

No. 754,145.

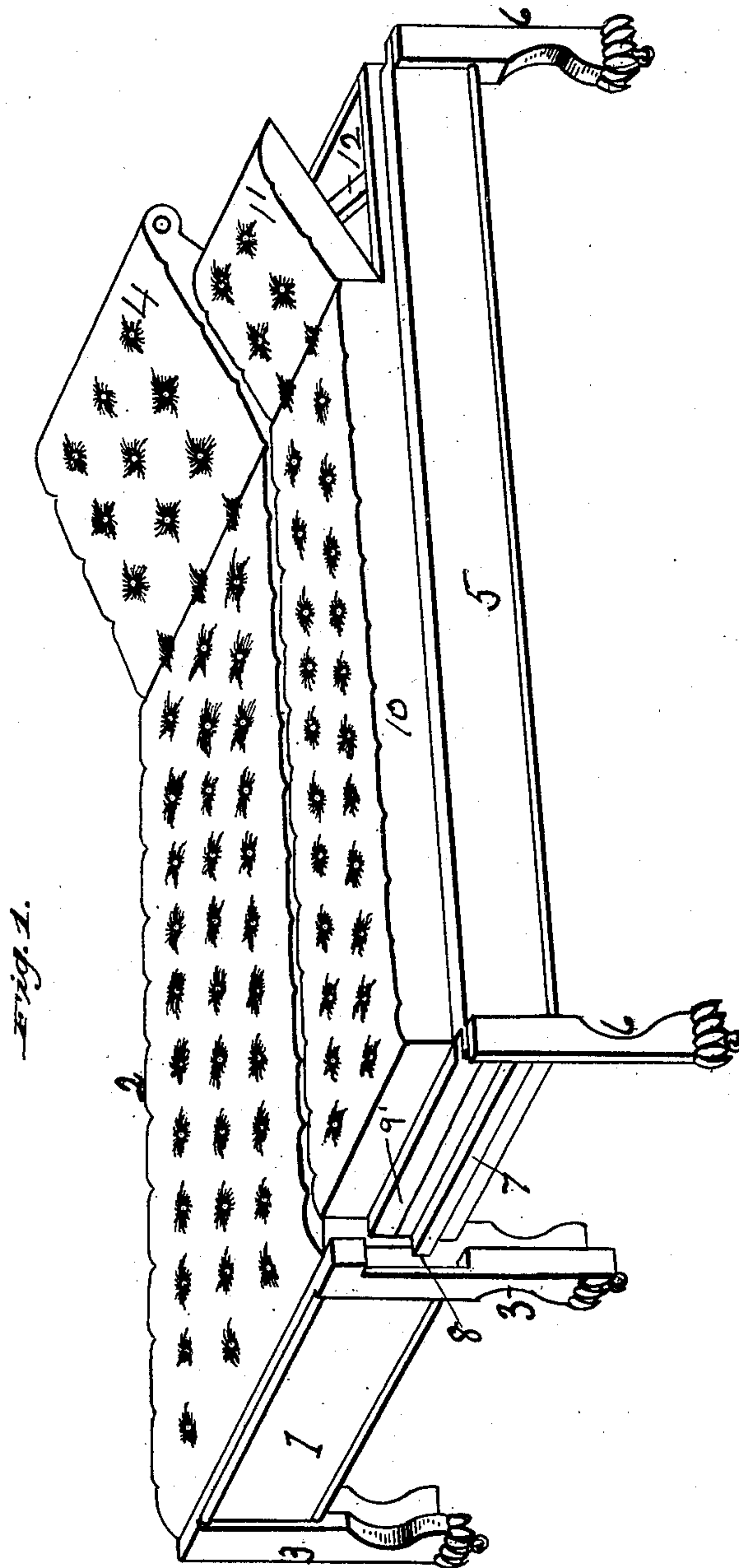
PATENTED MAR. 8, 1904.

G. M. KIM.
BED COUCH.

APPLICATION FILED JULY 11, 1903.

NO MODEL.

3 SHEETS—SHEET 1.



WITNESSES:

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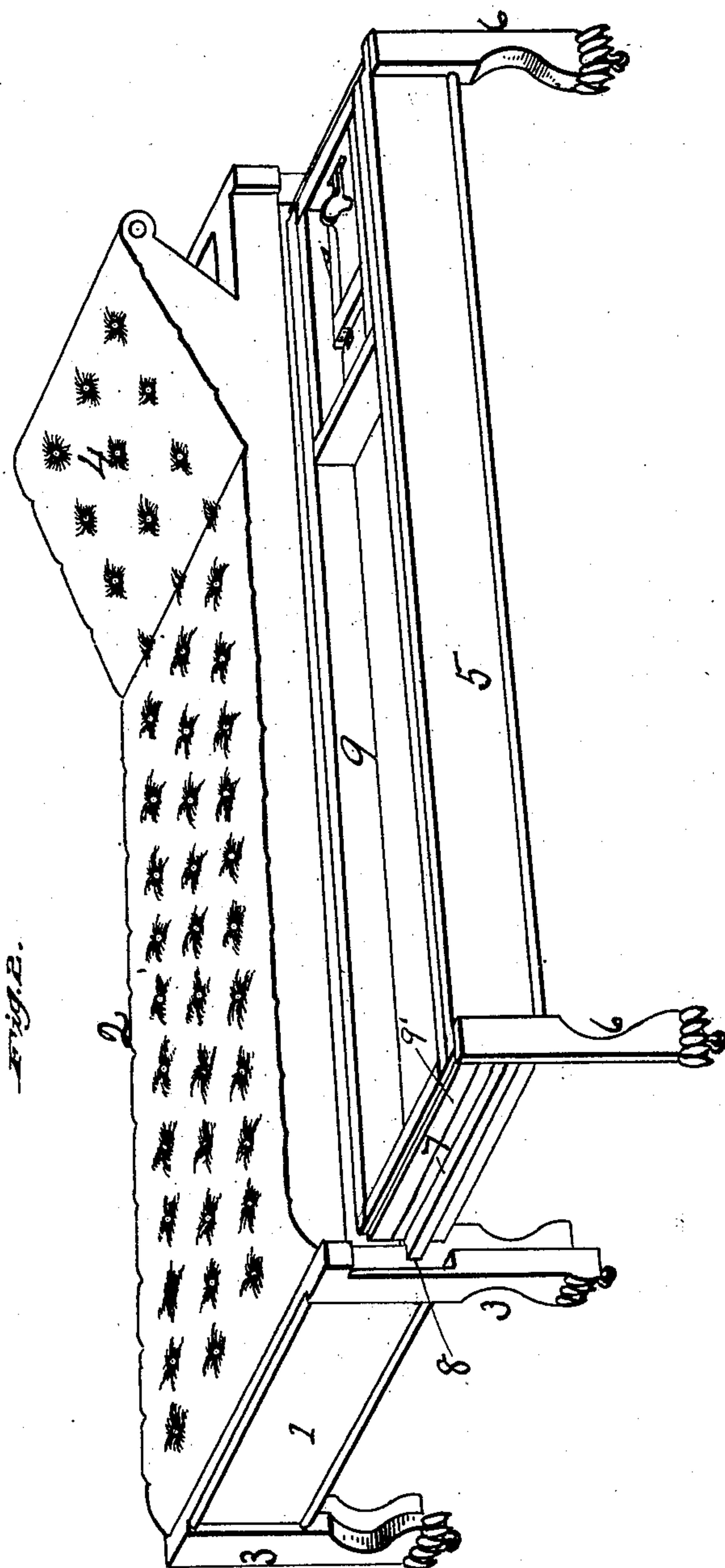
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3 SHEETS—SHEET 2.



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3 SHEETS—SHEET 3.

Fig. 3.

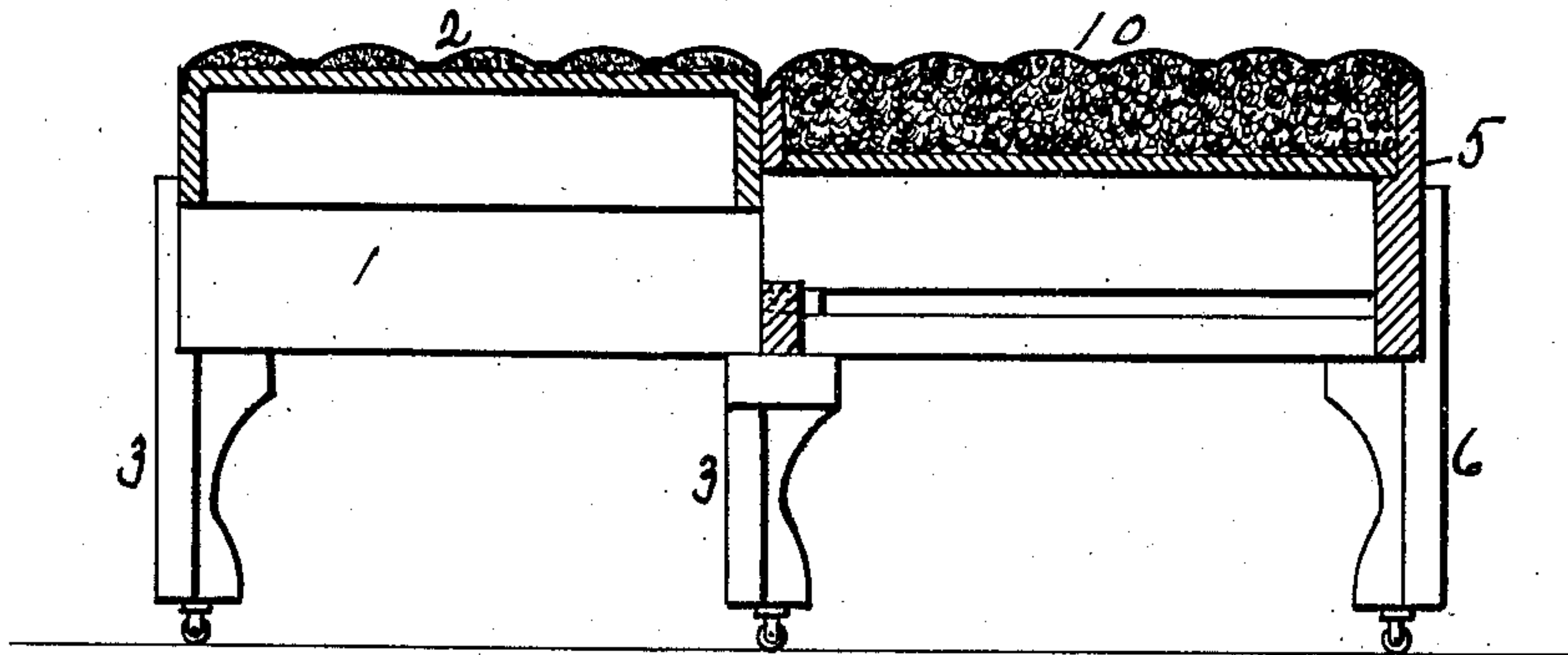


Fig. 4.

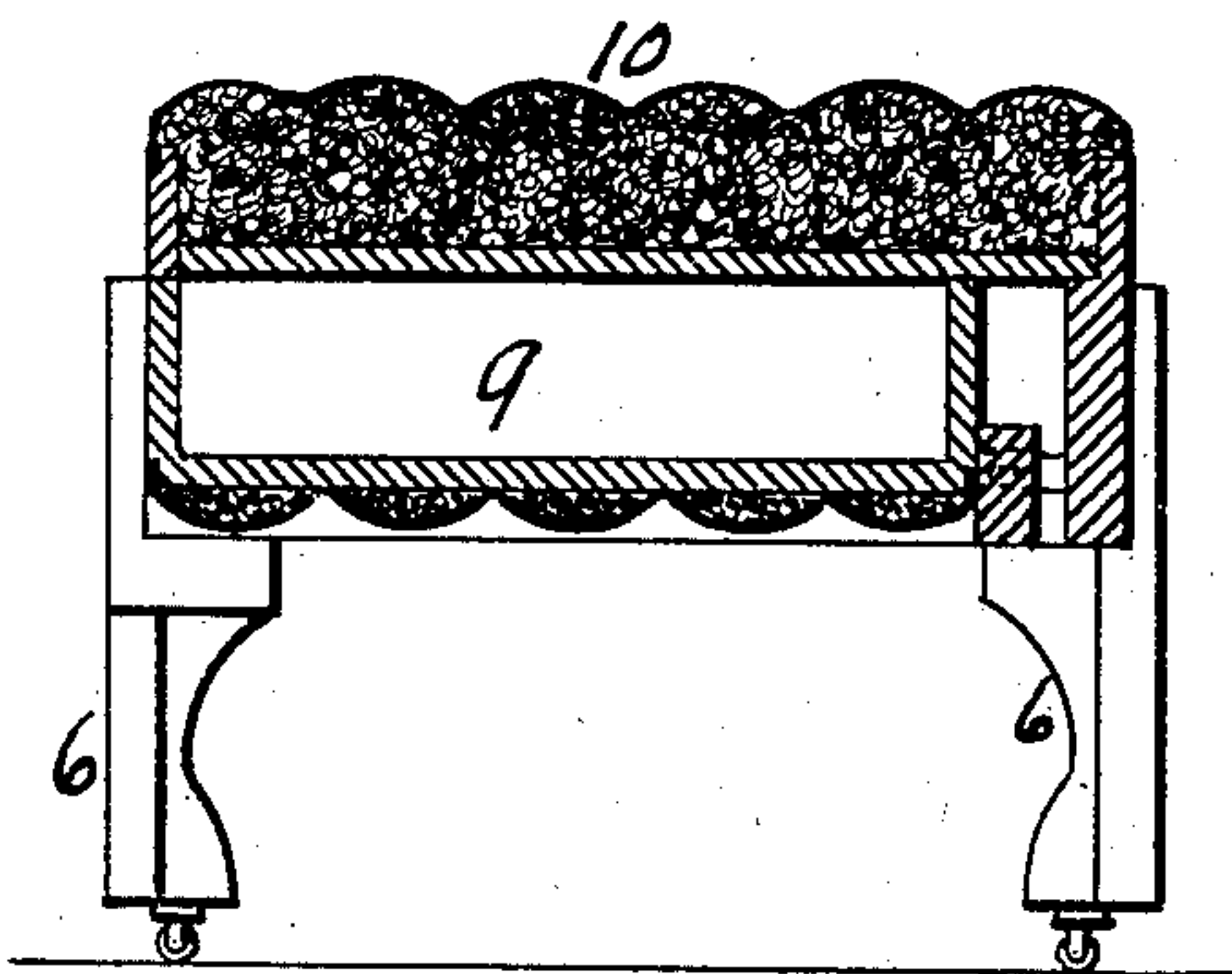


Fig. 5.

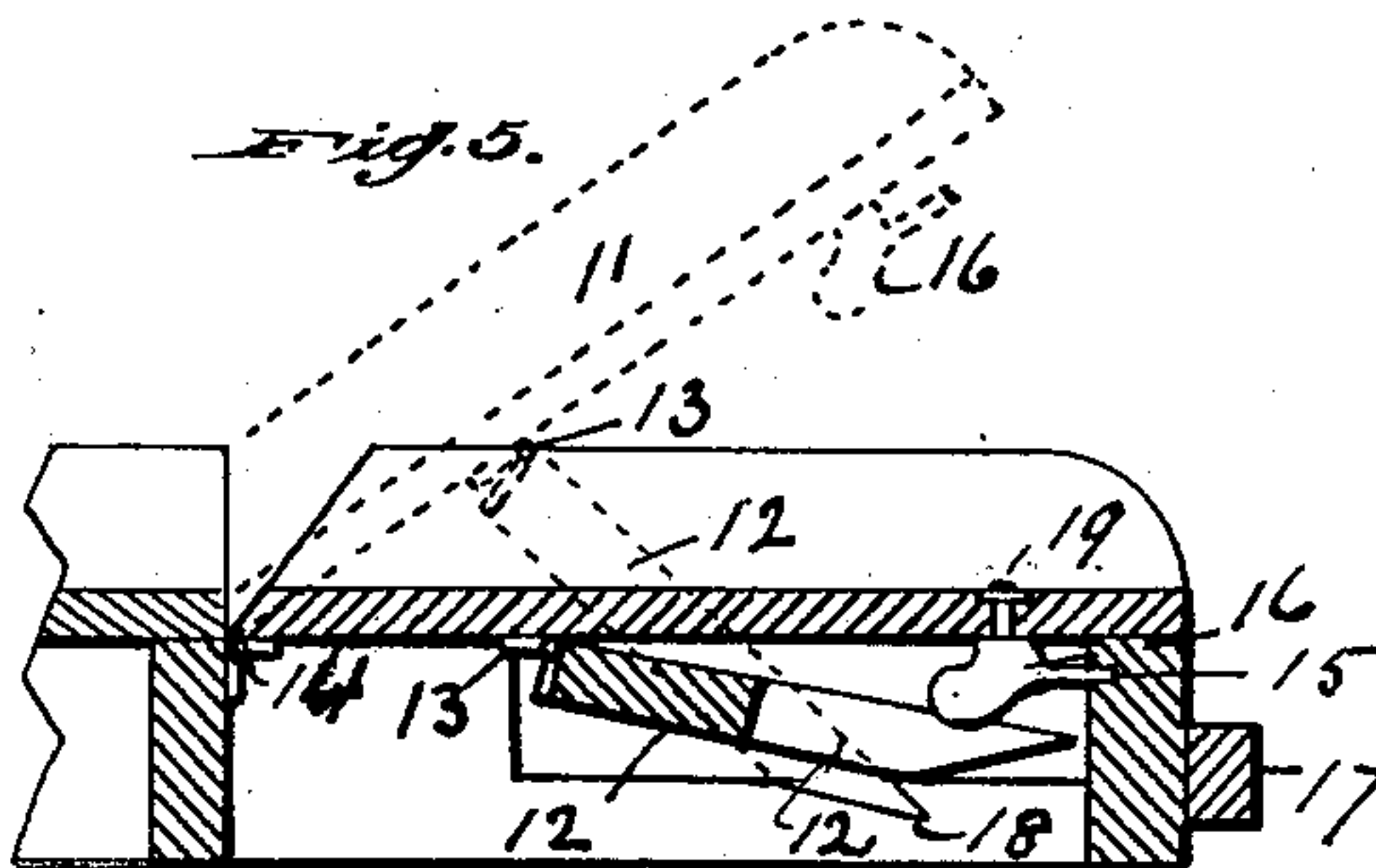


Fig. 7.

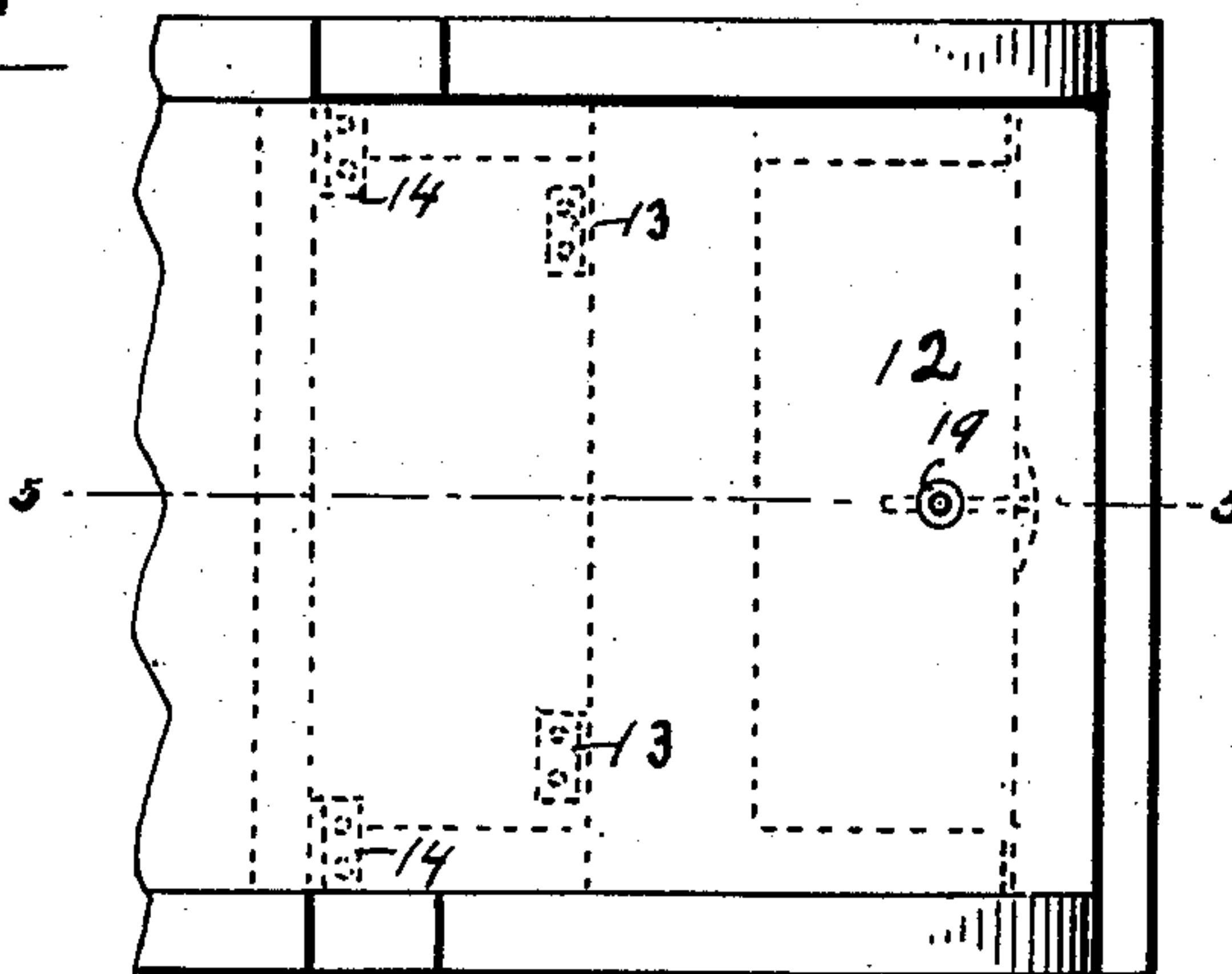
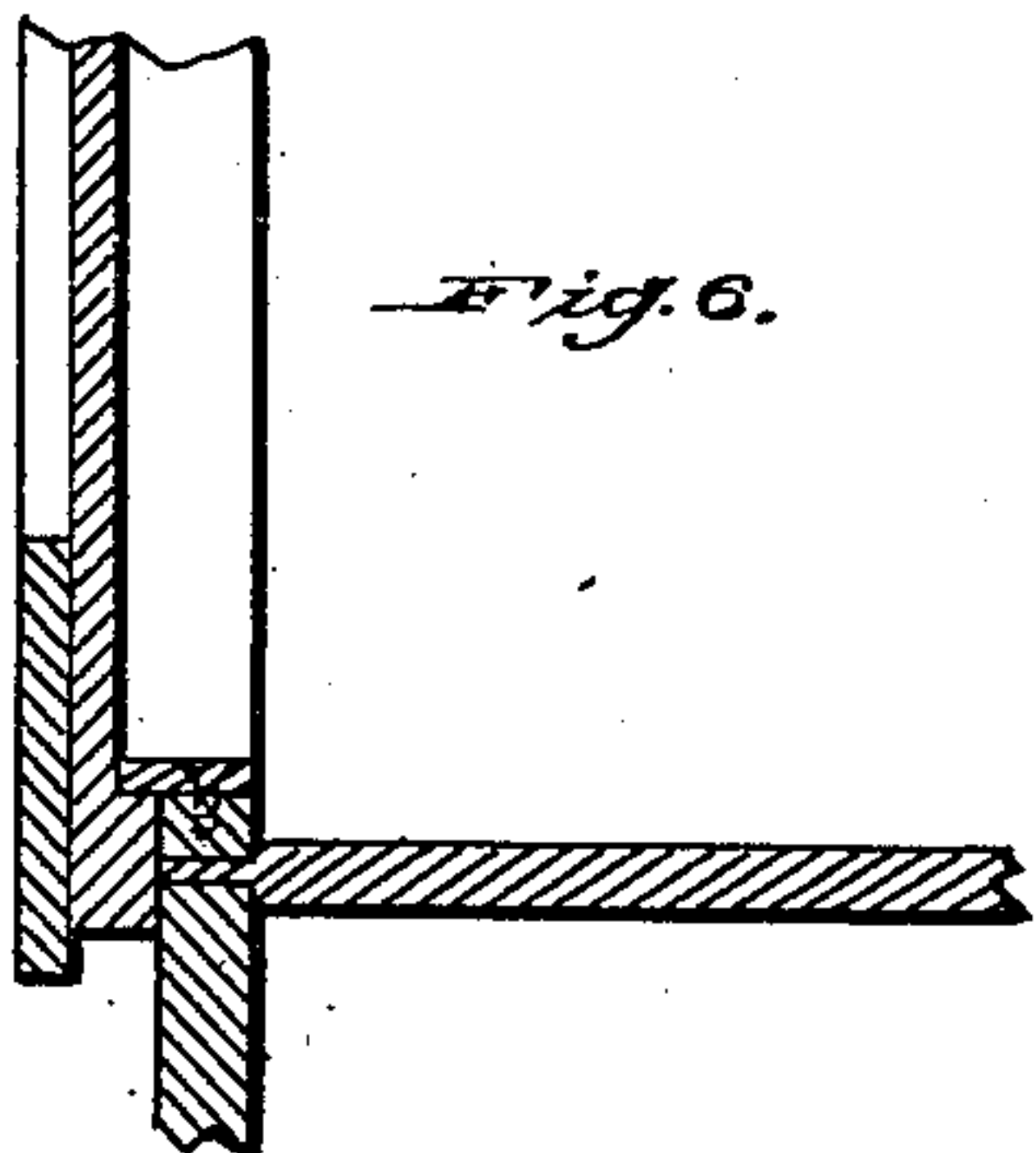


Fig. 6.



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UNITED STATES PATENT OFFICE.

GEORGE M. KIM, OF ALLEGHENY, PENNSYLVANIA.

BED-COUCH.

SPECIFICATION forming part of Letters Patent No. 754,145, dated March 8, 1904.

Application filed July 11, 1903. Serial No. 165,059. (No model.)

To all whom it may concern:

Be it known that I, GEORGE M. KIM, a citizen of the United States, residing at Allegheny, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Bed-Couches, of which the following is a specification.

The object of my invention is a bed-couch having an extension-couch so formed as to be readily drawn out to form a double couch, as will be more fully described hereinafter.

In the drawings accompanying this application for patent, (in three sheets,) Figure 1, Sheet 1, is a perspective view of my invention, showing the main couch and the sliding couch arranged for use. Fig. 2 is also a perspective view of the main couch arranged for use with the sliding couch drawn out, showing its framework and the reversible box thereon, &c. Fig. 3 is a cross-sectional view of two couches when placed side by side. Fig. 4 is a cross-sectional view of the sliding couch. Fig. 5 is a sectional side view of head portion of the sliding couch, showing means of raising and lowering a hinged head-rest. Fig. 6 is a sectional view showing in detail the sliding mechanism of the couch. Fig. 7 is a top view of the head portion of the sliding couch.

In the drawings the numeral 1 represents the body portion of the main couch. 2 is the mattress on the same.

3 3 are legs.

4 is the head rest or elevation.

5 is the body portion of the sliding couch.

6 6 are legs thereto.

7 is a guide-strip, one at each end of the couch, so arranged on the couch as to slide into the main couch in a recess or groove 8, properly prepared for the same, having suitable stops to prevent being entirely drawn out of the main couch.

9 is a box formed so as to be placed within the frame of the sliding couch. It is movable—that is, can be taken out at will. Carried upon each of the end pieces of the box 9 are outwardly-extending longitudinal strips 9', which are secured near the upper portion of the box. These strips are secured at such a distance from the top of the box-frame as to permit the same to be supported by the lower

sides of the strips 9' well within the body portion of the sliding couch, so as not to interfere with sliding this couch under the main one. Also the distance of the upper sides of these strips is such from the top of the box-frame that when the box is withdrawn, reversed, and placed upon the sliding couch the strips will engage the same to support the box on a level with the main couch. At the head end of this box I arrange a device for raising the end part of this couch, as seen in Fig. 1. In Fig. 2, Sheet 2, this head part is lowered, and when so lowered is wholly within the chamber in which it is secured. This head portion is represented by the numeral 11. It is hinged at 14 14 and has a hinged brace 12, hinged at 13 13 to the under side of the head part 11. When in elevation, the pointed end of the brace lodges in the recess 18, where it is securely placed, and this elevates the part 11, as seen in Fig. 3 in dotted lines.

16 is a device in the nature of a thumb-screw having an extension 15, as seen in Fig. 3. This extension 15 is seated in a recess in the frame. This forms a locking device or a means to hold up the parts 11 and 12 when the box 9 is taken out and reversed. Otherwise these parts 11 and 12 would hang down. This locking device is pivoted and held in place by a screw 19 or any other suitable means.

It will be seen by reference to Fig. 2 that a suitable space is provided by means of the box 9 for a considerable quantity of bedclothes such as would likely to be used on a double couch like the one I show and describe. This box when lifted out of its seat and turned upside down is then ready to be placed in the frame ready for use, being upholstered or otherwise prepared for the usual bedclothes.

As I have described my invention it will be readily seen that a single couch can be made out of it, and it will not occupy nearly so much room as a bed, and yet may easily and quickly be transformed into a double bed.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

In a device of the type set forth, a main couch provided with longitudinal grooves, a sliding frame, pieces projecting from the ends

of said frame adapted to engage and slide in
the said grooves, a removable, reversible box
having means on its ends adapted to engage
the end pieces of the sliding frame to support
5 the box, said box having a partition therein
forming the interior thereof into a large and
small compartment, a head-rest pivoted upon
said partition and lying flush with the bottom
of the box covering the small compartment, a
10 pivoted supporting-brace secured to the bot-
tom of the head-rest, means carried by the
box to hold said brace in extended position,

and a locking means pivotally mounted upon
the head-rest adapted to engage the brace to
hold the same in closed position, said means
engaging in a recess formed in the box, sub-
stantially as described.

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

GEORGE M. KIM.

Witnesses:

GEORGE E. KIM,
HENRY A. MOSER.