

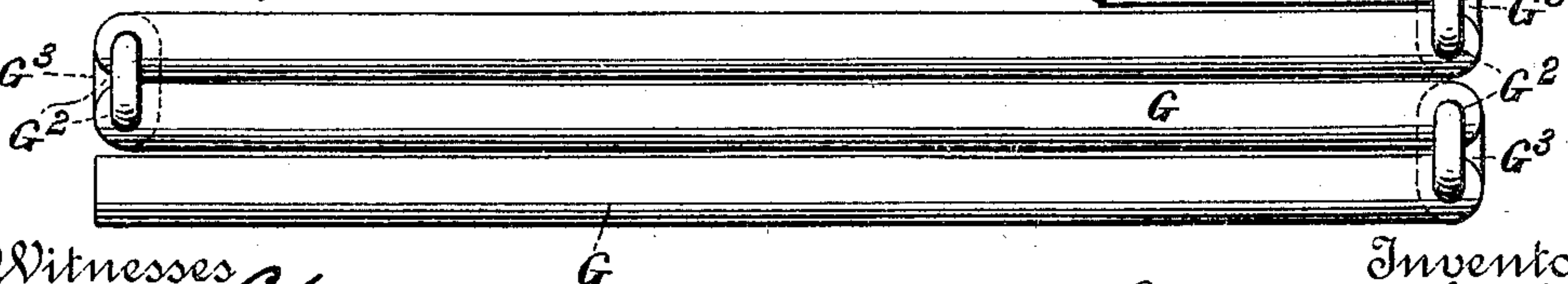
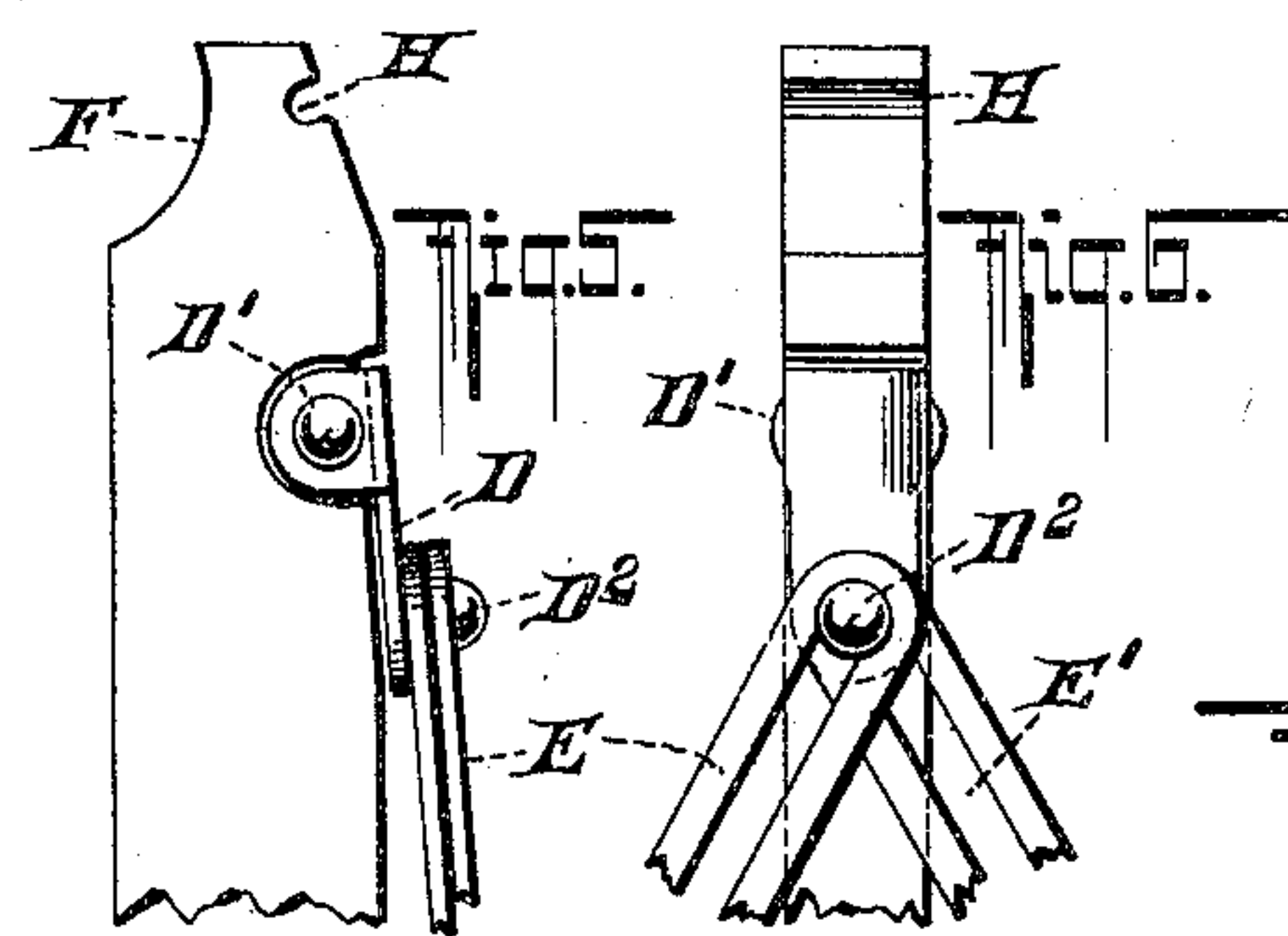
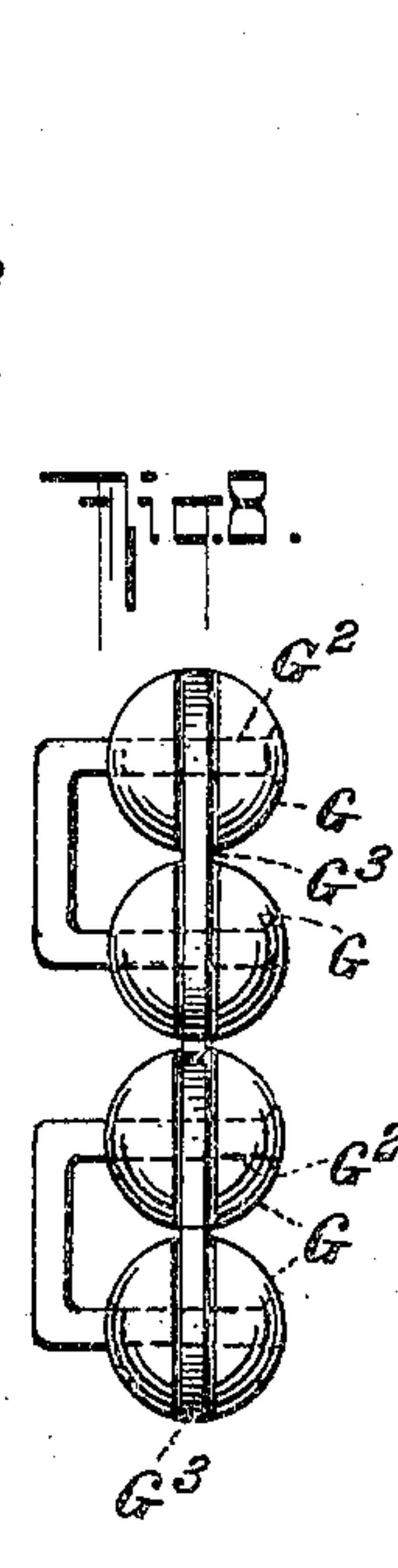
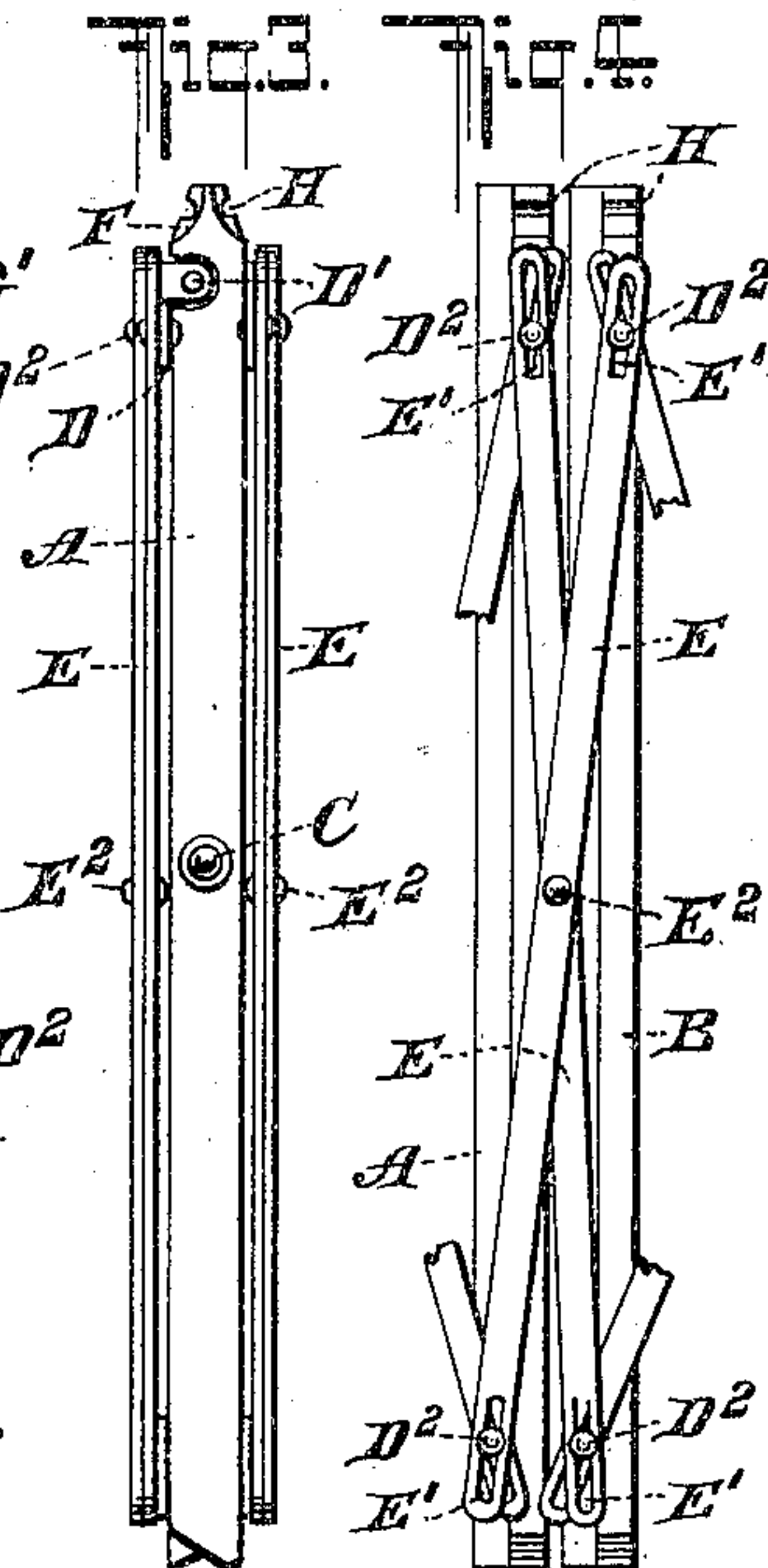
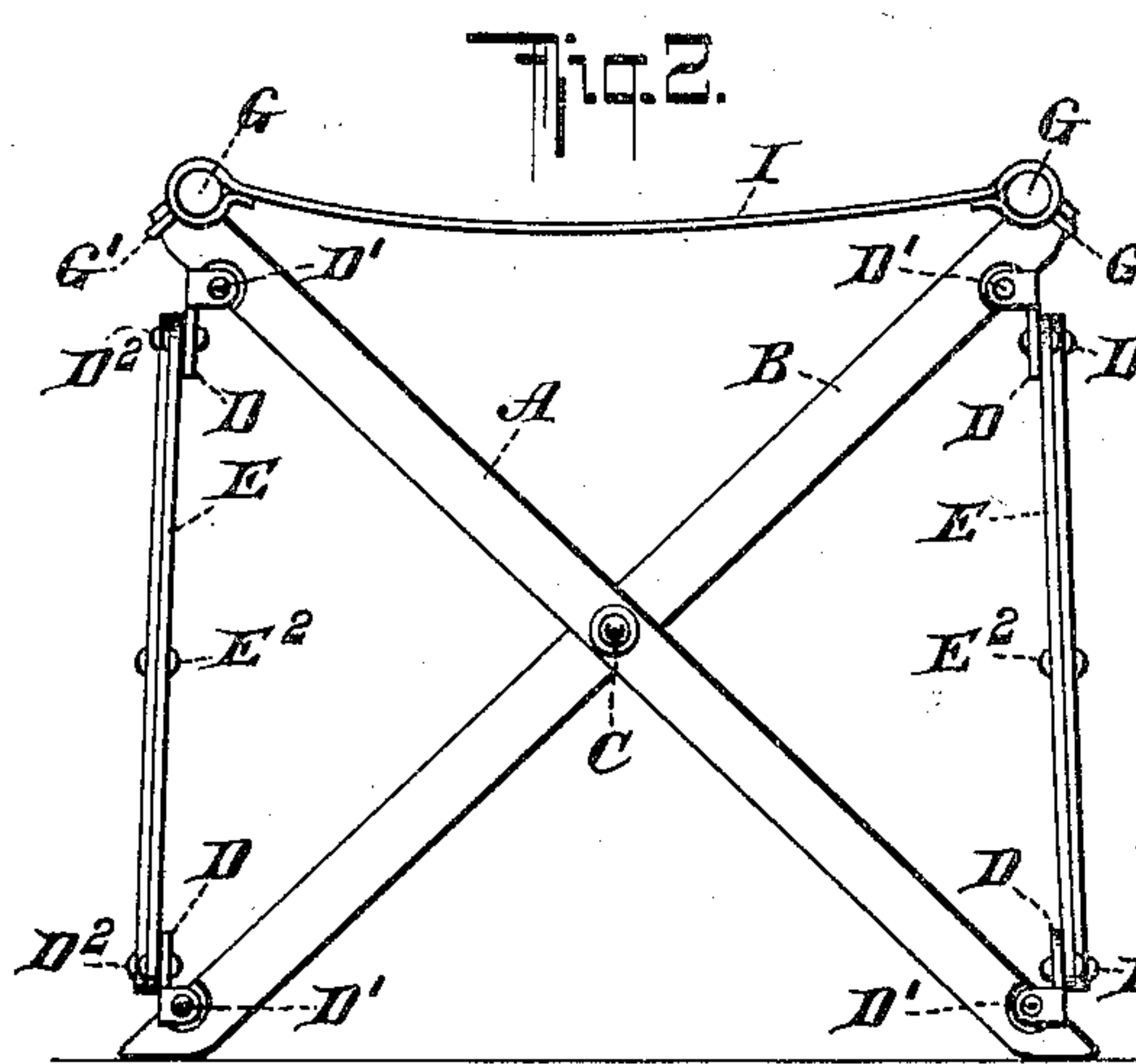
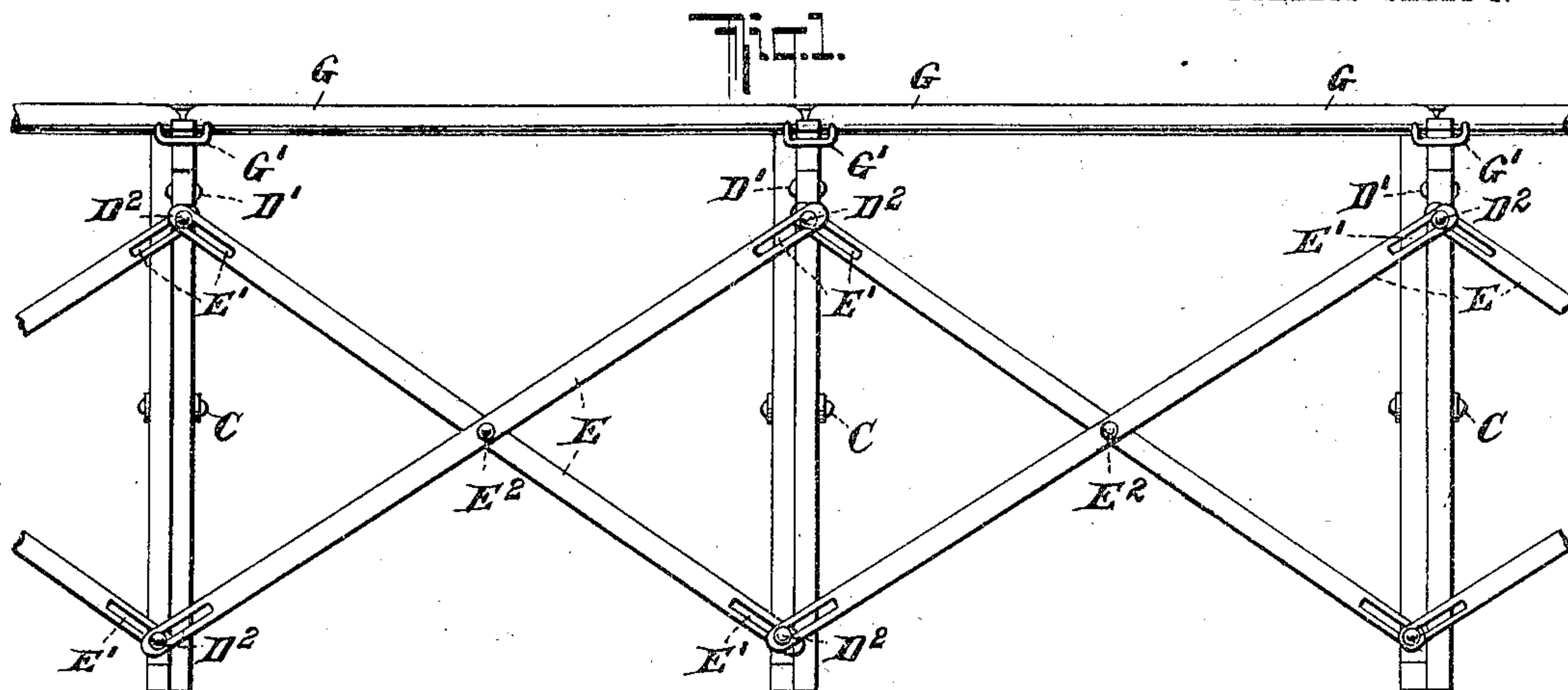
No. 793,723.

PATENTED JULY 4, 1905.

R. L. HERMAN.  
FOLDING COT.

APPLICATION FILED AUG. 17, 1904.

2 SHEETS—SHEET 1.



Witnesses  
*Julius H. Lutz*  
*John Lotka*

Inventor  
*Raymond L. Herman*  
By *Biesen & Thau*  
Attorneys

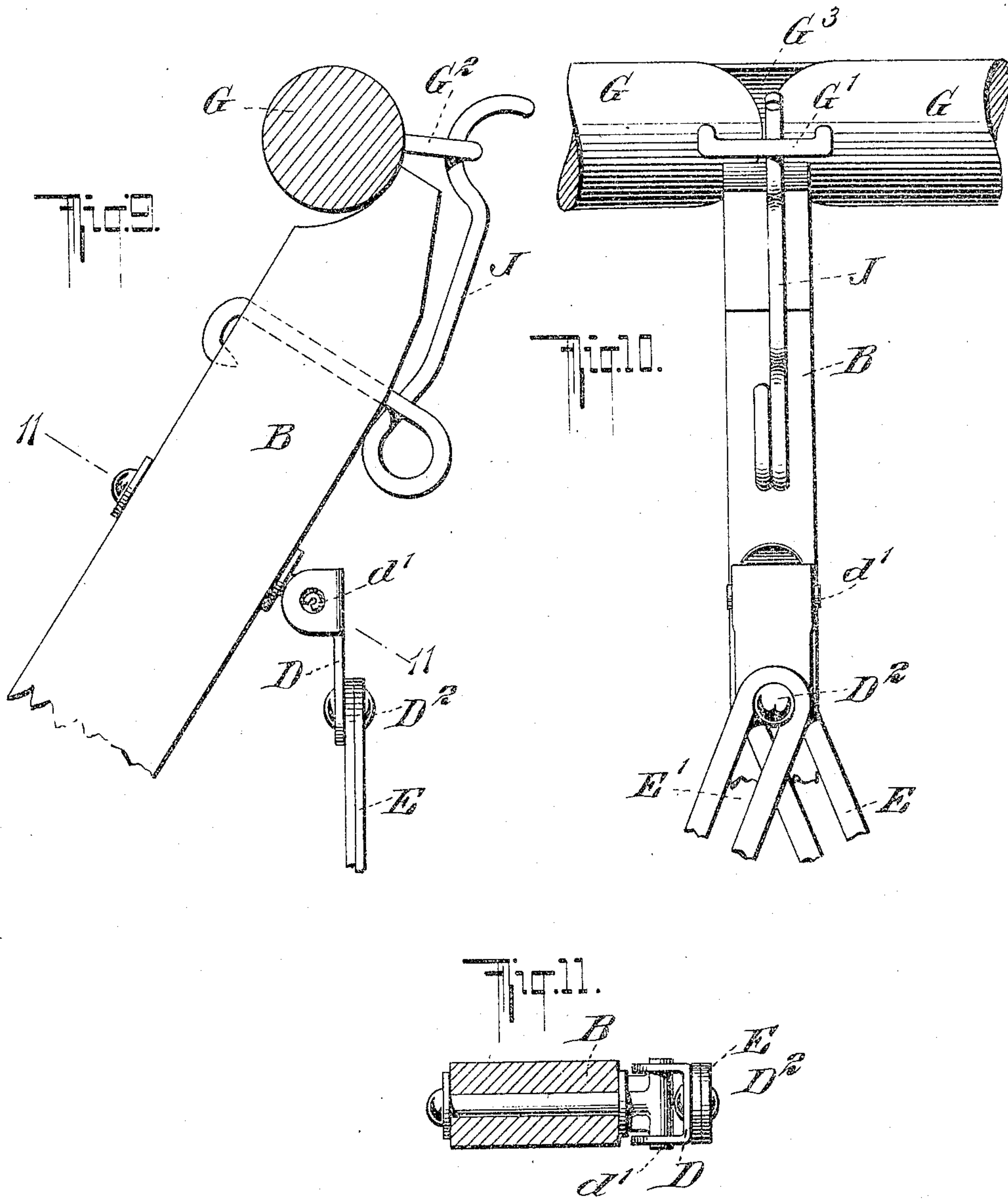
No. 793,723.

PATENTED JULY 4, 1905.

R. L. HERMAN.  
FOLDING COT.

APPLICATION FILED AUG. 17, 1904.

2 SHEETS—SHEET 2.



Witnesses  
*Julius B. Huber*  
*John Lotka*

By

Inventor  
*Raymond L. Herman*  
Attorneys  
*Brisson & Knauth*



# UNITED STATES PATENT OFFICE.

RAYMOND L. HERMAN, OF NEW YORK, N. Y., ASSIGNOR TO THE TELESCOPE COT BED CO., OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

## FOLDING COT.

SPECIFICATION forming part of Letters Patent No. 793,723, dated July 4, 1905.

Application filed August 17, 1904. Serial No. 221,005.

*To all whom it may concern:*

Be it known that I, RAYMOND L. HERMAN, a citizen of the United States, and a resident of the borough of Manhattan, city, county, and State of New York, have made certain new and useful Improvements in Folding Cots, of which the following is a specification.

My invention relates to folding cots, and has for its object to provide a simple, strong, and durable structure of the above-indicated character in which provision is made for keeping the top stretched at all times.

The invention will be fully described hereinafter and the features of novelty pointed out in the appended claims.

Reference is made to the accompanying drawings, in which—

Figure 1 is a partial side elevation of a cot embodying my invention. Fig. 2 is an end view thereof. Fig. 3 is an end view of the cot-frame folded. Fig. 4 is a partial side view of the cot-frame in its folded position. Figs. 5 and 6 are enlarged detail views showing one of the legs and the braces connected therewith in end view and side view, respectively. Fig. 7 shows the top in folded condition. Fig. 8 is an end view of Fig. 7. Fig. 9 is a detail elevation showing a slightly-different manner of supporting the top. Fig. 10 is a side elevation of the parts shown in Fig. 9, and Fig. 11 is a cross-section on line 11 11 of Fig. 9.

The cot comprises two folding portions—to wit, the folding frame and the folding top. These portions are adapted for detachable connection.

The cot-frame comprises the legs A B, arranged in pairs and pivotally connected at C, so that they can be folded together, as in Fig. 3, or opened into X shape, as in Fig. 2. Each of these legs has connected therewith adjacent to its ends a bracket D, pivoted at D', and each of the brackets carries a pin D<sup>2</sup>, projecting substantially perpendicular to the direction of the pivots C and D', which are parallel with each other. The pins D<sup>2</sup> project into longitudinal slots E', provided at the ends of braces E, arranged in pairs and pivoted together at E<sup>2</sup>. It will be seen from Figs. 1 and 4 that these braces are slotted at both ends

and extend lengthwise of the cot, while the legs or horses A B extend transversely.

It will be understood that the cot-frame above described can be readily folded both lengthwise and crosswise into a very compact structure, as shown in Figs. 3 and 4.

At their upper ends the legs A B are provided upon the inside with curved seats F, adapted to receive the round bars G, which form the sides of the top. Between each two rods or bars G, I provide a joint, consisting of pivot-pins G<sup>2</sup>, which are horizontally arranged, as shown in Figs. 1 and 7, and connecting-plates G<sup>3</sup>, which extend into the forked ends of the rods G and are capable of swinging on the pins G<sup>2</sup>. The pivot-pins G<sup>2</sup> form the parallel end members of U-shaped connecting pieces or links, the central portions of which, G', are adapted to be hooked into recesses H, provided on the outside of each leg A B. The connecting-plates G<sup>3</sup> may be omitted, if desired; but the construction will be stronger when these connecting-plates are used.

With the construction above described the bars G can be readily attached to or detached from the cot-frame, and the whole top, consisting of said bars and of a canvas or other sheet I, can be readily folded in the manner illustrated by Figs. 7 and 8.

In addition to being readily folded my improved cot presents the advantage that on account of the employment of slotted braces the legs A B will automatically spread in case the top should sag, so that the cot would always be in the proper serviceable condition. The use of the hinged brackets D also facilitates the movement of the braces both in the operative position of the device and during the folding or opening of the same.

The construction shown in Figs. 9, 10, and 11 differs from that described above only in the manner of supporting the top and of connecting the brackets D with the legs. The central member G' instead of fitting into a recess on the leg is engaged with a spring support or hook J, secured to the leg B. This elastic attachment makes the cot more comfortable. The bracket D instead of em-



bracing the leg has its side lugs pivotally mounted on a pin  $d'$ , projected laterally at the end of a bolt  $d$ , passing through the leg B. This construction is stronger than the one first  
 5 described, particularly as it does not weaken the leg B by driving the pivot through it near its edge.

Various modifications may be made without departing from the nature of my invention.

10 The recesses H in the construction shown in Figs. 1 to 6 and the spring supports or hooks J in the structure illustrated by Figs. 9 and 10 constitute holding members adapted to be engaged by the central portions  $G'$  of the con-  
 15 necting-links.

What I claim as new, and desire to secure by Letters Patent, is—

1. A folding cot comprising pivotally-connected pairs of legs or horses provided with  
 20 seats and with holding members, a folding top provided with side bars made in sections and U-shaped links connecting said sections, the ends of said U-shaped links forming pivots for said sections and the central portions of  
 25 said U-shaped links being arranged to engage the holding members on the said legs or horses, while the side-bar sections engage said seats.

2. A folding cot comprising a series of pivotally-connected legs, pivotally-connected  
 30 braces which are pivotally connected with said legs, the pivotal connection of the braces with the legs being of the pin-and-slot type, and a top carried by said legs.

3. A folding cot comprising pivotally-connected legs, brackets secured to said legs adjacent to their ends to swing about axes parallel to the connecting-pivots of the legs, pivotally-connected braces each having a pin-and-slot connection at both ends with said  
 40 brackets, and a top carried by the legs.

4. A folding cot comprising pivotally-connected pairs of legs or horses provided with seats and with holding members, a folding top provided with side bars made in sections, U-shaped links connecting said sections, the  
 45 ends of said U-shaped links forming pivots for said sections and the central portions of said U-shaped links being arranged to engage the holding members on the said legs or horses, while the side-bar sections engage  
 50 said seats, and plates connecting the pivot-forming portions of the links.

5. A folding cot comprising pivotally-connected pairs of legs provided at their upper ends with seats and with elastic holding mem-  
 55 bers, and a top having side bars adapted to engage said seats and projections adapted to engage said holding members.

In testimony whereof I have signed my name to this specification in the presence of two sub-  
 60 scribing witnesses.

RAYMOND L. HERMAN.

Witnesses:

JOHN A. KEHLENBECK,  
 JULIUS H. LUTZ.