

No. 663,685.

Patented Dec. 11, 1900.

G. A. SCHACHT.

BEDSTEAD.

(Application filed Mar. 1, 1900.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 1

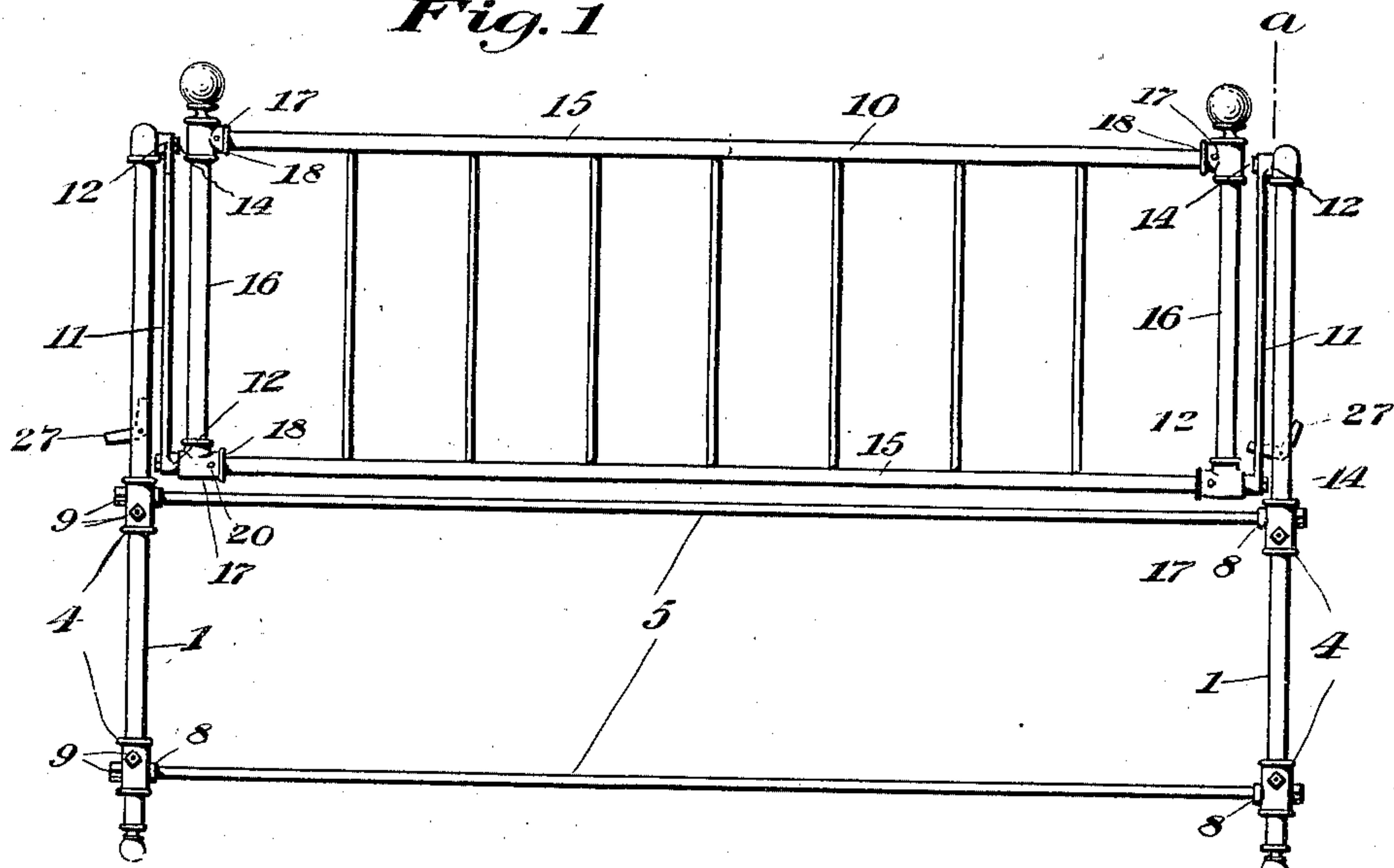


Fig. 2

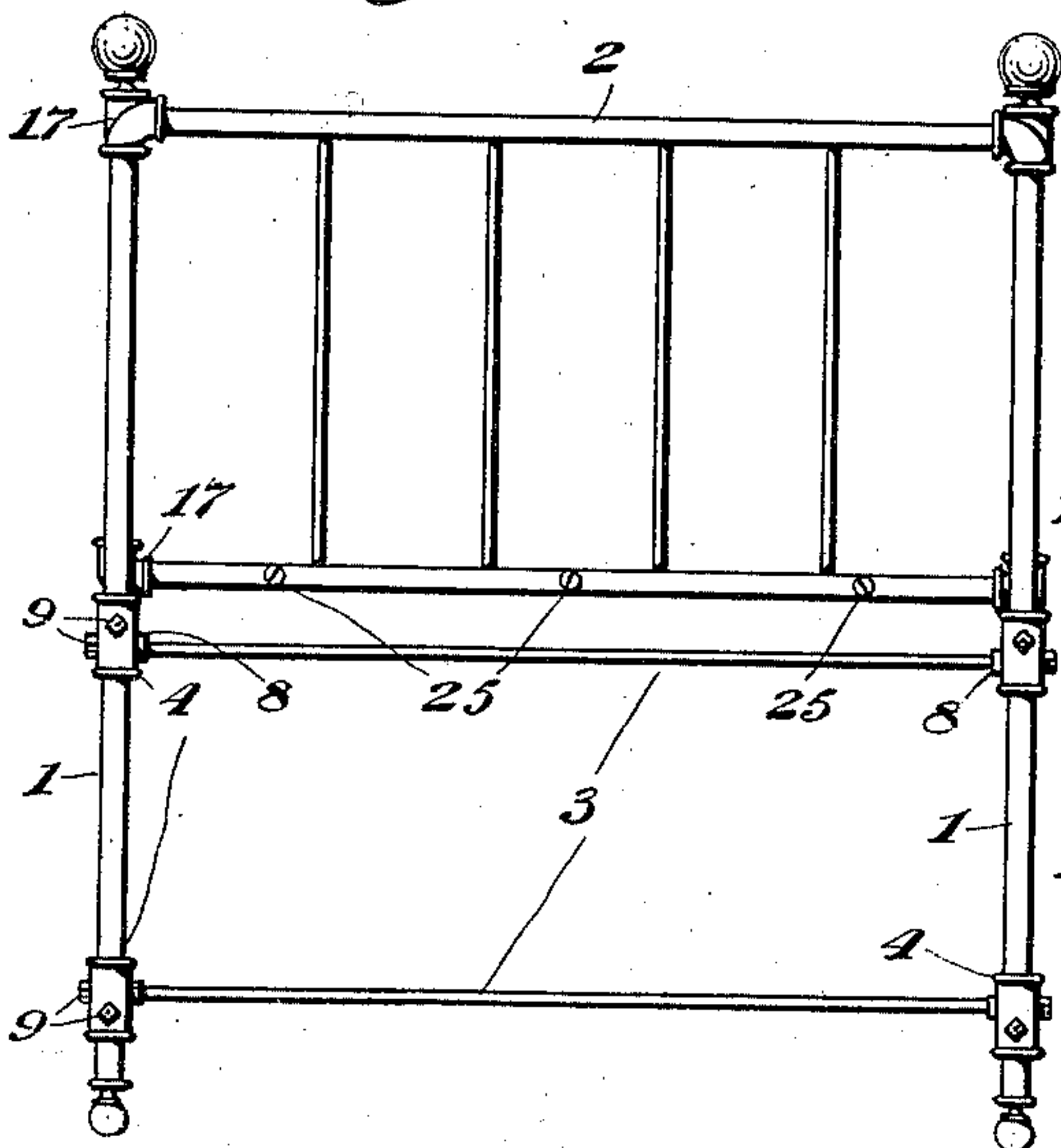
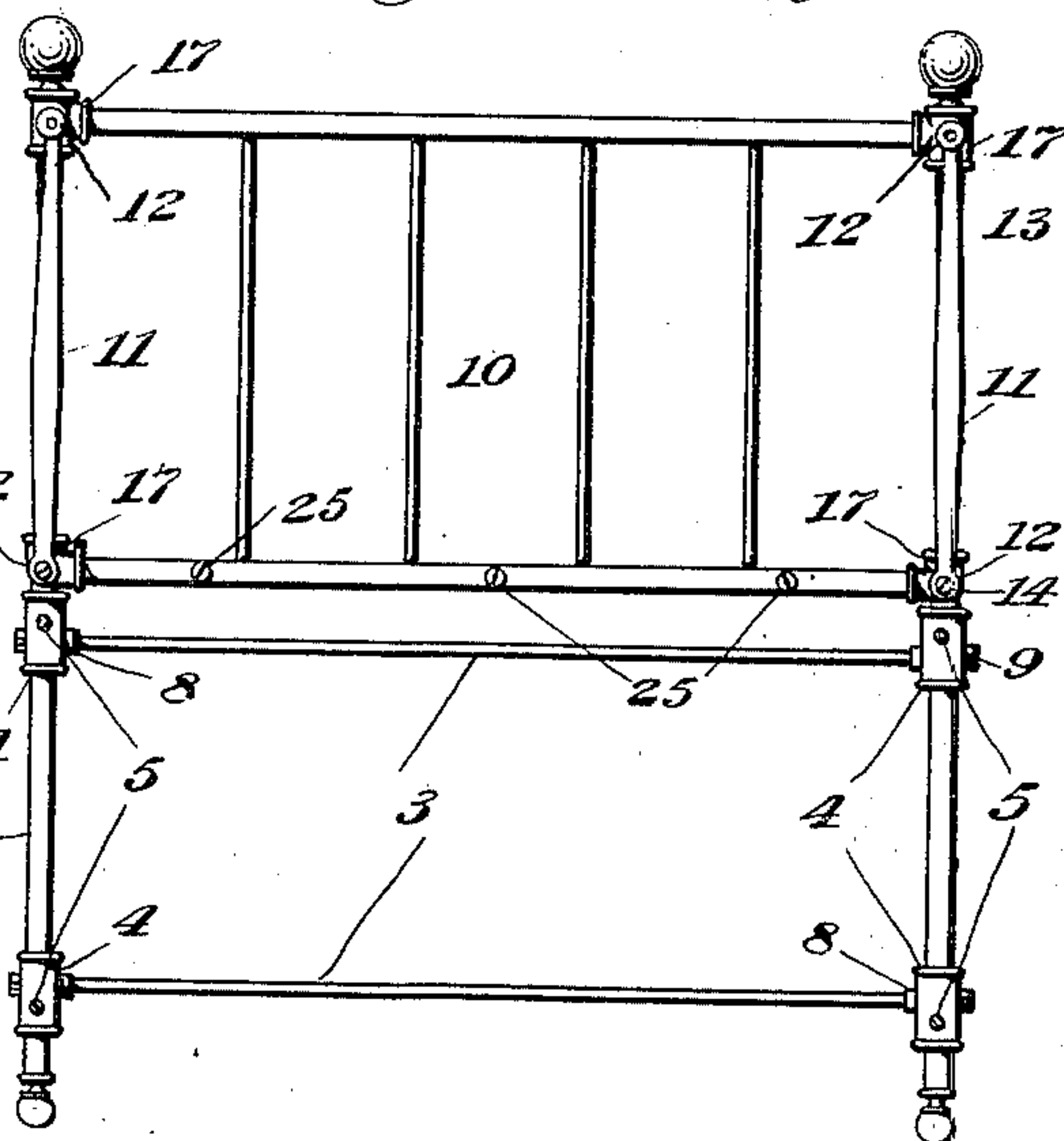


Fig. 3



Witnesses

J. D. Home

L. T. Vance

Inventor

Gustav A. Schacht,
by John Elias Jones,
his Attorney.

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Fig. 4

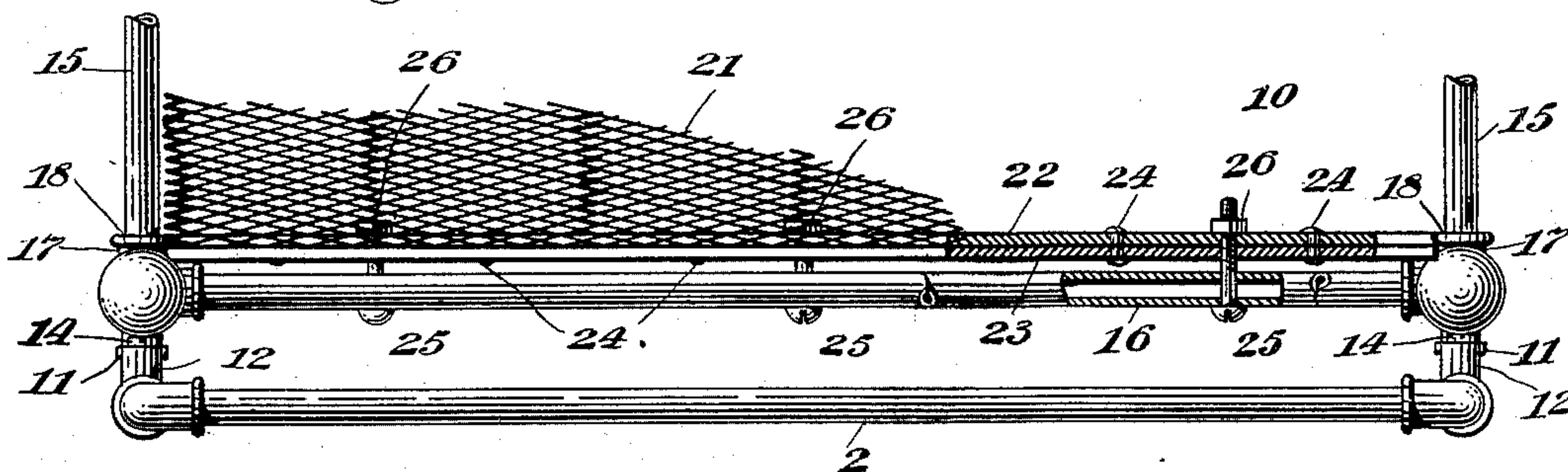


Fig. 5

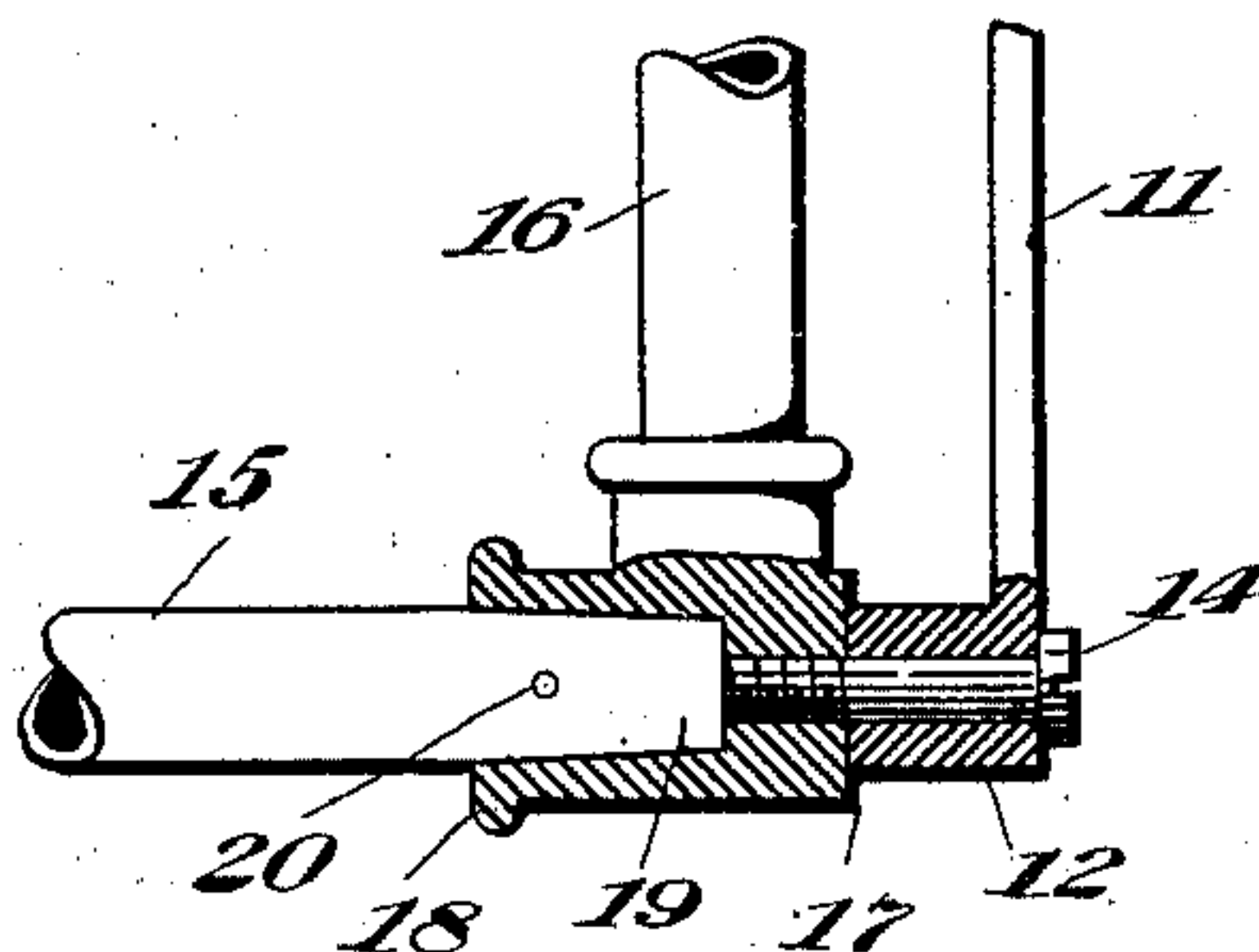


Fig. 6

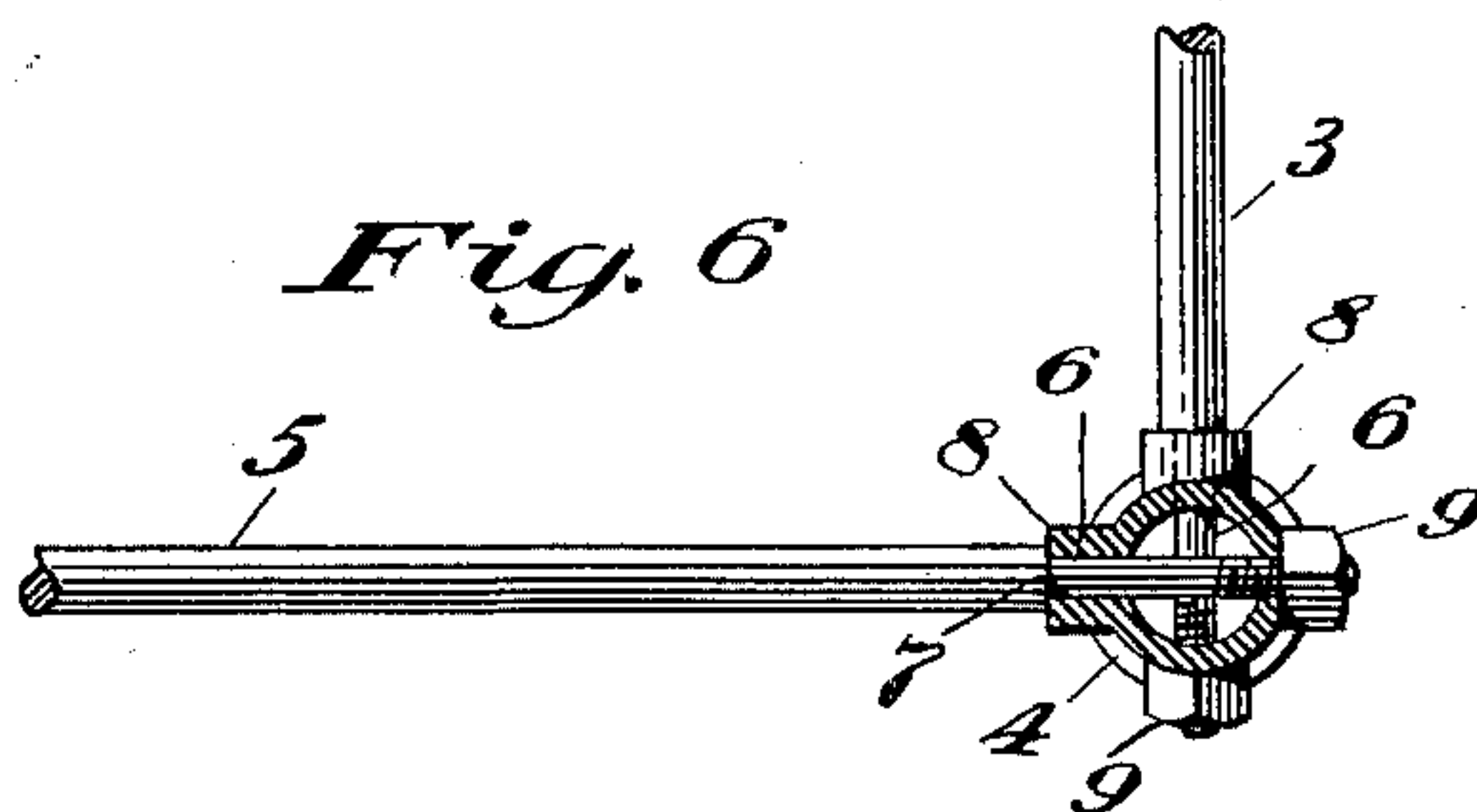
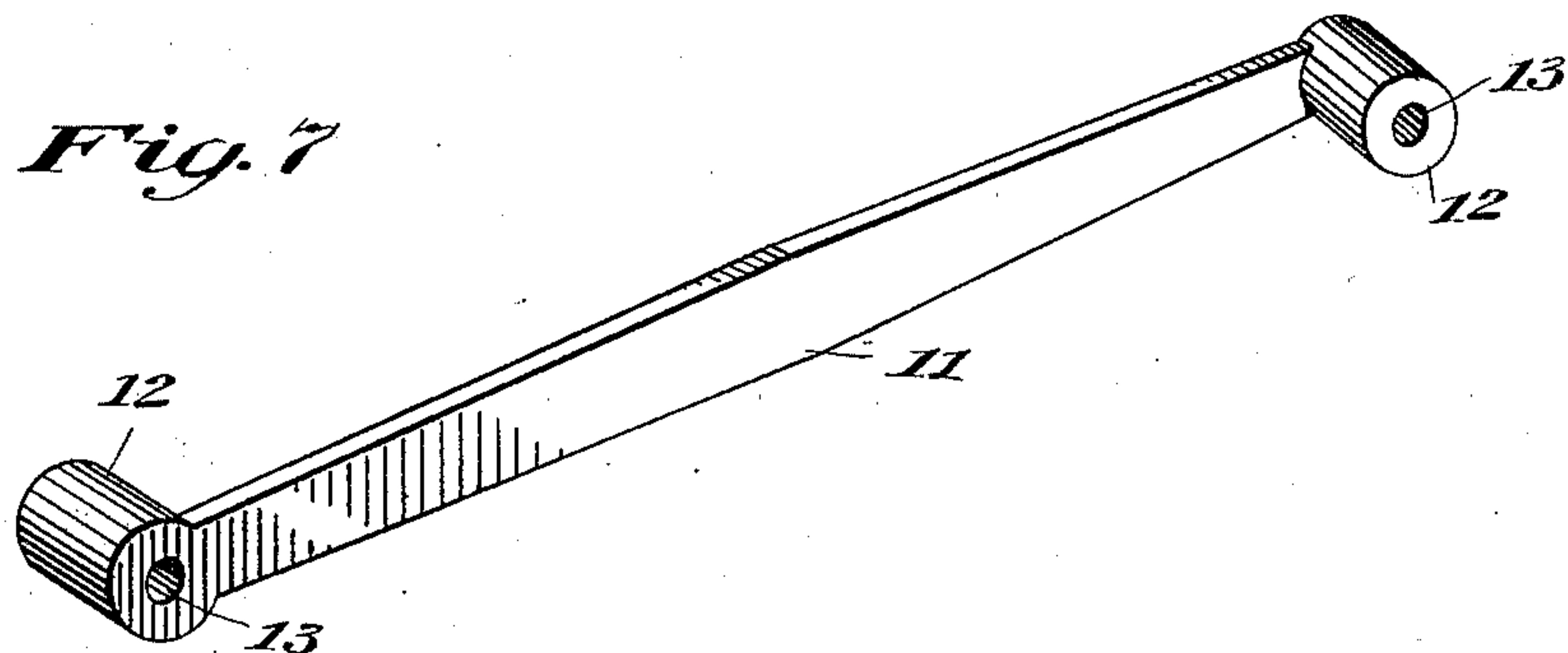


Fig. 7



Witnesses

J. D. Home

L. T. Vance

Inventor

Gustavus A. Schacht,
by John Elias Jones,
his attorney.

UNITED STATES PATENT OFFICE.

GUSTAVUS A. SCHACHT, OF CINCINNATI, OHIO, ASSIGNOR OF ONE-HALF TO
CHARLES R. TALBOTT, OF NEWPORT, KENTUCKY.

BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 663,685, dated December 11, 1900.

Application filed March 1, 1900. Serial No. 6,997. (No model.)

To all whom it may concern:

Be it known that I, GUSTAVUS A. SCHACHT, a citizen of the United States of America, and a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Bedsteads, of which the following is a specification.

This invention relates to certain improvements in bedsteads, and especially in bedsteads for the use of children; and the object of the invention is to provide a bedstead which shall have the advantages of an ordinary child's crib and cradle, being at the same time of a simple and inexpensive nature and of an attractive, strong, and durable construction.

The invention contemplates certain novel features of the construction, combination, and arrangement of the several parts of the improved bedstead whereby certain important advantages are attained and the device is made simpler, cheaper, and otherwise better adapted and more convenient for use, all as will be hereinafter fully set forth.

The novel features of the invention will be carefully defined in the claim.

In the accompanying drawings, which serve to illustrate my invention, Figure 1 is a side view of a bedstead constructed according to my invention, and Fig. 2 is an end view of the same. Fig. 3 is a vertical section taken substantially in the plane indicated by line *a a* in Fig. 1. Fig. 4 is an enlarged partial sectional plan showing one end of the improved bedstead. Fig. 5 is an enlarged detail view showing one of the detachable fastenings employed in the improved bedstead, and Fig. 6 is a view showing another of said detachable fastenings. Fig. 7 is an enlarged perspective view showing one of the links employed for suspending the swinging bed-frame.

As shown in the views, the bedstead comprises a base portion or stand and a bed-frame held to swing sidewise on said base or stand and adapted to receive the bedding. The base or stand comprises end pieces each formed of two uprights 1 1, connected at their upper ends by a cross-rail 2 and at their lower parts by parallel brace-rods 3 3, each of which connects with fittings 4, held on the uprights 1, as clearly shown in the drawings. The end

pieces of the base or stand are tied or connected together by tie-rods or braces 5 5, extending lengthwise at each side of the bedstead, these braces or tie-rods being also connected to the fittings 4 on uprights 1. The preferred connection between the braces 3 and 5 and fittings 4 is shown in detail in Fig. 6. Each brace is formed at each end with a reduced portion 6, forming a shoulder 7, adapted to abut against the end of a boss 8, integral with the fitting 4 and through which the reduced part 6 is passed. The ends of the reduced parts 6 of the respective braces 3 and 5 are extended through the fittings 4 at right angles to each other and are threaded to receive nuts 9, by means of which the braces are securely held to the fittings.

10 indicates as a whole the swinging bed-frame, made, as herein shown, in rectangular form with raised walls and hung at its ends upon the lower ends of links 11, which are pivotally secured at their upper ends to the end pieces of the base or stand of the bedstead. There are two links 11 at each end of the bed-frame, one at each corner thereof, and the links are so mounted as to permit the bed-frame to swing sidewise back and forth on the base or stand. The links 11 being similarly arranged and of equal lengths, it is evident that the bed-frame 10 will be maintained in a horizontal position at all times, so that there is no liability of tipping or throwing the child out of bed. The formation of the links is clearly shown in Figs. 1, 3, 5, and 7. Each end of each link is provided with a projecting boss 12, and said bosses project at the respective ends of the link from opposite sides thereof and are perforated, as shown at 13, for the passage of pivot-pins 14, which are screwed or otherwise secured to the base or stand and to the bed-frame 10, respectively.

Each side of the bed-frame 10 is formed of upper and lower rails 15, braced or tied together in any preferred manner, and each end of said frame is formed of an end piece 16, having uprights at opposite sides, which uprights carry fittings 17 at top and bottom, the lower fittings 17 serving for the attachment of the pivot pins or screws 14, as clearly shown in Fig. 5. Each fitting 17 has a socket 18, formed to receive a tapered end portion

19 on the end of one of the rails 15 of the bed-frame sides, said tapered end portion fitting in said socket and being secured in place therein by means of a pin 20 or the like, as indicated in Figs. 1 and 5.

The bed-frame 10 has a bottom 21, as shown in Fig. 4, such bottom being formed of a sheet of woven-wire fabric held at its ends between metal strips 22 and 23, which are secured together, so as to clamp the end edge of the sheet, rivets 24 being employed for holding the strips together. The clamping-strips 22 and 23 extend parallel with the lower rails of the end pieces 16 of the bed-frame 10 and are preferably provided with straining devices for permitting the bottom 21 to be stretched to take up any sag which may be therein. As shown herein, these straining devices consist of screws 25, collared in the end pieces 16 and passed through the strips 22 and 23 into nuts 26, which are held against turning by engagement of their flat sides under the sheet of woven-wire fabric forming the bottom 21. By turning the screws 25 they are driven through the nuts 26 and serve to draw the clamping-strips nearer to the end pieces 16 of the swinging bed-frame.

The improved bedstead constructed as above described is of a very attractive appearance and of a light, strong, and inexpensive construction and combines the best features of a child's crib and cradle, since it may be swung sidewise to rock the child without danger of being overturned and swings with an easy and regular sidewise movement and without tipping up, so that jolting is prevented. Furthermore, the base or stand sets firmly on the floor and has no projecting rockers, and the child may climb upon the sides of the swinging bed-frame without danger of rocking or tilting, as would be the case with an ordinary cradle.

The construction of the improved bedstead is also such as to permit it to be easily and quickly taken apart, so that the various parts may be compactly laid for shipment or stor-

age. For this purpose the links 11 may be removed to detach the bed-frame from the base or stand, after which the braces 3 and 5 may be removed by unscrewing nuts 9, permitting the end pieces to be laid flat, and the pins 20 being removed the rails 15 of the bed-frame sides may be disengaged from their sockets 18, so as to permit of compactly arranging the parts of the bed-frame.

It will also be seen that the improved bedstead may be provided with means for locking the swinging bed-frame 10, so that the bedstead may be used by a larger child. Such a device is shown at 27 in Fig. 1 and comprises a pivoted dog held by the upright 1 of the base and adapted for engagement with the lower part of the link 11 to hold the same against pivotal movement.

It will also be obvious from the above description that the improved bedstead is capable of some modification without material departure from the principles and spirit of the invention, and for this reason I do not wish to be understood as limiting myself to the precise form and arrangement of the several parts. For example, the improvements are herein shown as applied to a metallic bedstead; but it is evident that certain of the features of the invention may be applied equally well to a wooden bedstead.

Having thus described my invention, I claim—

In a bedstead, the combination of a base or stand, a bed-frame, links having integral projecting bosses and arranged at the corners of the bed-frame, and headed pivot-screws having shanks passed through the links and screwed into the bed-frame for connecting the links to the bed-frame and to the base or stand, substantially as set forth.

Signed by me at Cincinnati, Ohio, this 26th day of February, 1900.

GUSTAVUS A. SCHACHT.

Witnesses:

JOHN ELIAS JONES,
C. R. TALBOTT.