

(No Model.)

A. H. GINLEY.  
KNOCKDOWN FURNITURE.

No. 585,667.

Patented July 6, 1897.

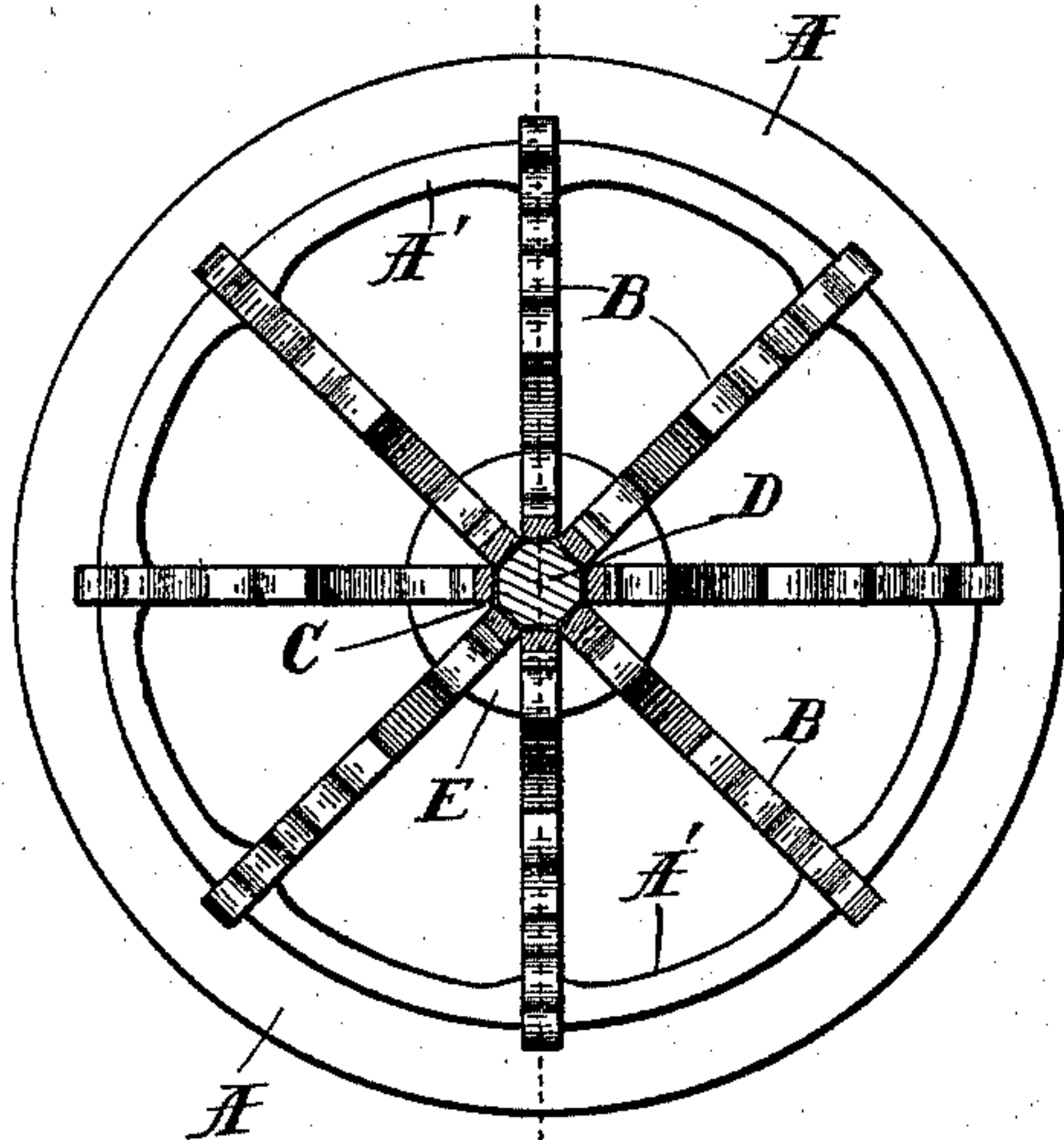
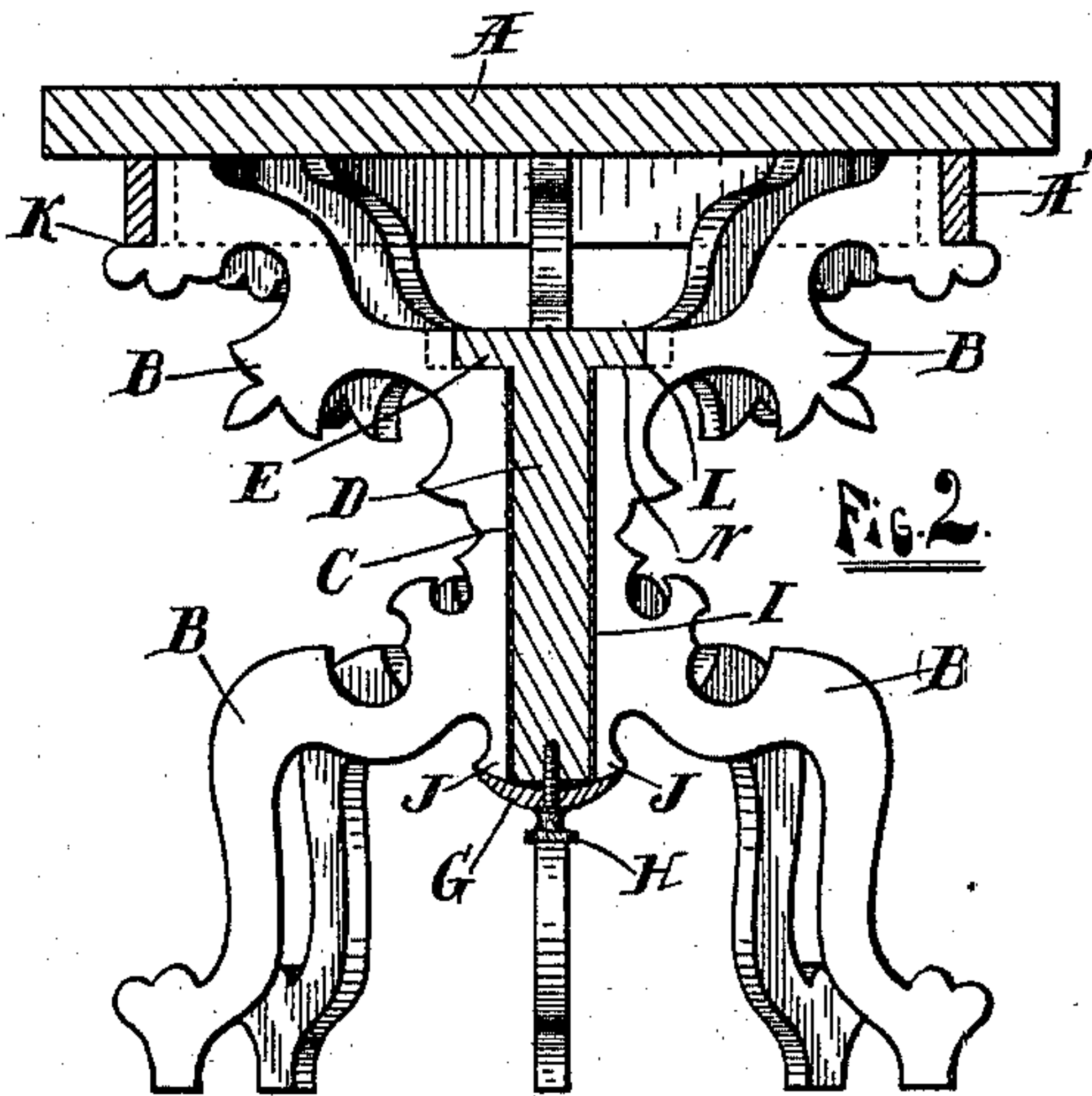
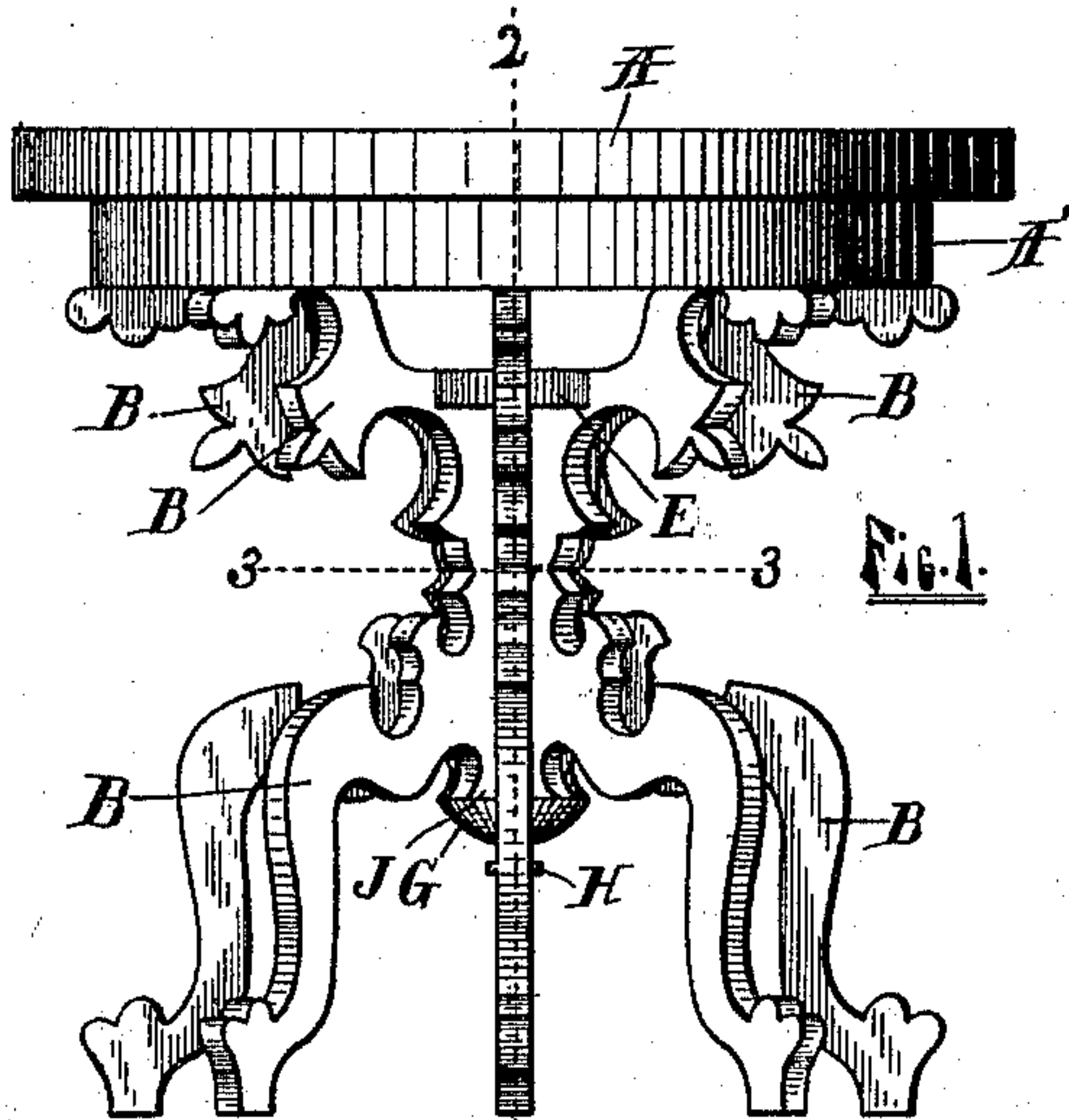


Fig. 3.

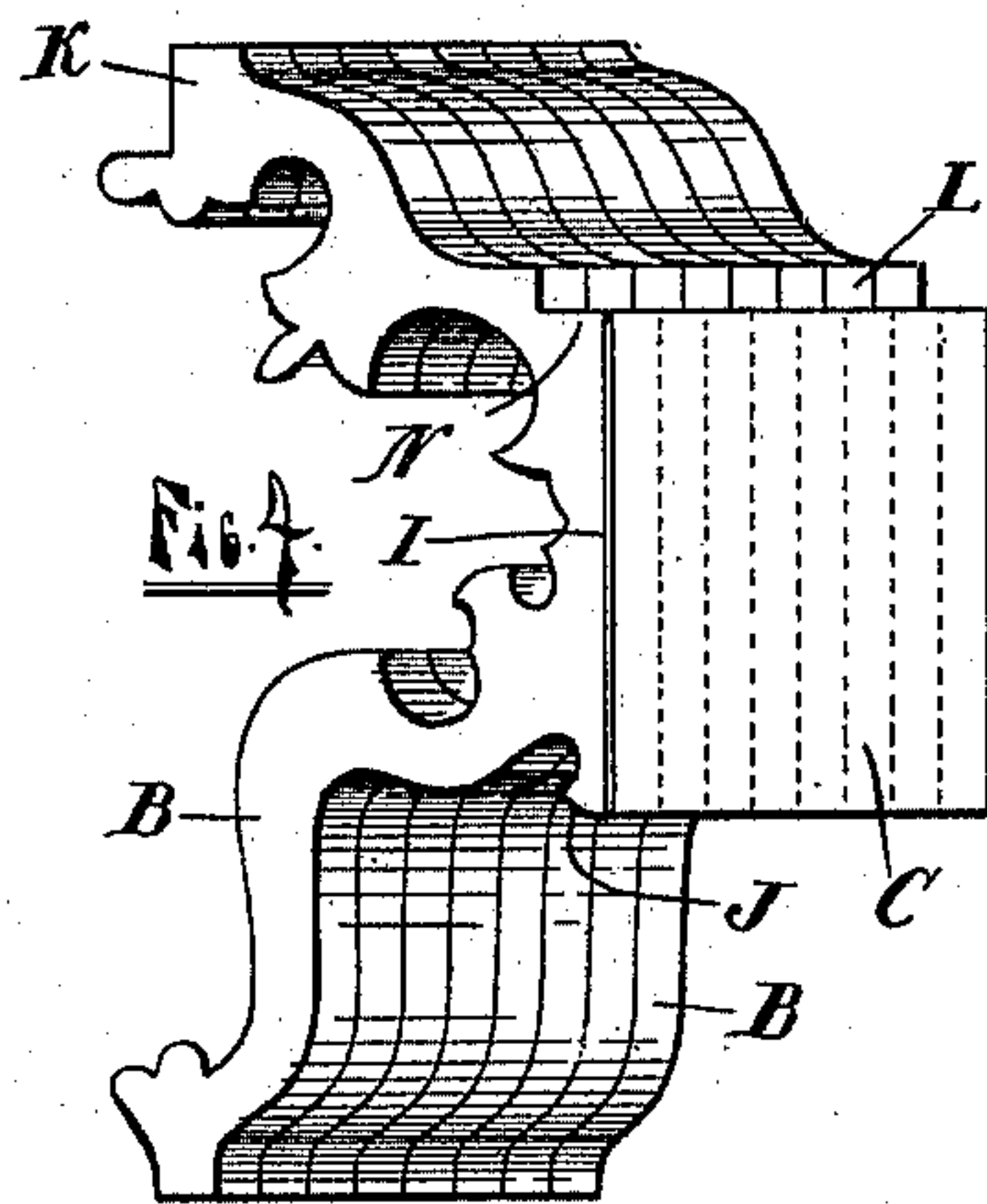


Fig. 4.

Fig. 6.

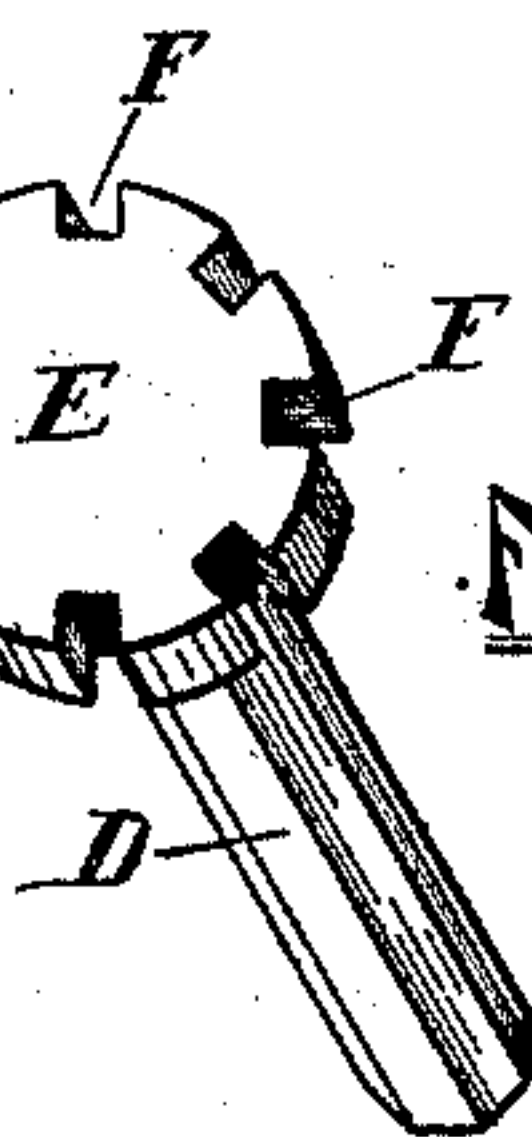
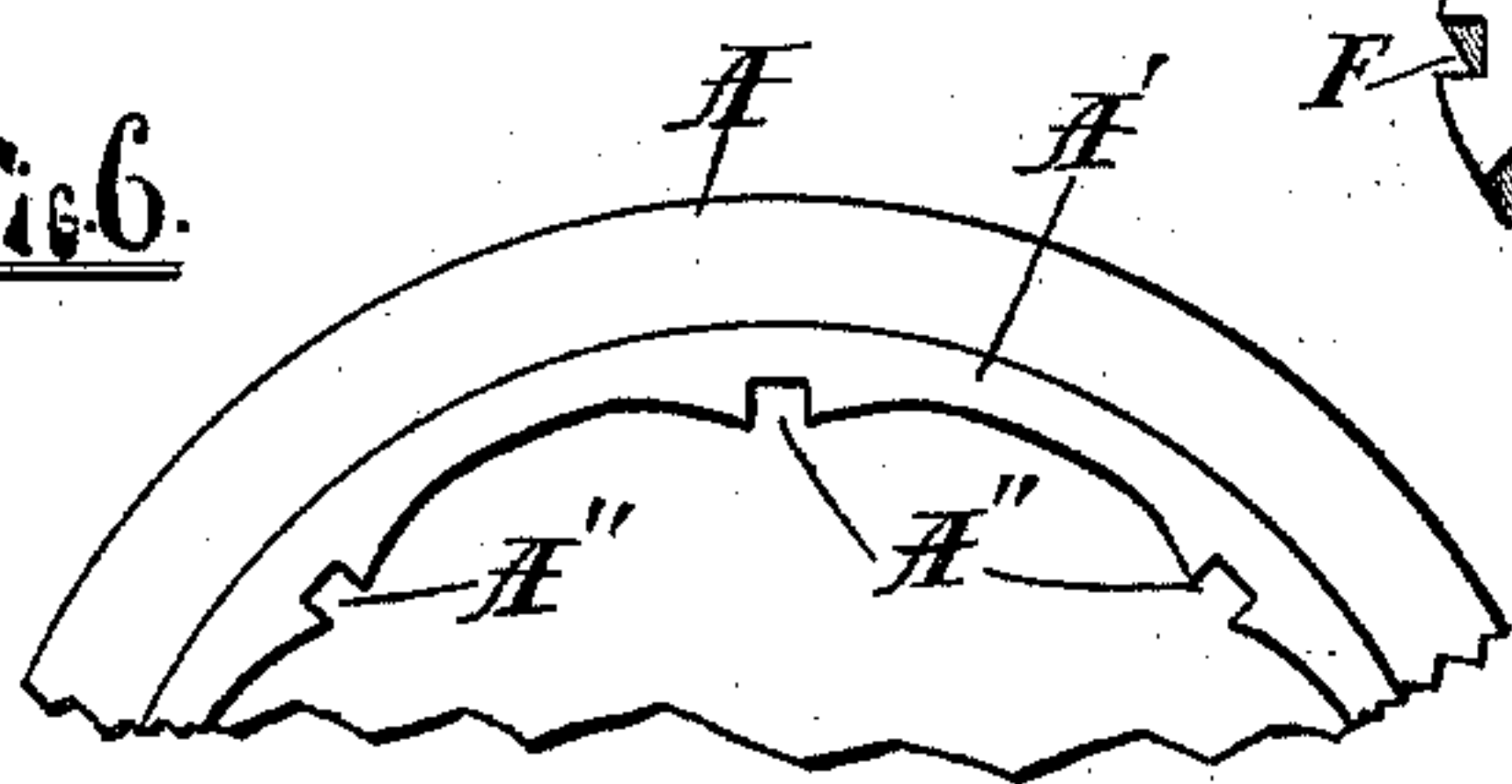


Fig. 5.

WITNESSES:

J. N. Parker  
L. M. Moulton

INVENTOR:

Arthur H. Ginley  
By  
Moulton & Flanders  
Attorneys.



# UNITED STATES PATENT OFFICE.

ARTHUR H. GINLEY, OF GRAND RAPIDS, MICHIGAN, ASSIGNOR OF ONE-HALF TO MALCOLM C. SINCLAIR, OF SAME PLACE.

## KNOCKDOWN FURNITURE.

SPECIFICATION forming part of Letters Patent No. 585,667, dated July 6, 1897.

Application filed December 9, 1896. Serial No. 614,985. (No model.)

*To all whom it may concern:*

Be it known that I, ARTHUR H. GINLEY, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Knockdown Furniture; and I do hereby 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.

My invention relates to improvements in that class of furniture known as "knock-down" and which is adapted to be readily taken apart for packing, shipping, and storing and put together again for use; and its object is to provide the same with certain new and useful features, hereinafter more fully described, and particularly pointed out in the claims, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of a device embodying my invention; Fig. 2, a vertical section of the same on the line 2 2 of Figs. 1 and 3; Fig. 3, a horizontal section of the same on the line 3 3 of Fig. 1, showing the upper part inverted; Fig. 4, a detail of the legs folded; Fig. 5, a detail of the center post detached; and Fig. 6, a broken detail of the top, showing the flange of the same.

Like letters refer to like parts in all of the figures.

A represents the top of any table, stand, or other article of furniture, which top is supported upon a series of radial legs B of any convenient number and design. These legs approach a common center near the middle portion and are there provided with parallel vertical faces connected or hinged to each other, preferably by a piece of strong canvas C or other suitable material, glued or otherwise secured to the said faces.

D is a polygonal center post having as many sides as there are legs, each side thereof being equal in area to the face I of each of the legs B. Said post is also provided at the top with a flange E, having recesses F in its periphery to engage the angles L of the legs B, which legs also terminate in outwardly-projecting upper ends K, which engage recesses A' in the flange A' and support the top A. Said

legs also have shoulders N at the upper ends of the faces I to engage the under side of the flange E and downwardly and inwardly inclined shoulders J at the lower ends of said faces engaged and held by a concave cap G, secured to the lower end of the post D by a screw H.

The legs B, when placed in position under the top A, are firmly held in place by being clamped between the flange E and the cap G and are still further secured by the canvas C, that serves to hinge them together. Also by engagement with the recesses A' at their upper ends they are secured in place by the top and also secure said top in place.

When desirable, the device is quickly taken apart by removing the screw H. The top A being then removed, the center post D can be withdrawn and the legs will readily assume parallel planes side by side and in contact, as shown in Fig. 4, being held in relative position by the canvas C.

I do not limit myself to the precise construction shown.

Various modifications for various purposes will readily suggest themselves to any one familiar with the art.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In knockdown furniture, a center post having a flange and formed with a series of angular faces, a removable cap secured to said post, and a series of radial legs hinged together, and each in contact with one angular face of the post and having shoulders engaging said flange and cap and secured to said post thereby, substantially as described.

2. In knockdown furniture, a central post, having a flange provided with recesses, a cap secured to the end of said post, and a series of legs having shoulders engaging the flange and cap, and angles engaging the recesses, and hinges connecting said legs to each other in series, substantially as described.

3. In knockdown furniture, a series of radial legs having adjacent vertical faces, and shoulders at each end of the same, hinges connecting said legs in series, a polygonal center post, having a flange engaging the shoulder at the upper ends of said faces, a

cap secured to the end of said post and engaging the shoulders at the lower ends of said faces, outwardly-projecting upper ends to said legs, and a top having a downwardly-  
5 projecting flange having recesses engaging the upper ends of said legs, substantially as described.

4. The combination of a polygonal post, having a flange at its upper end having peripheral recesses, a concave cap and screw at  
10 its lower end, a series of radial legs, having faces corresponding to the sides of the post, shoulders to engage the flange and cap, angles

to engage the recesses, and outwardly-projecting upper ends; and a top having a downwardly-projecting flange, having recesses to engage said upper ends of the legs, and a piece of canvas secured to the faces of said legs, substantially as described. 15

In testimony whereof I affix my signature 20  
in presence of two witnesses.

ARTHUR H. GINLEY.

Witnesses:

LUTHER V. MOULTON,  
LEWIS E. FLANDERS.