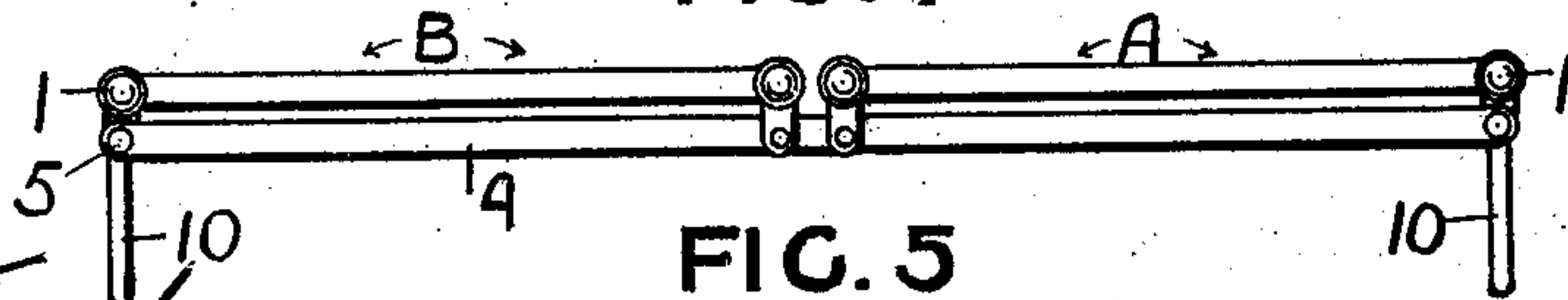
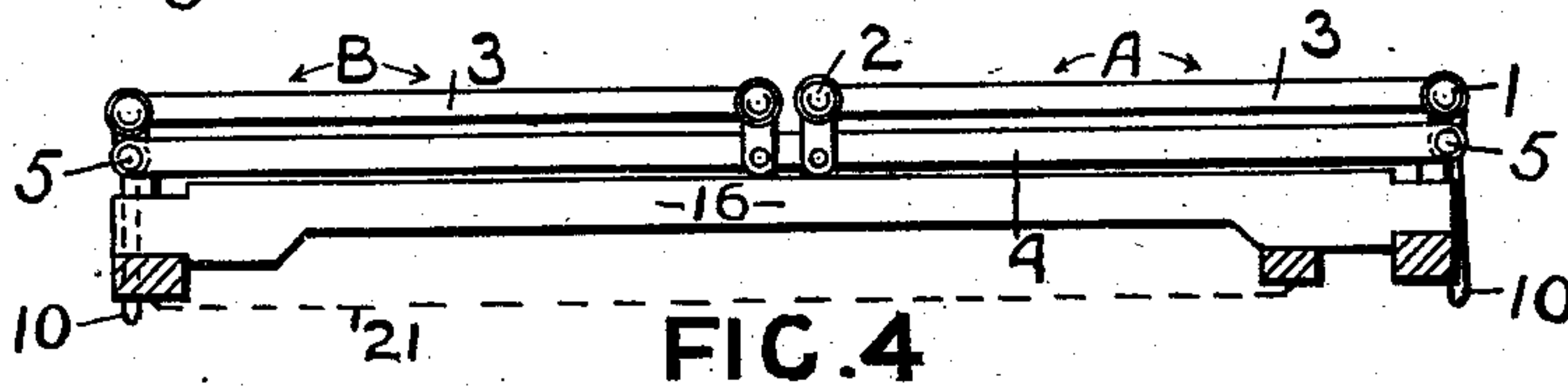
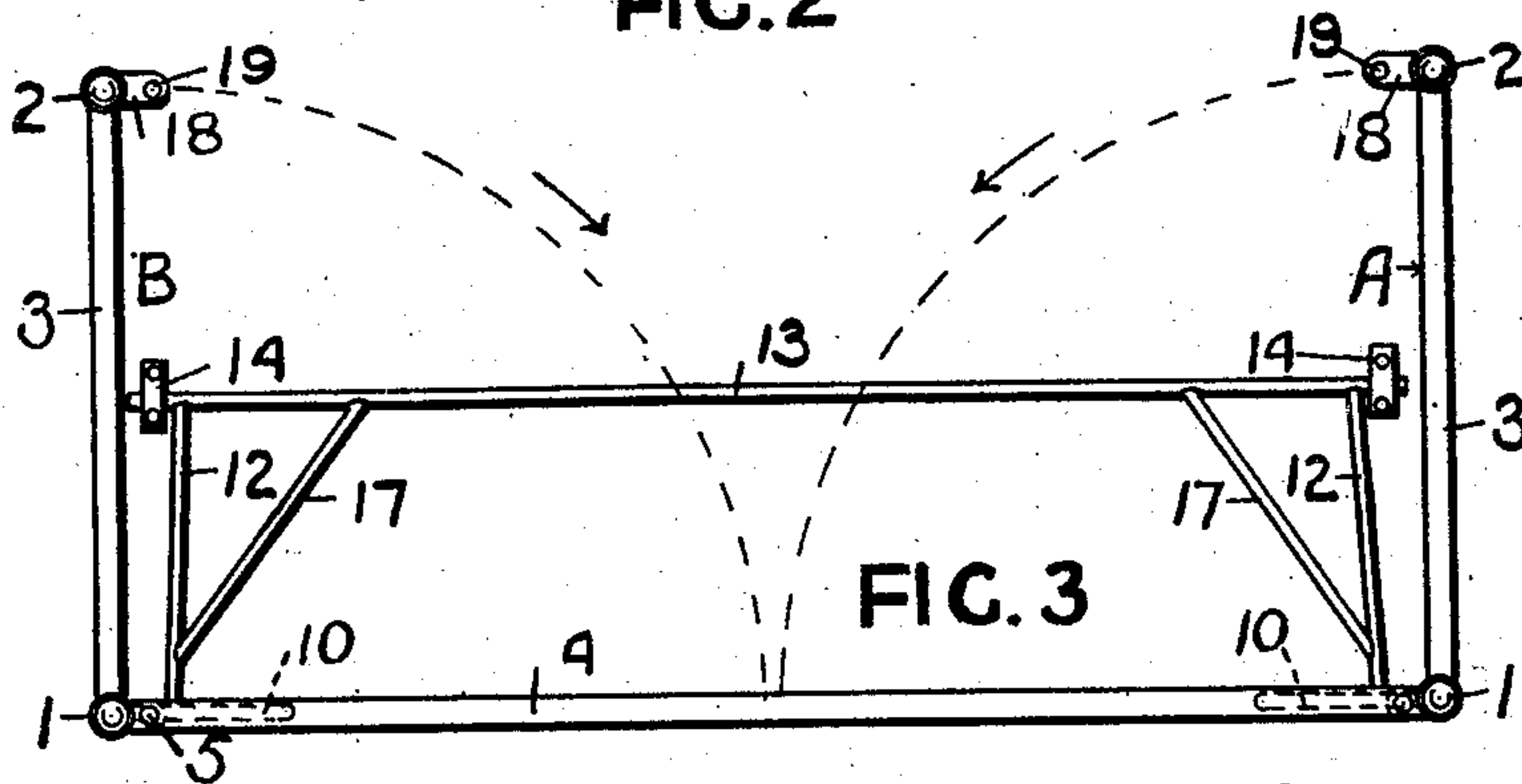
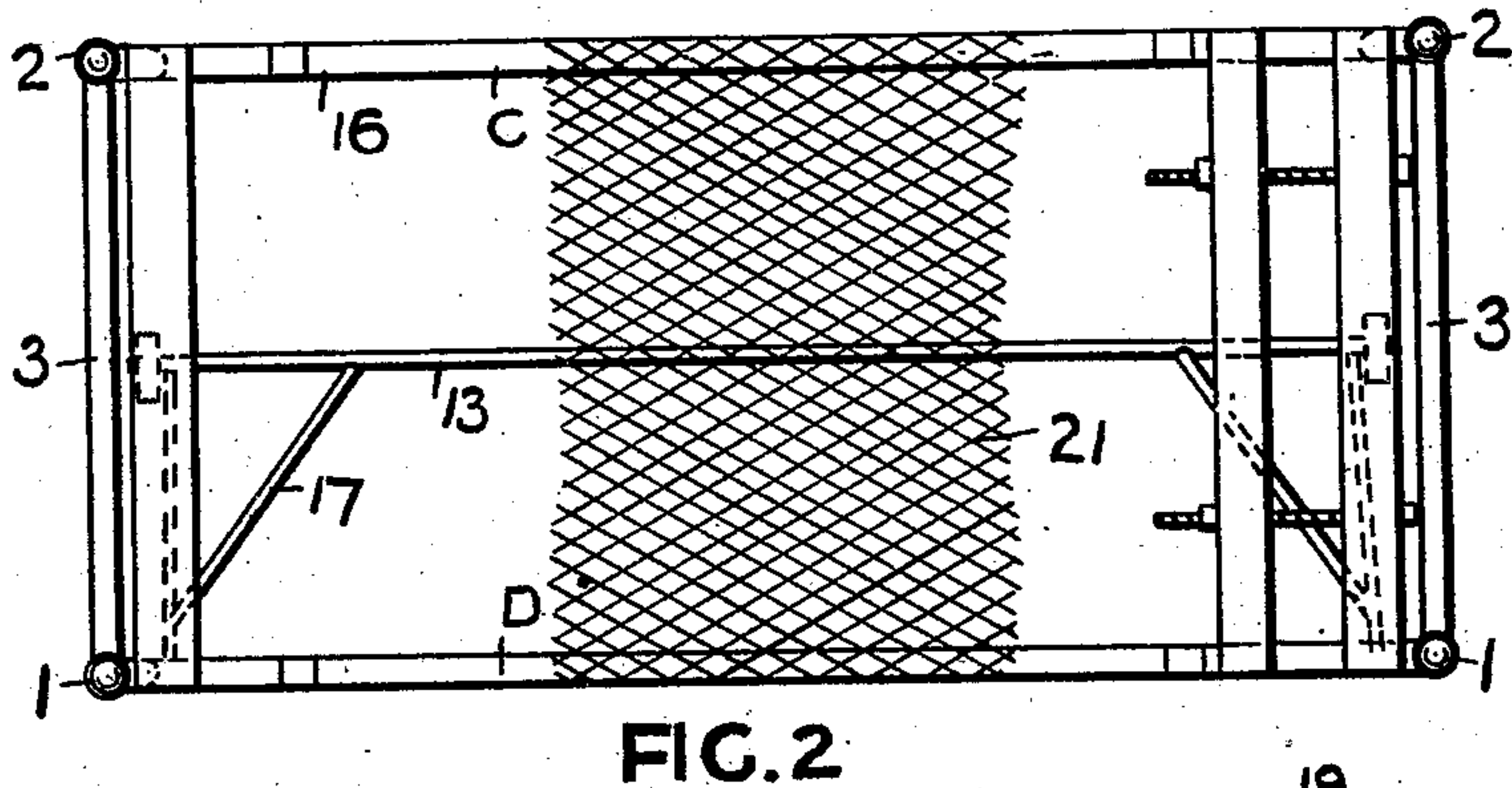
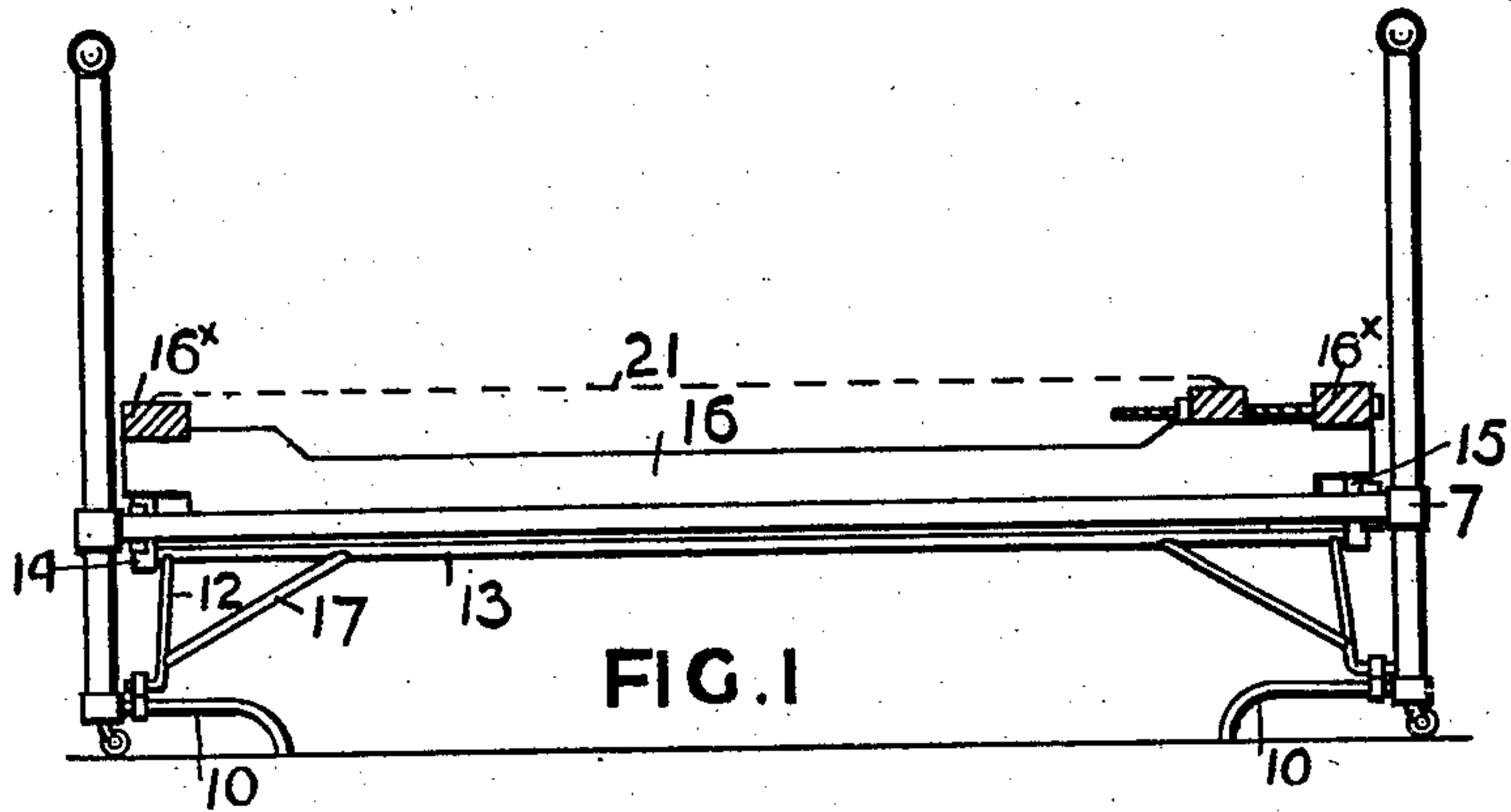


No. 860,188.

PATENTED JULY 16, 1907.

G. BRENNAN.
FOLDING BEDSTEAD.
APPLICATION FILED DEC. 31, 1906.

3 SHEETS—SHEET 1.



Witnesses:
C. C. Franch
Kathryn Donovan

Inventor:
George Brennan
by *Attorney*
his Attorney

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3 SHEETS—SHEET 2.

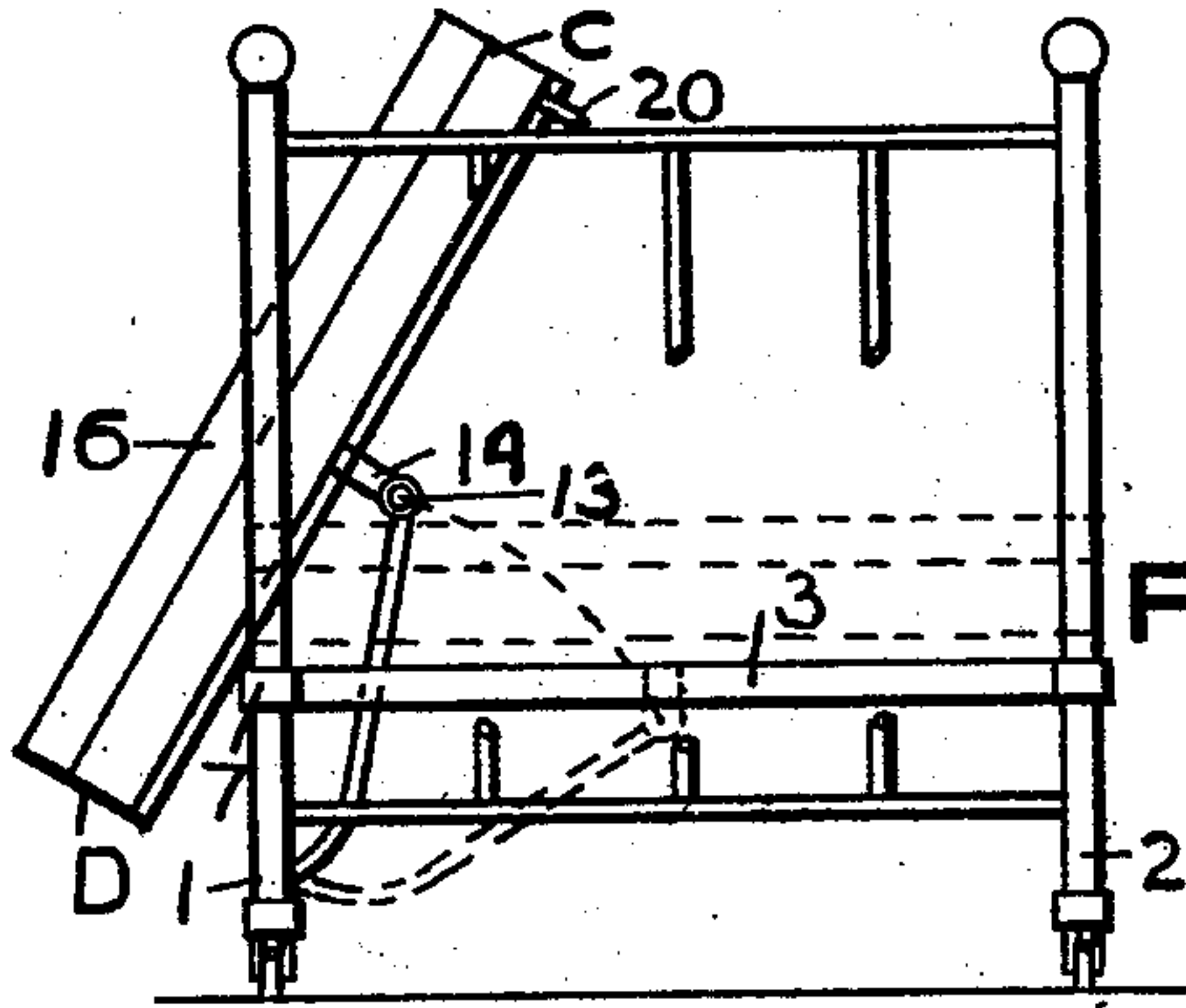


FIG. 6

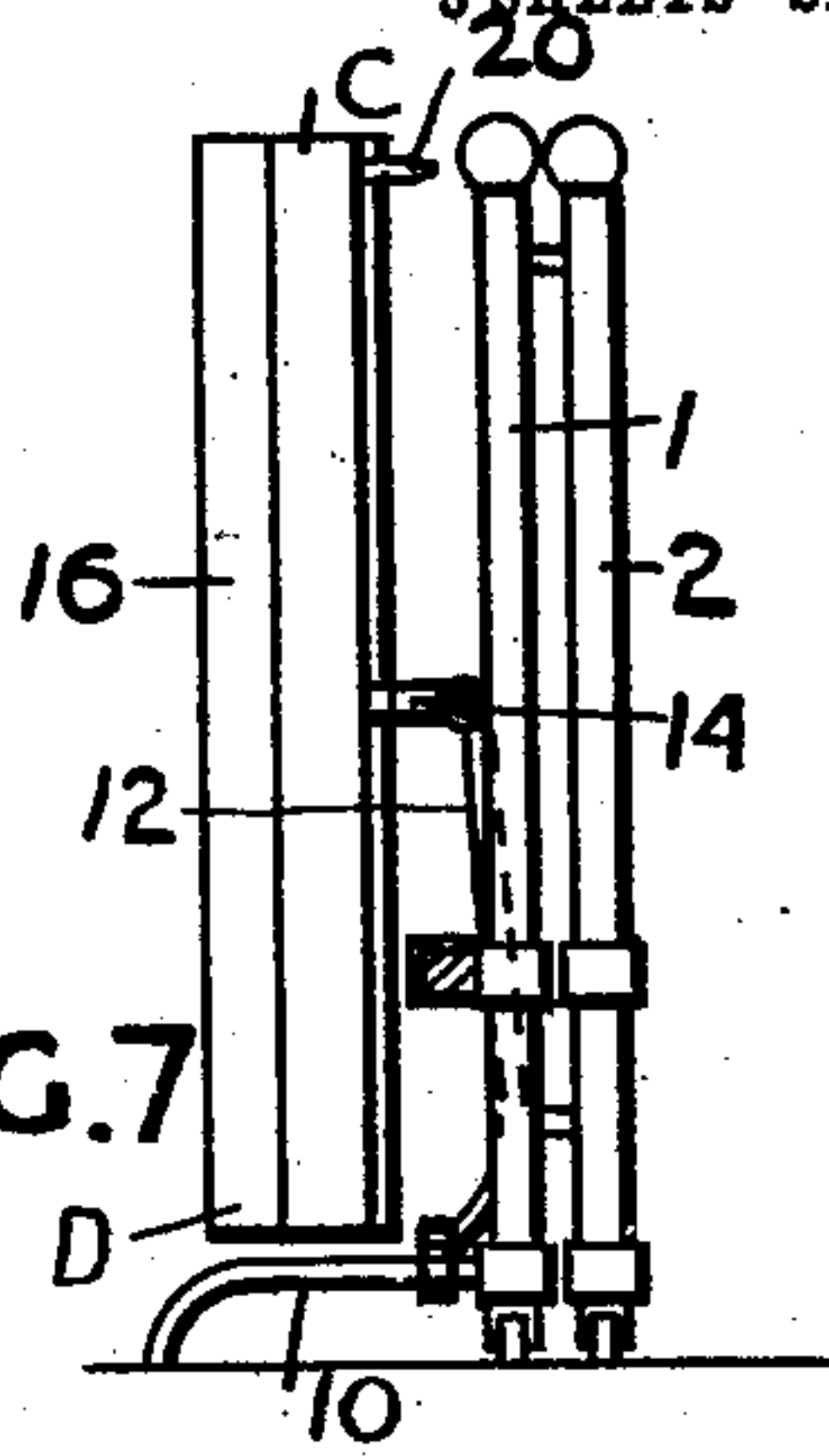


FIG. 7

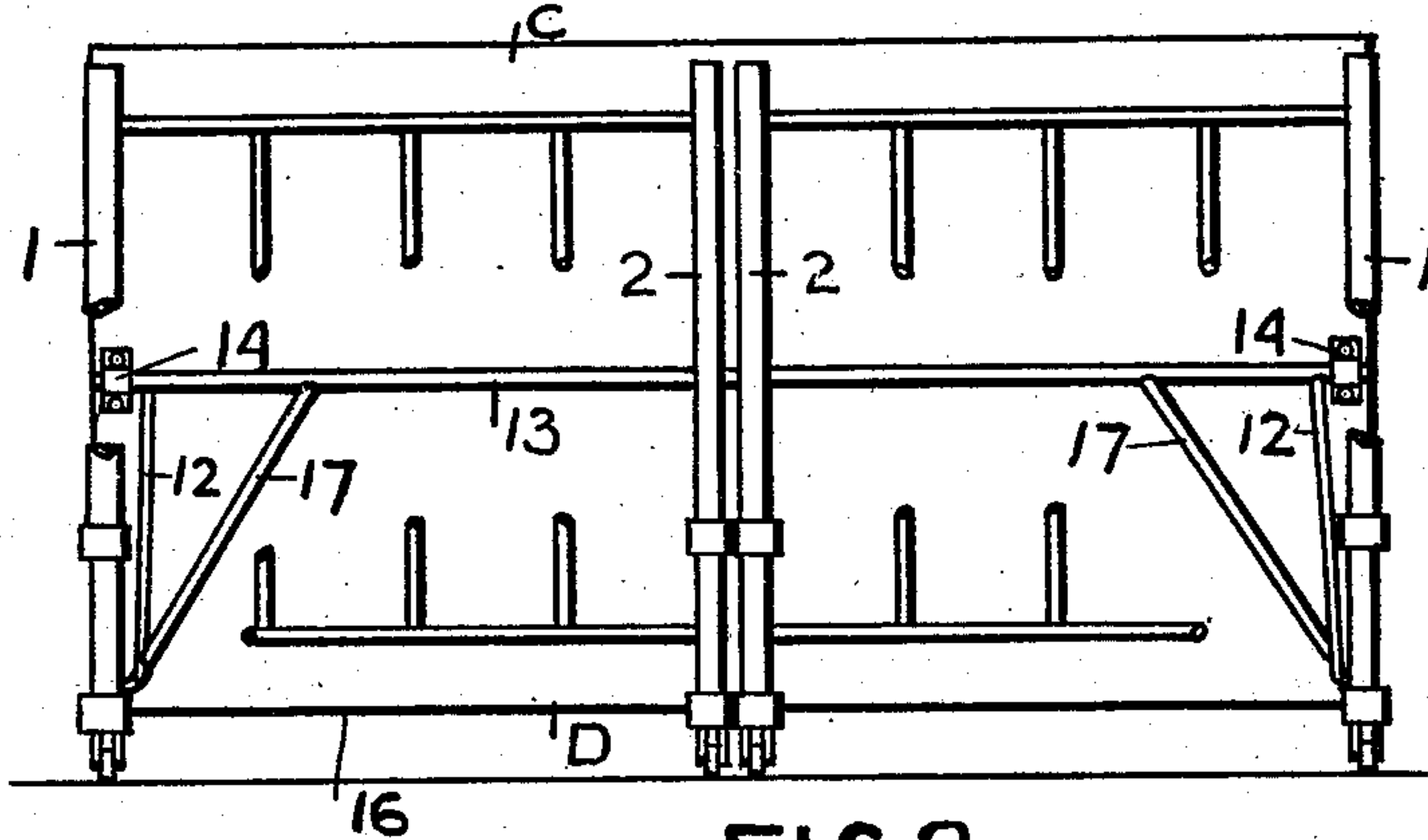


FIG. 8

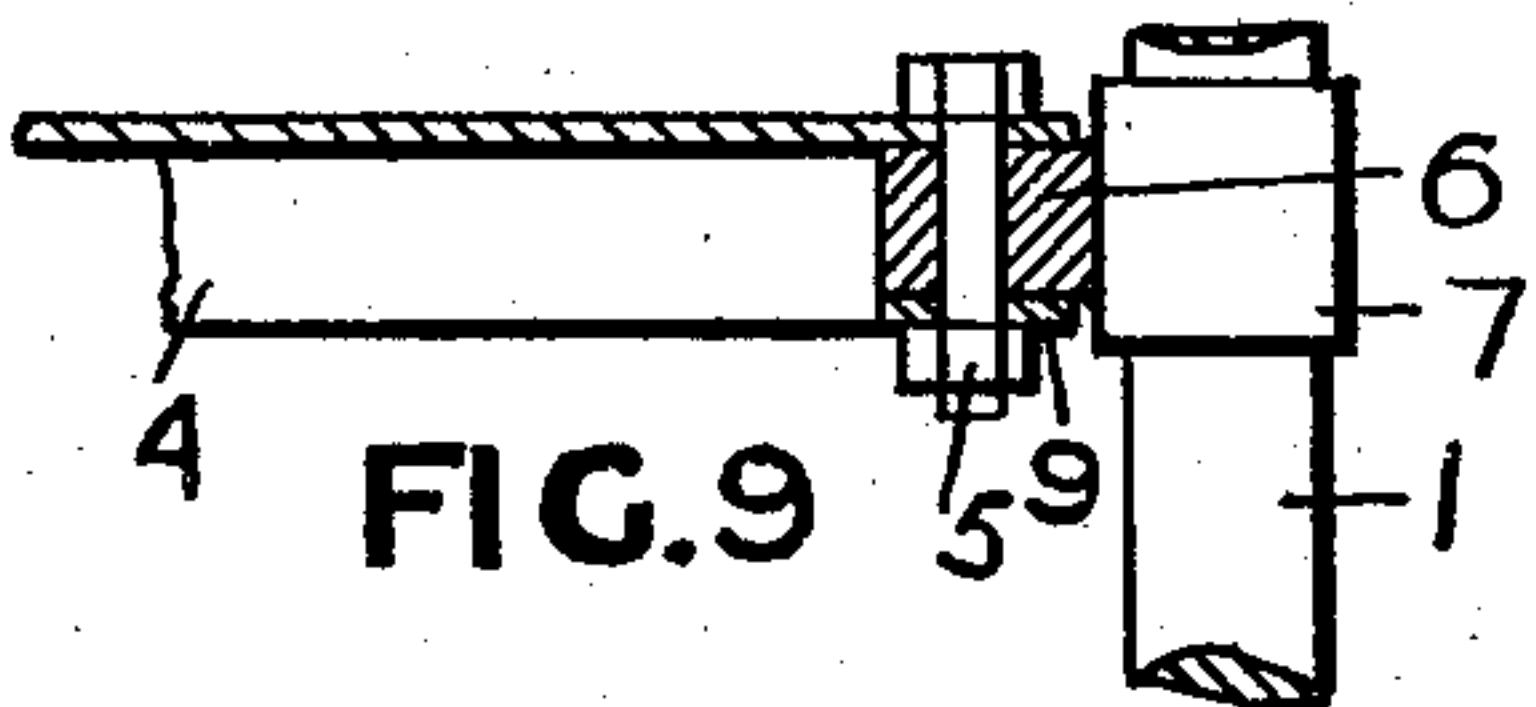


FIG. 9

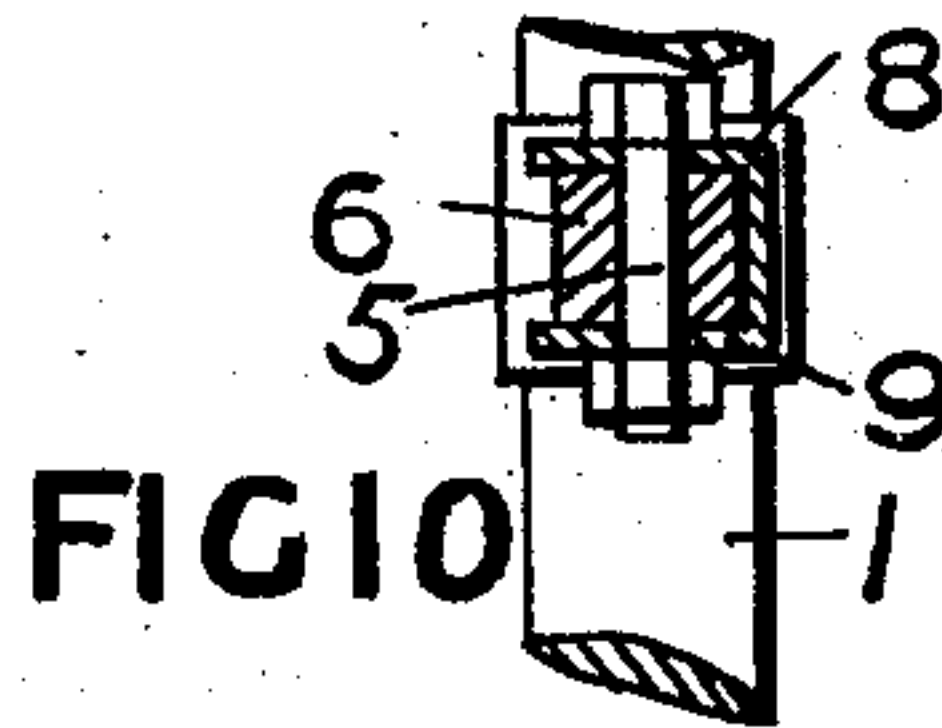


FIG. 10

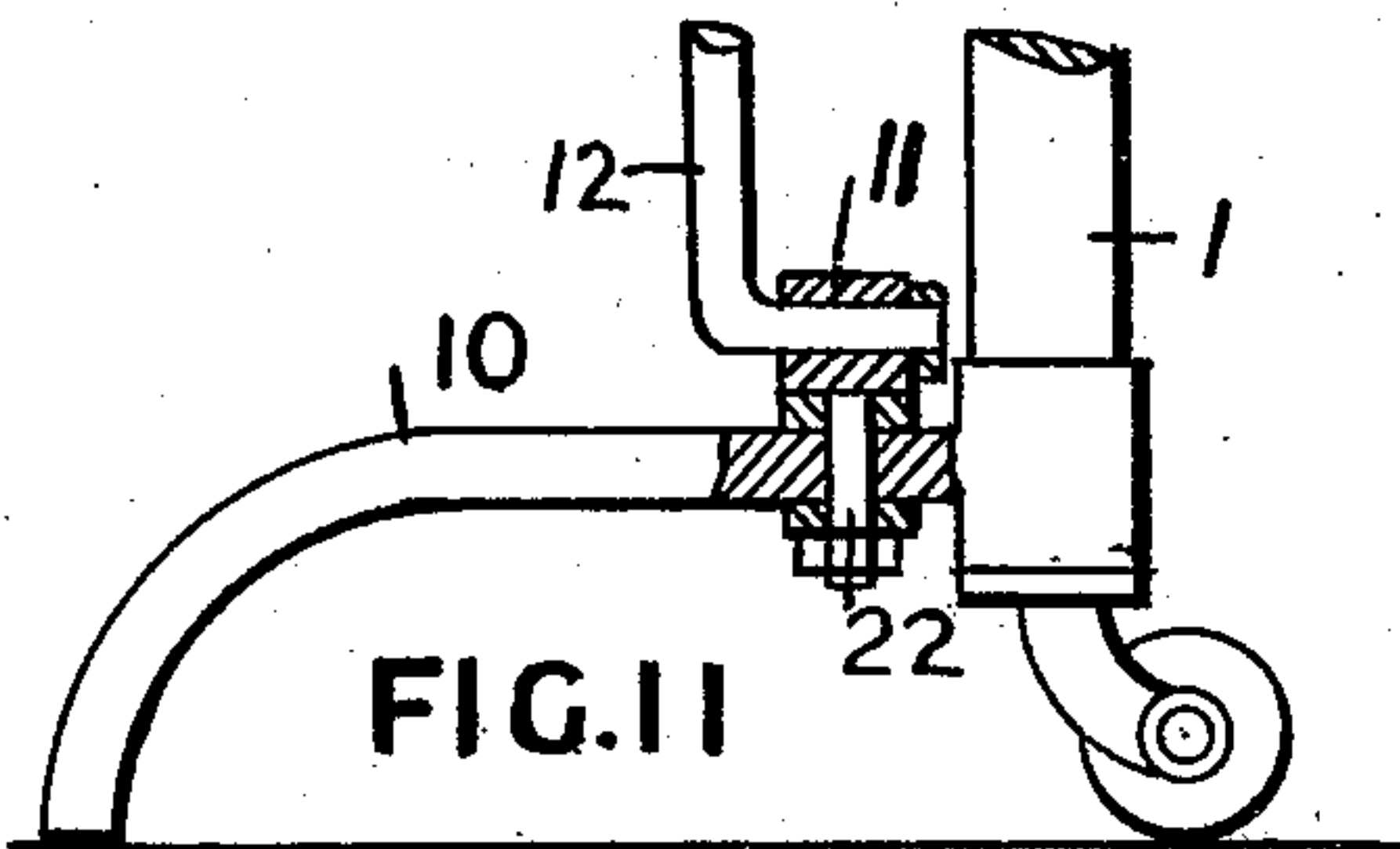


FIG. 11

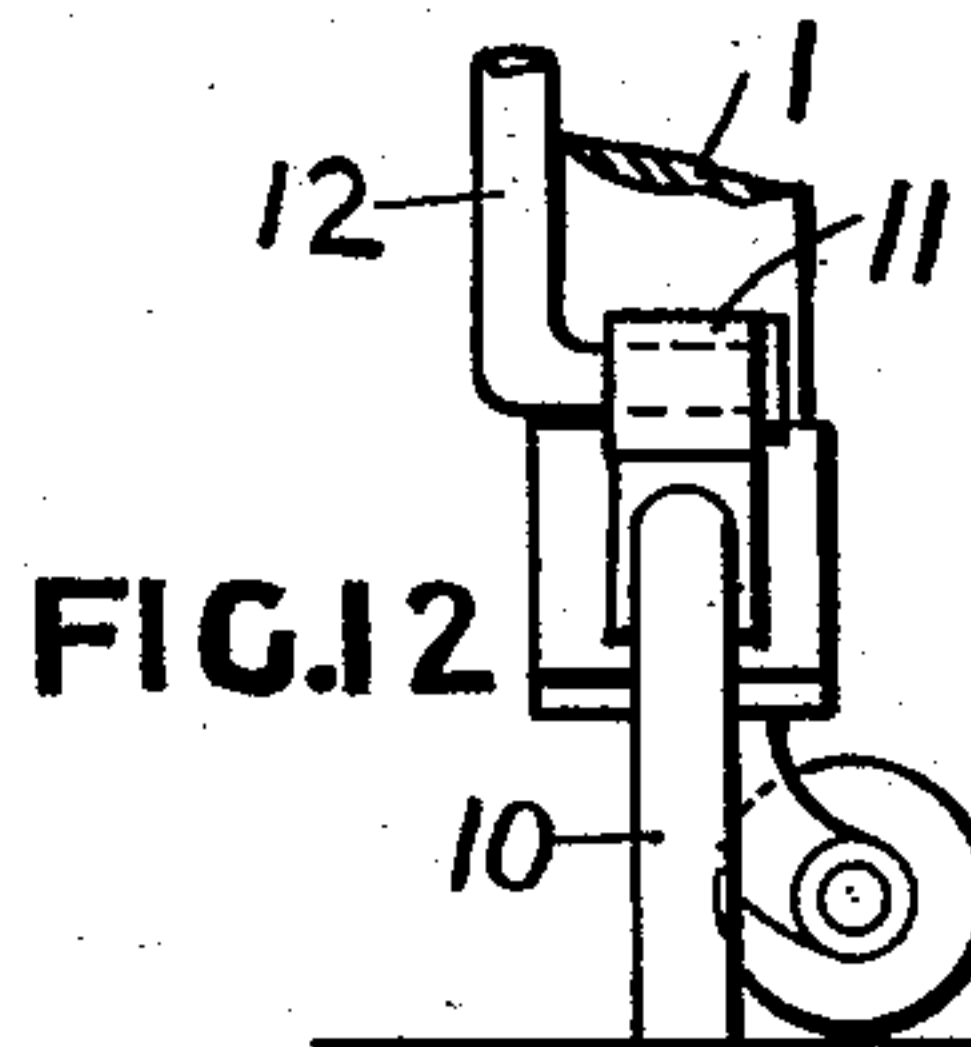


FIG. 12

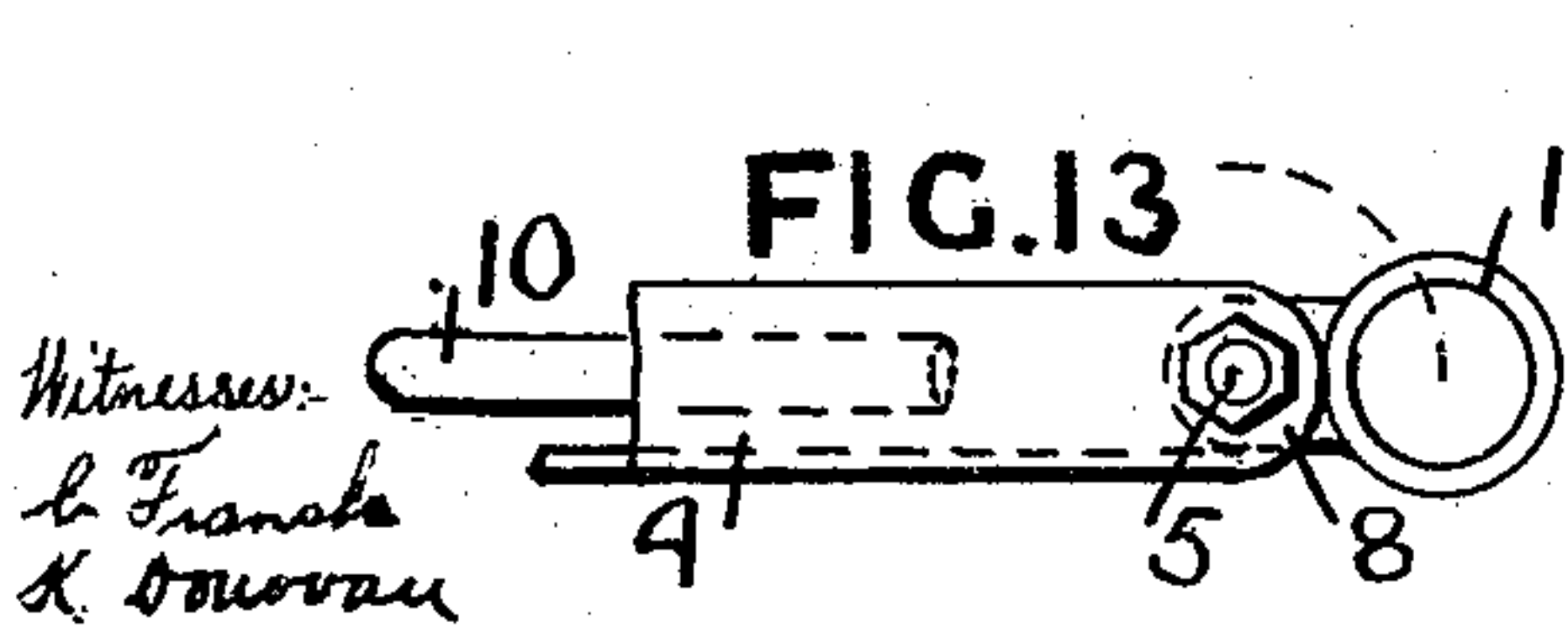


FIG. 13

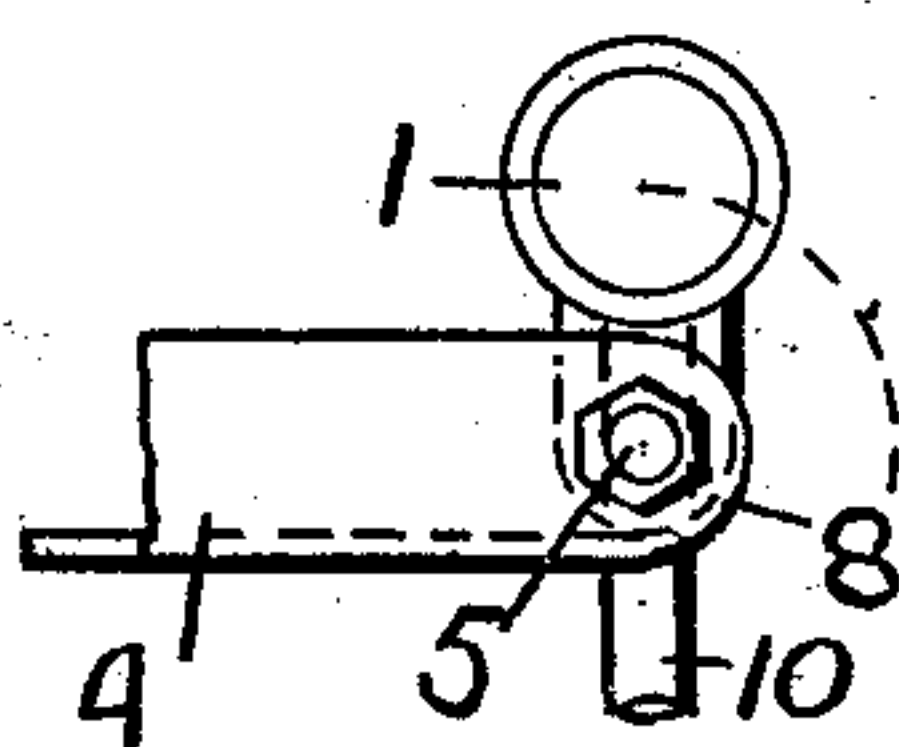


FIG. 14

Witnesses:
L. Frank
K. O'Connor

Inventor:-
George Brennan
by O'Connor
his Attorney

No. 860,188.

PATENTED JULY 16, 1907.

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FOLDING BEDSTEAD.
APPLICATION FILED DEC. 31, 1906.

3 SHEETS—SHEET 3.

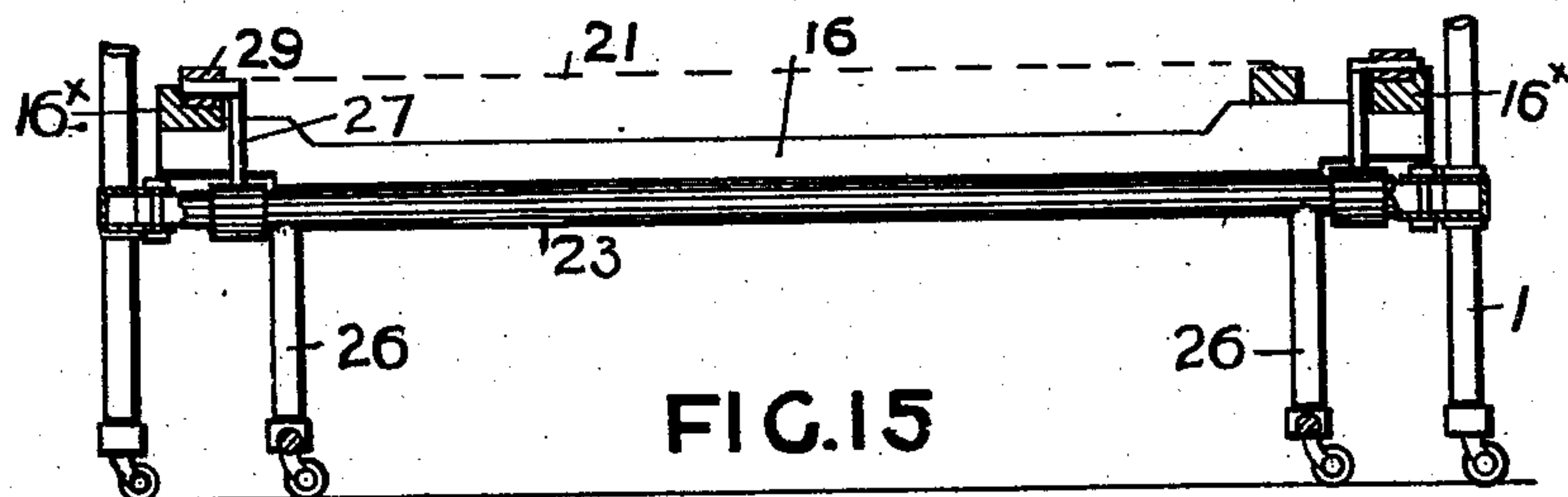


FIG. 15

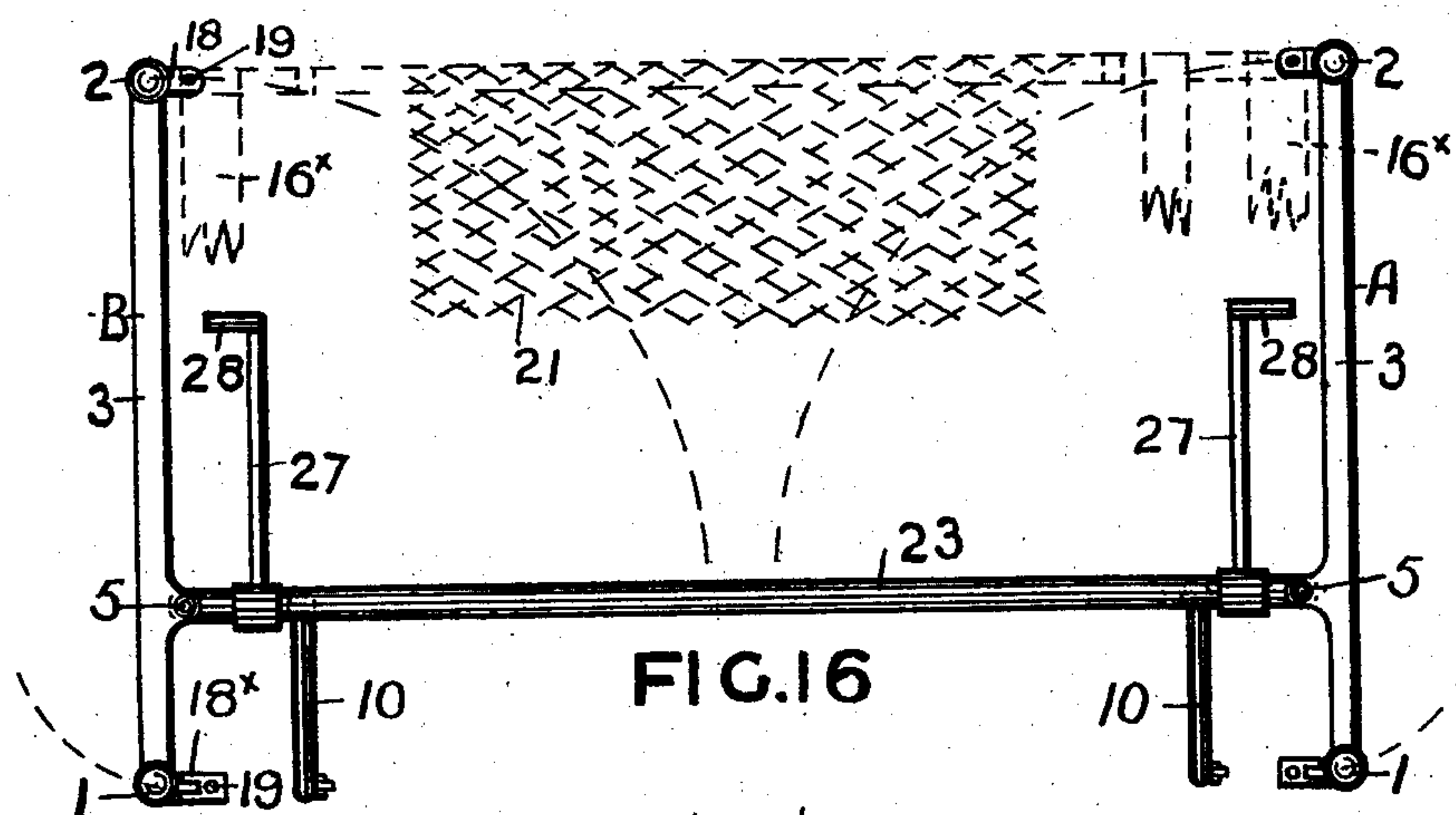


FIG. 16

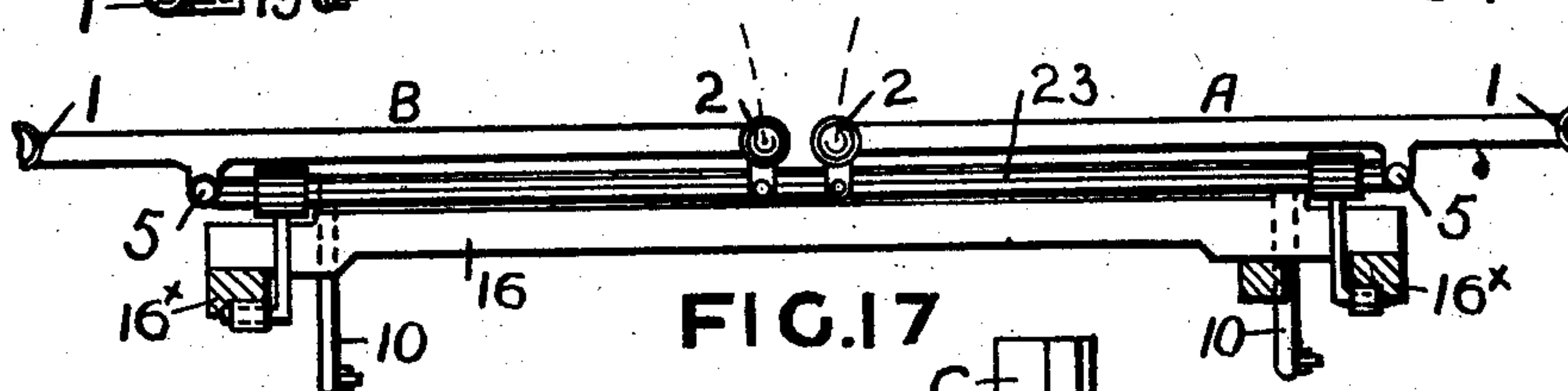


FIG. 17

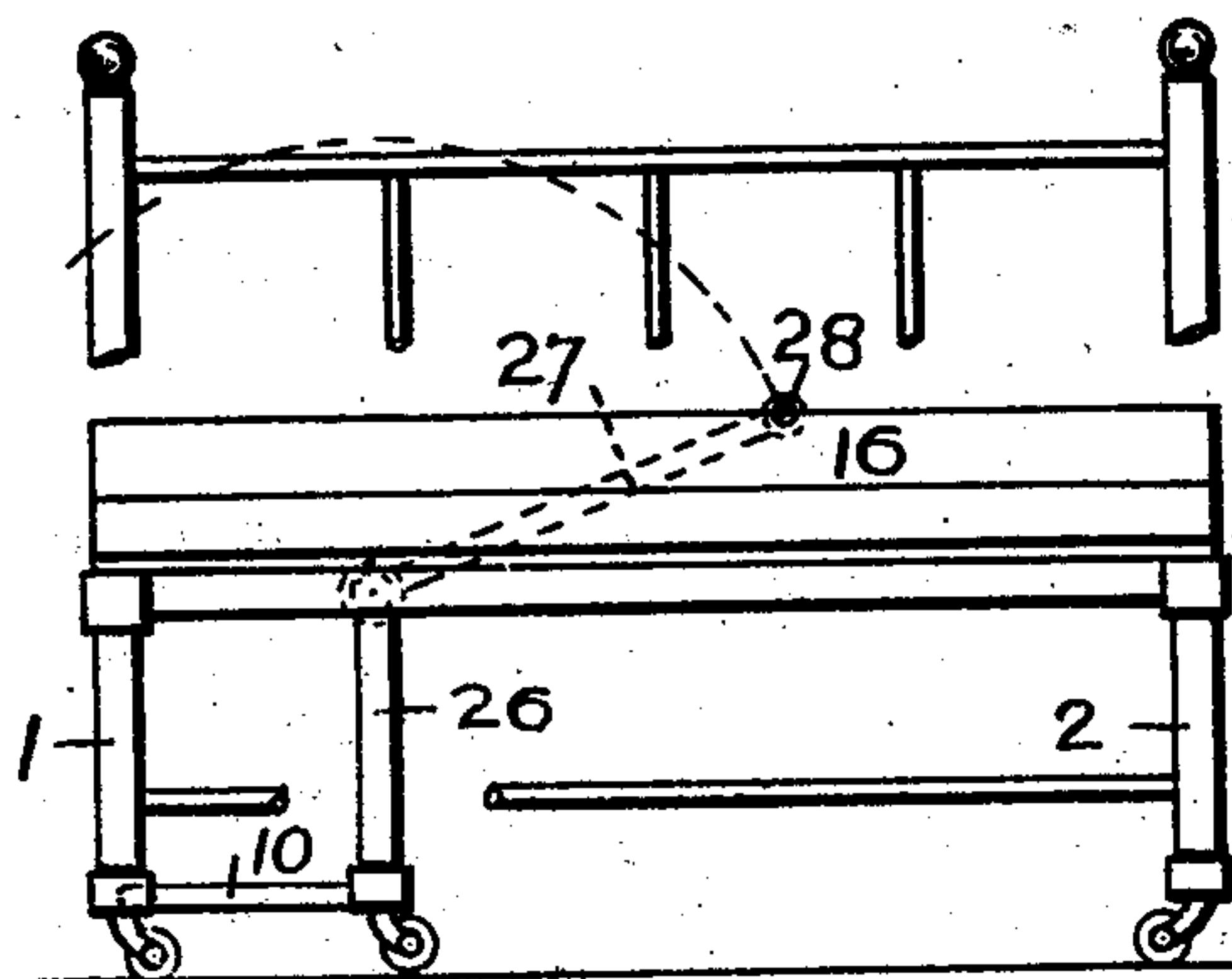


FIG. 18

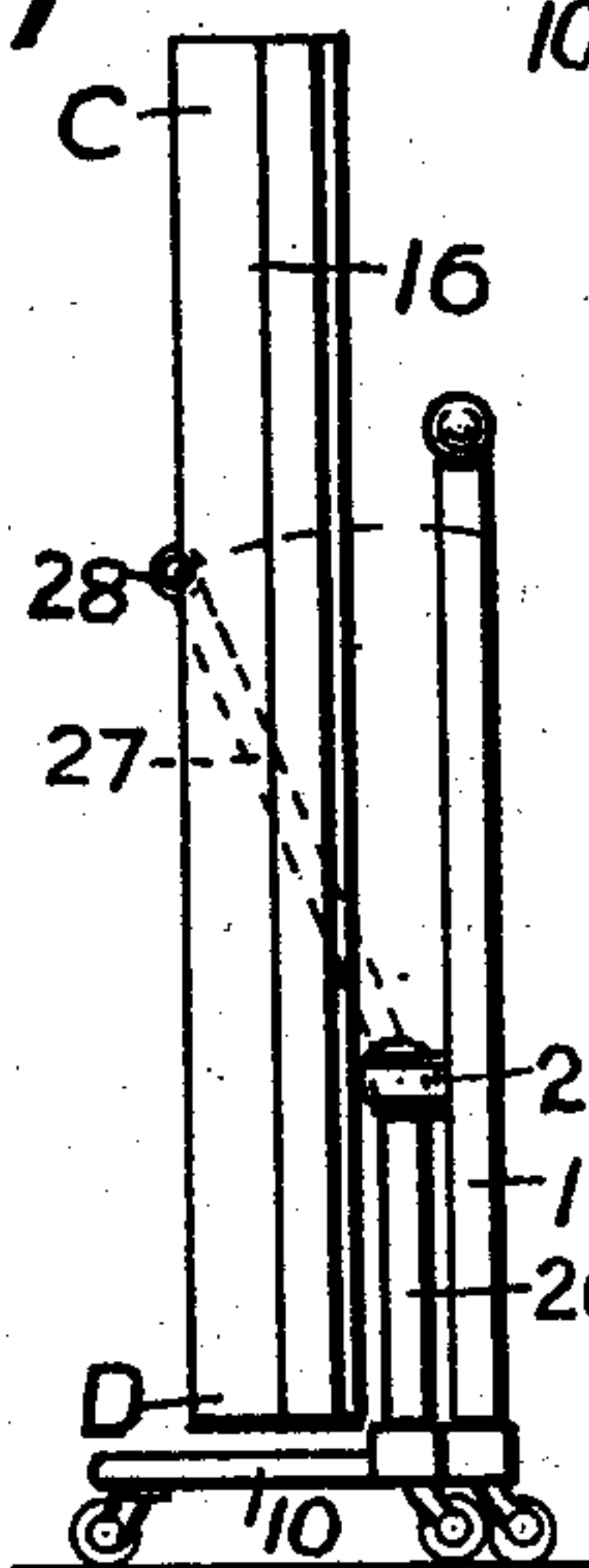


FIG. 19

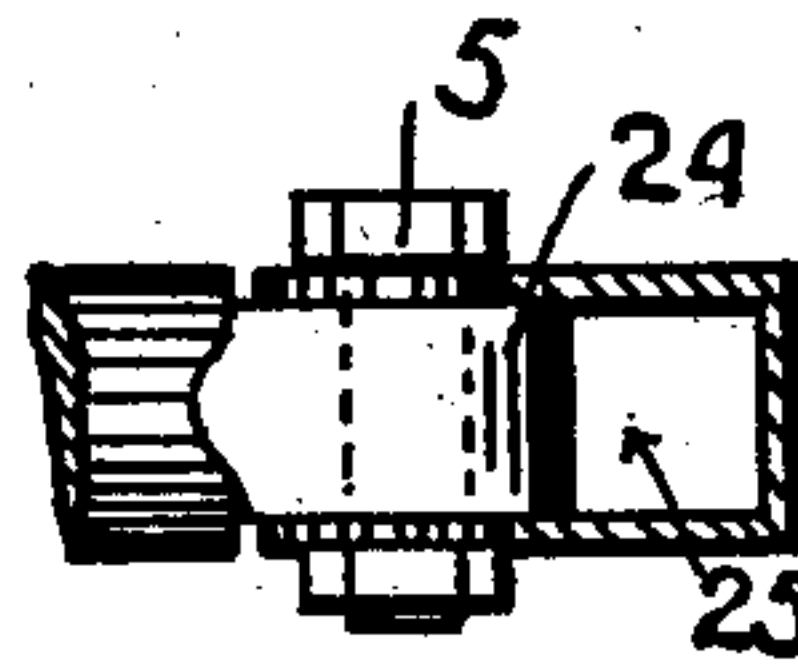


FIG. 20

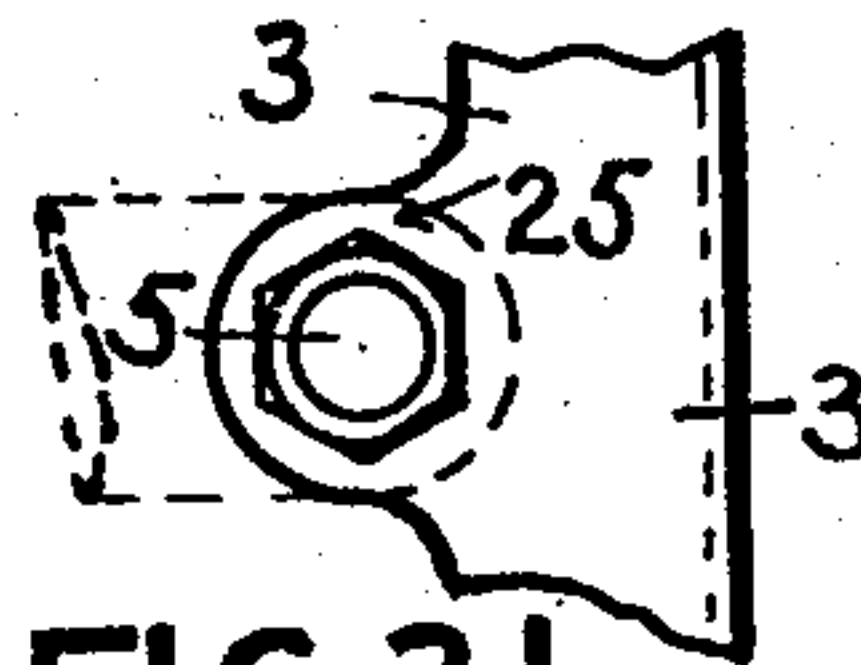


FIG. 21

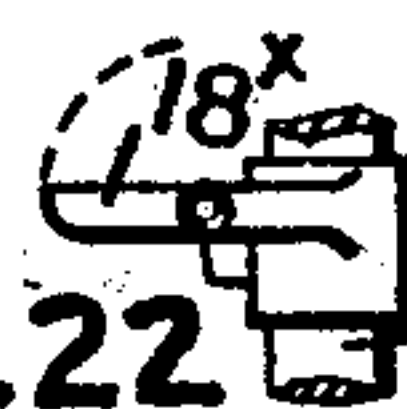


FIG. 22

Witnesses:
E. L. Franck.
Kathryn Donovan

Inventor
George Brennan
by O. L. ...
his Attorney

UNITED STATES PATENT OFFICE.

GEORGE BRENNAN, OF PETERSHAM, NEAR SYDNEY, NEW SOUTH WALES, AUSTRALIA.

FOLDING BEDSTEAD.

No. 860,188.

Specification of Letters Patent.

Patented July 16, 1907.

Application filed December 31, 1906. Serial No. 350,198.

To all whom it may concern:

Be it known that I, GEORGE BRENNAN, a subject of the King of Great Britain and Ireland, residing at Petersham, near Sydney, in the State of New South Wales, Commonwealth of Australia, have invented new and useful Improvements in Folding Bedsteads, of which the following is a specification.

This invention relates to bedsteads in which the construction permits of the ready folding up of the several parts of the bedstead and of the mattress frame with bedclothes thereon so as to allow of their being packed into small compass to permit of the floor space occupied thereby being utilized for other purposes when the bed is not in use.

Referring to the drawings:—Figure 1 is a side elevation of frame; the mattress frame being shown in section. Fig. 2 plan; portion of the wire of the wire mattress being broken away to show part of the frame work. Fig. 3 plan of bedstead frame showing similar view of hinging mechanism for mattress frame. Fig. 4 plan view of bedstead folded up when not in use, and Fig. 5 similar view of metal framework only. Fig. 6 end elevation of mattress frame partly tilted up; Fig. 7 end elevation of bedstead in partly folded position; Fig. 8 rear elevation of Fig. 7 portion of the posts and bars being broken away to show hinging mechanism more clearly; Fig. 9 detail drawn to enlarged scale showing mechanism for hinging the posts to connecting bar. Fig. 10 end view of same; Fig. 11 part side elevation and section of extension foot and hinge pivot thereon. Fig. 12 end view thereof; Fig. 13 plan of end of connecting bar attached to post; Fig. 14 similar view with post swung round to position occupied by it when the frame is in the folded position; Fig. 15 part elevation and part section of alternative construction. Fig. 16 plan of frame work of same; portion of the mattress being shown in dotted lines; Fig. 17 plan of bedstead in folded position; Fig. 18 end elevation, portion of framing being broken away; Fig. 19 end elevation showing bedstead in folded position; Fig. 20 side elevation of enlarged detail of coupling bar attachment to frame, and Fig. 21 plan of same; Fig. 22 side elevation of hinged supporting bracket shown to smaller scale.

In carrying out the invention the head and foot members A and B each comprising the bed posts 1 and 2 and the angle bar 3 with the extension foot piece 10 are connected by a longitudinal member or coupling bar 4 pivotally connected at 5 to lugs 6 fastened securely to the posts 1 at 7. This bar 4 is made preferably of angle iron, a jaw 8 being formed at either end by casting or welding a lower flange 9 thereon, thereby allowing the pivot pin 5 to take a firm seating in the longitudinal member or bar 4. Securely fastened to each post 1 is an extension foot 10 upon which is mounted a swivel socket 11—Figs. 7, 11 and 12 into which is journaled the hinge bar 12 the upper end of which is

secured to the rod 13. This rod is journaled at either end in brackets 14 fastened at 15 to the head and foot pieces 16 of an ordinary wire mattress frame, made of wood or iron, 16. Rigidity is given to the hinge bar 12 by a diagonal support 17. The posts 2 are secured to the posts 1 by angle bars 3 and are furnished with brackets 18 adapted to support the weight of one side of the mattress frame 16. They are provided with holes 19 adapted to engage the locking pins 20—Figs. 6 and 7—on the mattress frame and so secure rigidity of the parts when the mattress is folded down for use.

21 indicates the spring mattress.

As shown in Fig. 4 the side C of the mattress frame is tilted upwards as shown in Fig. 6 until it assumes the perpendicular position shown in Fig. 7. The head and foot members comprising the posts 1 and 2 the bars 3 and extension feet 10 pivoted at 5 are swung inwardly as shown by dotted lines on Fig. 3 onto the longitudinal member or coupling bar 4. At the same time the swivel sockets 11 into which are journaled the ends of the hinge bars 12 and which are secured to the feet 10 move on their pivots 22 and so adapt themselves to the altered position of the extension feet 10. To permit of accurate movement of the hinging parts the swivel pivot 22 must be in the same vertical line as the pivot center 5. When the frame 16 is thrown up into position as shown in Fig. 7 its perpendicular position is secured by the hinge bars 12 and 17 bearing against the longitudinal member 4. The feet 10 provide sufficient support to prevent overturning. To retain the bedclothes in position on the mattress frame they are secured thereto by straps drawn across the top covering and buttoned to both sides of the mattress frame. To unfold the mattress for use the head and foot members are drawn apart as shown in Figs. 2 and 3, the mattress frame 16 is tilted downwards until its edge D rests upon the longitudinal member or bar 4 and its edge C bears upon the brackets 18. The locking pins 20 engaging with the holes 19 firmly hold the bedstead frame in position.

In the modification shown in Figs. 15 to 22 the folding framework is adapted for use when a wide or "double bed" is required in which case the bars or members 3 securing the posts 1 and 2 together are hinged to the longitudinal member 23 at a point situated between the two posts which will permit of these members with their posts being readily folded to it. In place of the angle bar 4 shown in the preceding figures the member 23 is formed from a round rod tube or pipe and the ends 24 are formed to take into the jaws 25 on the angle bars 3 and pivoted at 5. The longitudinal member 23 is formed with subsidiary posts 26 upon which are secured extension feet 10. The bars 27 are journaled on the member 23 and if found necessary they may be reinforced by diagonal pieces similarly journaled. It is formed at its upper end with an overhanging pin 28 which journals at 29 to the cross bars 16 on the mat-

tress frame 16. Brackets 18^x and 18 provided with
 locking holes 19 are formed on the posts 1 and 2 respec-
 tively, the latter being hinged as shown in Fig. 22 to
 permit of its tilting up to allow the mattress frame 16 to
 5 pass it when being folded into position. The operation
 of folding away the mattress and bedstead in this modi-
 fication is similar to that described in reference to Figs.
 1 to 11, the head and foot members moving on their piv-
 ots 5 being drawn together as shown by dotted lines in
 10 Fig. 16, the shorter end of each member being thrown
 outward until they occupy the position shown in Fig.
 17. In this case the extension feet 10 support the
 weight of the mattress frame when placed vertically as
 shown in Fig. 19.
 15 To fold down the mattress frame for use, the head and
 foot members are drawn apart as shown in Fig. 16, the
 mattress frame is then tilted down into position—the
 hinged brackets 18^x on the posts 1 allowing the frame to
 pass—until it rests upon the brackets 18 and 18^x the
 20 pins 20 taking into their respective holes 19 in those
 brackets.

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

1. A folding bedstead comprising two members—a head
 25 and a foot—each pivotally attached at one end to a longi-
 tudinal member and adapted to fold to it, mechanism for

hinging the mattress frame to the head and foot members
 consisting of bars or rods the ends of which are journaled
 to the mattress frame and the bedstead frame, substan-
 tially as described.

2. In a folding bedstead, the combination with a longi-
 tudinal member, of head and foot members pivoted thereto,
 foot extensions associated with said head and foot mem-
 bers, bars journaled in said foot extensions, and a longi-
 tudinal member connecting said bars and providing a
 support for a mattress frame, substantially as described.

3. In a folding bedstead, the combination with a longi-
 tudinal member, of head and foot members pivoted thereto,
 upwardly extending bars or rods connected by a longi-
 tudinal member, a bracket mounted at each end of said
 last mentioned longitudinal member, and a mattress frame
 adapted to be held by said brackets, substantially as
 described.

4. In a folding bedstead, the combination with a longi-
 tudinal member, of head and foot members pivoted thereto,
 foot extensions secured to said head and foot members,
 bars or rods pivotally mounted in said foot extensions,
 said bars or rods being connected by a longitudinal mem-
 ber, a mattress frame, and brackets having pivotal action
 on said last mentioned longitudinal member and being
 secured to said mattress frame, substantially as described.

In testimony whereof I have signed my name to this
 specification in the presence of two subscribing witnesses.

GEORGE BRENNAN.

Witnesses:

C. G. HEPBURN,
 W. J. DAVIS.