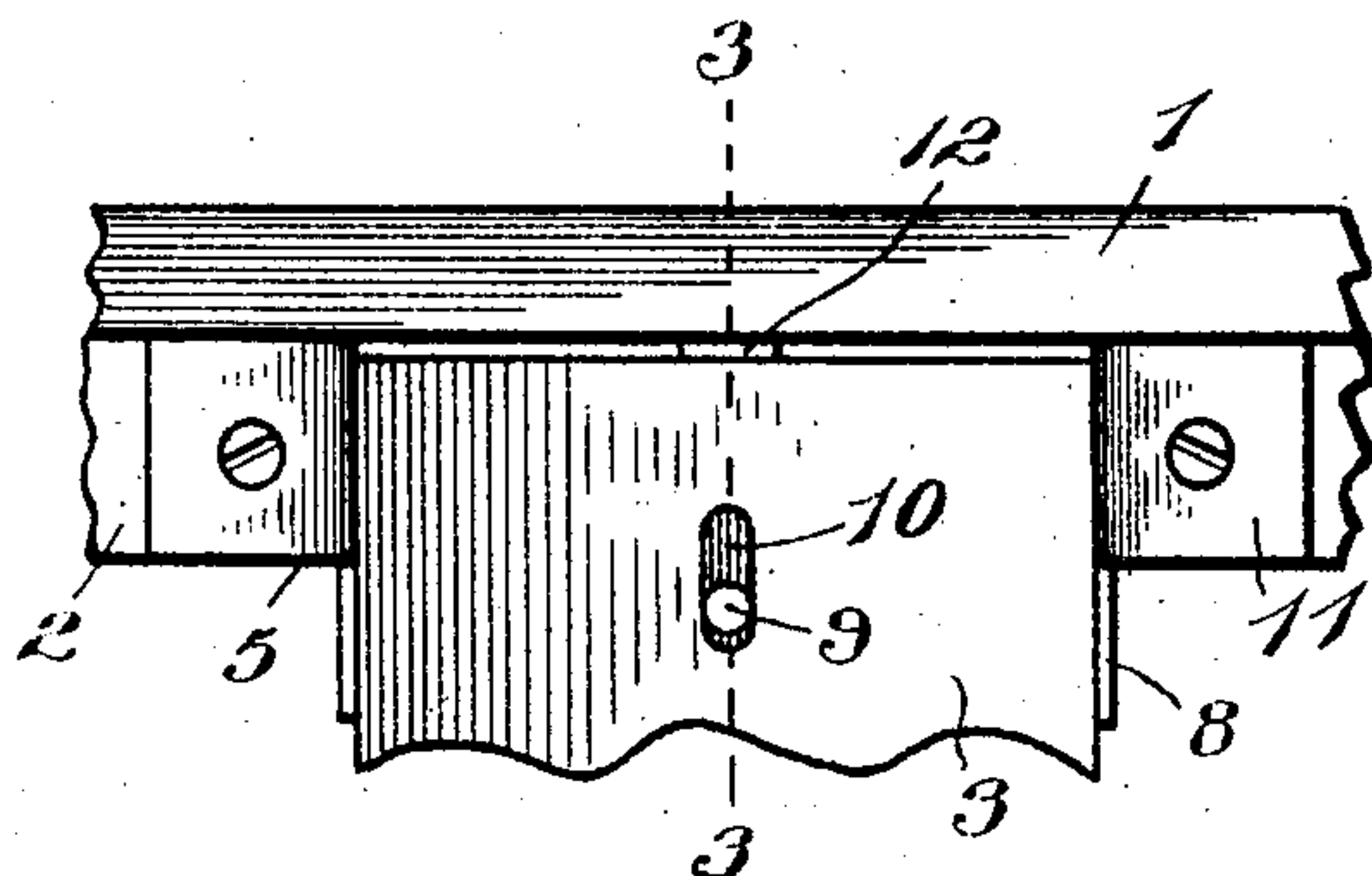


Fig. 3.

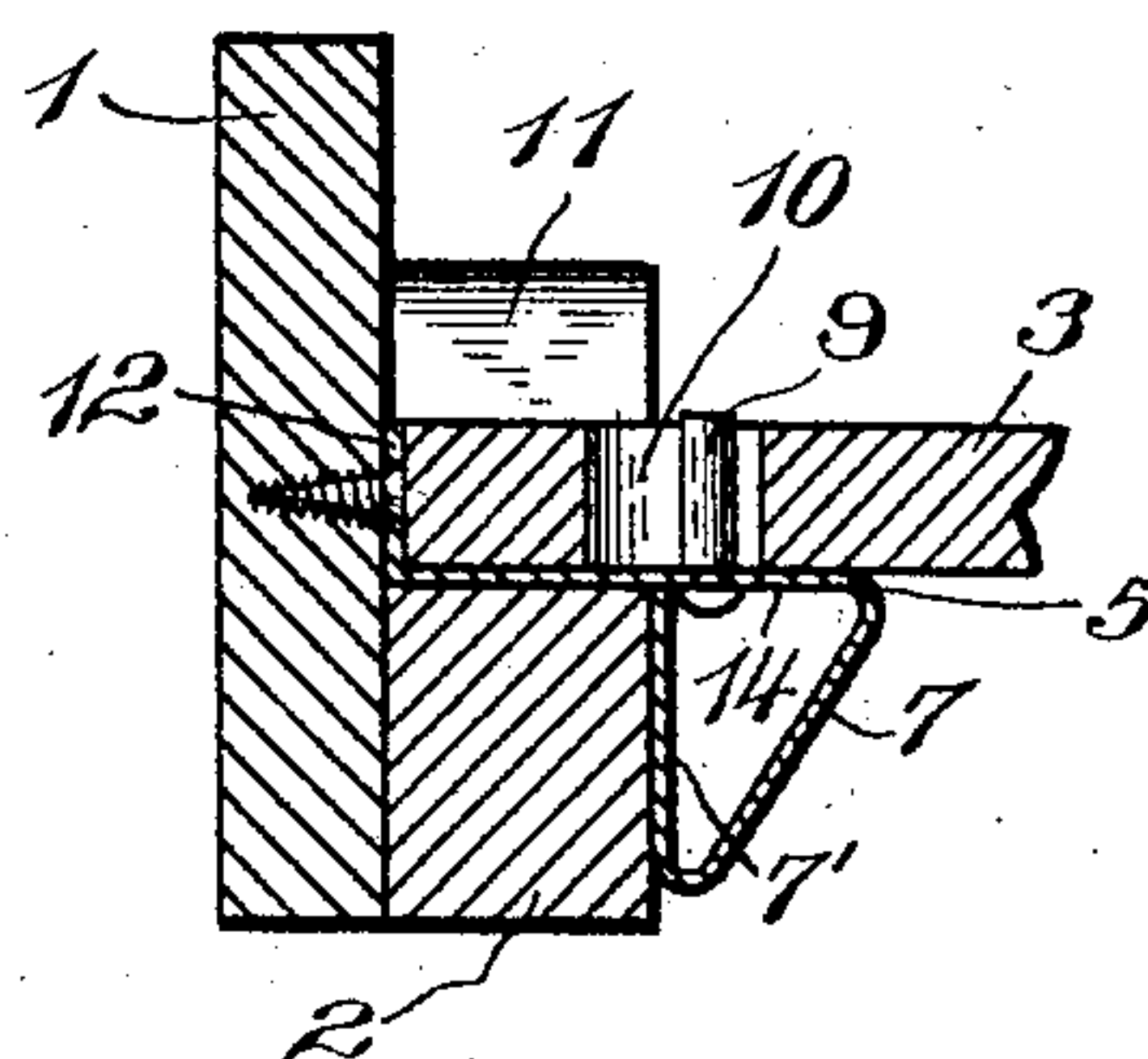
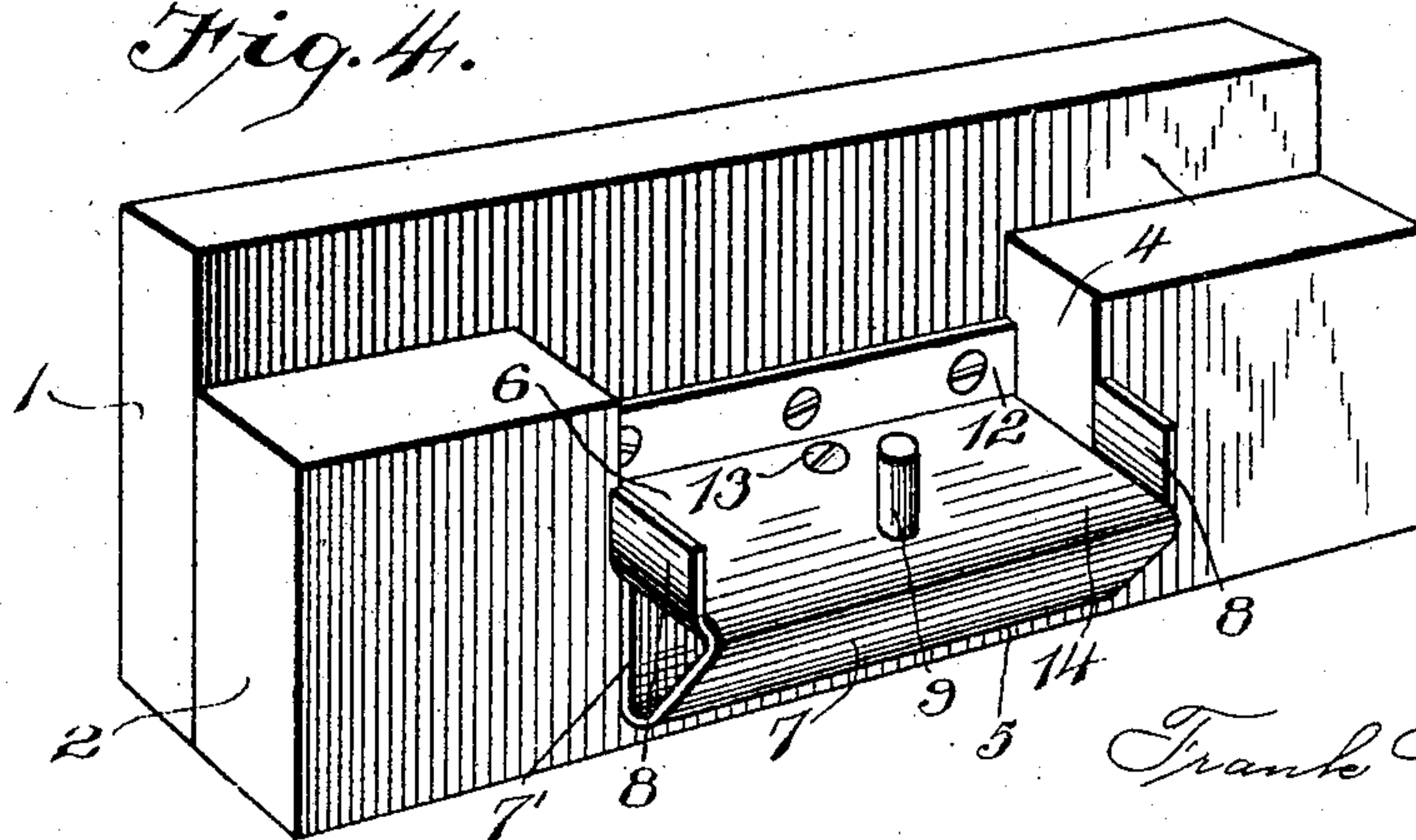


Fig. 4.



Witnesses

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BRACE OR BRACKET FOR BED-SLATS.

No. 797,011.

Specification of Letters Patent.

Patented Aug. 15, 1905.

Application filed January 14, 1905. Serial No. 241,212.

To all whom it may concern:

Be it known that I, FRANK C. MOSIER, a citizen of the United States, residing at Pittston, in the county of Luzerne and State of Pennsylvania, have invented certain new and useful Improvements in Braces or Brackets for Bed-Slats; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to bedsteads, but more particularly to the class of springs and slats, and has for its object to provide a metal brace or bracket for the slats to rest upon and to obviate the spreading of the sides of the bedstead and to strengthen the same so as to prevent the collapsing of the sides and the consequent precipitation of the slats, springs, and bed.

It is a matter of common knowledge that oftentimes the sides of a bedstead spread and precipitate the slats and bed, while frequently the slat-supporting strips on the side pieces of the bedstead collapse, with the same result. This is certainly most annoying, and it is for the purpose of obviating the precipitation of the slats and bed that I have made this invention.

With this object in view my invention consists in the construction of the brace or bracket.

Referring to the accompanying drawings, Figure 1 is a perspective view of a portion of a side piece of a bedstead and brace or bracket. Fig. 2 is a top plan view of the same, showing bed-slat in position. Fig. 3 is a vertical transverse section taken on line 3 3 of Fig. 2. Fig. 4 is a perspective view showing slight modification of brace or bracket.

Like numerals of reference indicate the same parts throughout the several figures, in which—

1 indicates the side piece of a bedstead, and 2 is the usual slat-supporting strip on the inside of the side piece 1, and 3 indicates a slat. The supporting-strip 2 is notched out at 4 in order to receive the slat.

It is a common occurrence for the strip 2 to pull away from the side piece 1 and precipitate the slats and bed, and it is also a common occurrence for the side pieces 1 to spread and

precipitate the slats and bed. In order to prevent such occurrences, I provide a brace or bracket 5, constructed to be placed in the notches 4 of the strip 2, said brace or bracket presenting a flat face 6 and extending some distance beyond the side of the strip 2. The brace or bracket is also provided with a depending portion 7 at its outer edge, said portion comprising a vertical wall 7', designed to lie flat against the side of the strip 2, as shown, while two vertical flanges or walls 8 are formed on the sides of the bracket for supporting the slat laterally. A pin 9, located in the bracket and extending upwardly therefrom, is for the purpose of engaging the slat, which slat is provided with a slot 10. This is the preferable construction, as it ties the two side pieces of the bedstead together and positively prevents their spreading. However, as is obvious, this precaution is not absolutely necessary, and the brace or bracket may be constructed without the pin 9, if desired. While the brace acts as a support for the slat by providing a longer supporting-base therefor and prevents lateral movement of the slat, it also ties the side pieces 1 and strip 2 securely together and by this means strengthens the same.

As shown in Fig. 1, a portion 11 of the vertical wall or flange 8 is carried up and over the top edge of the strip 2 and there screwed to the strip, while a small flange 12 is provided at the back of the brace or bracket and against the side piece 1 and screwed to the side piece, thus tying the strip 2 and the side piece 1 securely together.

Referring to Fig. 4, it will be seen that the portion 11 of the vertical flanges or walls is dispensed with and a longer flange 12 provided, the brace acting as a tie by reason of the screw 13 passing through the face of the brace and into the strip 2 and also by reason of the vertical wall 7' of the depending portion 7 of the bracket, said wall acting to hold the strip 2 firmly against the side piece 1 and at the same time acting as a support for the projecting portion 14 of the bracket.

Having thus fully described my invention, I do not wish to be understood as limiting myself to the exact construction as herein set forth, as various slight changes may be made therein which would fall within the limit and scope of my invention, and I consider myself clearly entitled to all such changes and modifications.

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

A brace or bracket for the purposes set forth, comprising a flat face, a depending portion at one end thereof, flanges at the sides thereof constructed so as to be fastened to the slat-supporting strip on the side piece of the bedstead, a flange at one end of the brace or bracket constructed to be fastened to the side

piece of the bedstead, and a pin on said brace to engage a bedstead-slat, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

FRANK C. MOSIER.

Witnesses:

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