

No. 751,689.

PATENTED FEB. 9, 1904.

E. E. SEACRIST.
SELF LEVELING FURNITURE SUPPORT.

APPLICATION FILED JUNE 22, 1903.

NO MODEL.

Fig. 1

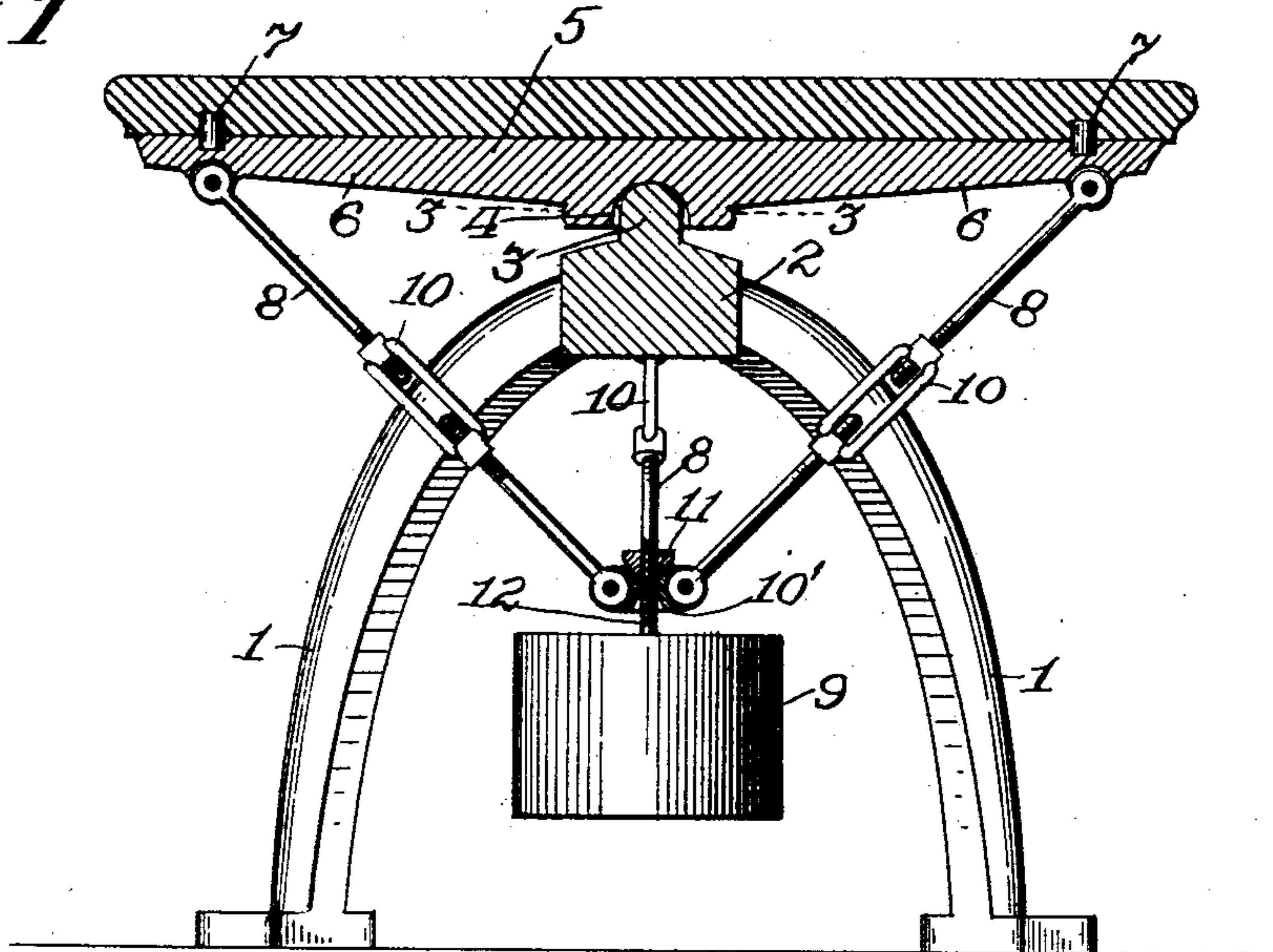


Fig. 2

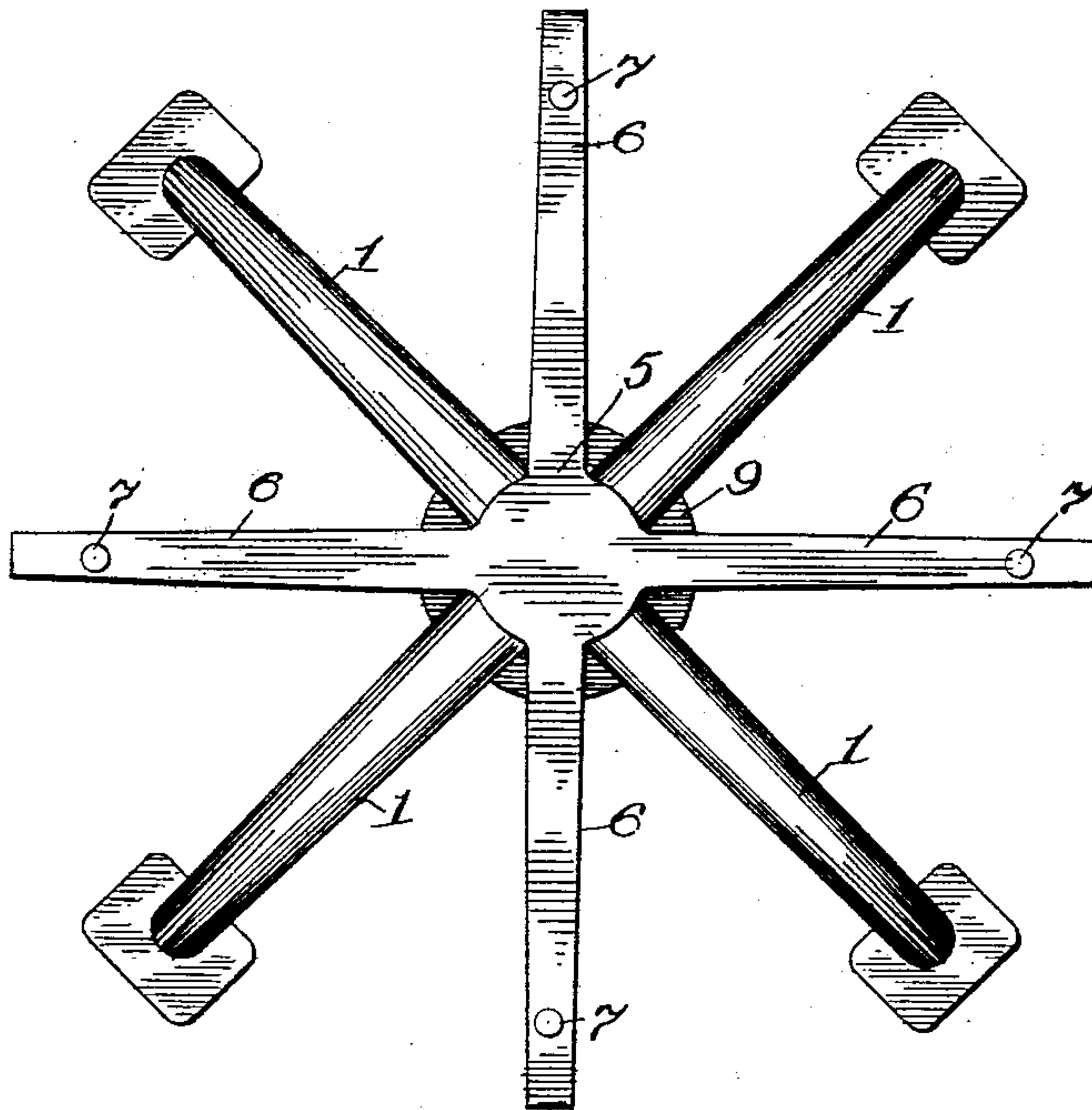


Fig. 3

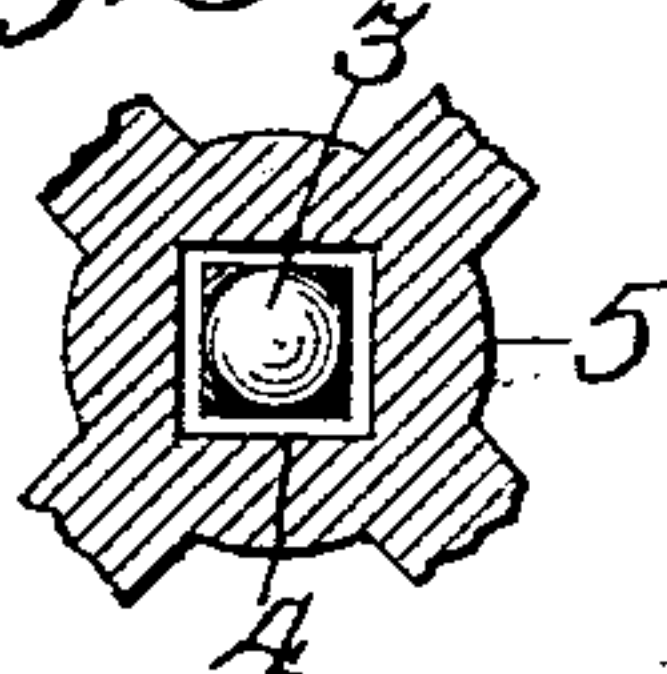
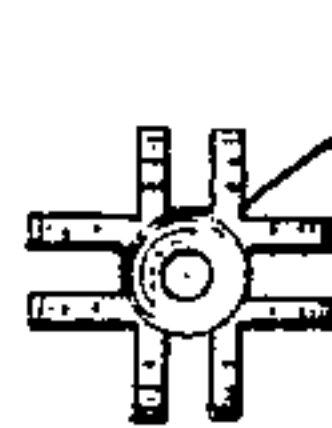


Fig. 4



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UNITED STATES PATENT OFFICE.

ELWOOD E. SEACRIST, OF ALLIANCE, OHIO.

SELF-LEVELING FURNITURE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 751,689, dated February 9, 1904.

Application filed June 22, 1903. Serial No. 162,574. (No model.)

To all whom it may concern:

Be it known that I, ELWOOD E. SEACRIST, a citizen of the United States, residing at Alliance, in the county of Stark and State of Ohio, have invented a new and useful Improvement in Self-Leveling Furniture-Supports for Use on Seagoing Boats or Vessels, of which improvement the following is a specification.

This invention relates to certain new and useful improvements in self-leveling furniture-supports, and relates more particularly to that class of furniture-supports which are intended for use on seagoing boats or other vehicles of conveyance wherein the floor-level is not always at right angles to a vertical line.

The object of this invention is to provide a furniture-support wherein a weight of sufficient heft normally holds the furniture, which may be a table, bed, or the like, substantially level.

A still further object of this invention is to provide a support wherein the position of the weight may be readily adjustable and wherein the parts are simple and cheaply constructed.

With the above and other objects in view the invention resides in the novel combination and arrangement of parts to be hereinafter more fully described, and specifically pointed out in the claims.

In describing the invention in detail reference will be had to the accompanying drawings, forming a part of this specification, wherein like reference-numerals indicate like parts throughout the several views, in which—

Figure 1 is a sectional elevation of my improved furniture-support as applied to a table. Fig. 2 is a plan view of the same with the article of furniture removed. Fig. 3 is a sectional plan view taken on the line 3 3 of Fig. 1. Fig. 4 is a plan view of the weight-supports.

The reference-numerals 1 1 1 1 indicate the supporting-legs of the device, which are joined at their upper inner ends, as indicated at 2. On the upper side of the part 2 the lug 3 is formed. This lug has its upper surface rounded; but its lower portion is squared, as shown in Fig. 3, and is adapted to fit into the squared

portion 4 of the furniture-supporting spider 5, as shown.

The furniture-supporting spider 5 has a plurality of arms 6 extending from its central portion, which engage and hold the furniture proper by dowel-pins 7, and rods 8 connect said spider 5 with the gravity-weight 9. A turnbuckle 10 is interposed within the length of said rods 8 for adjusting the same, and the lower ends of said rods 8 are pivotally connected with the weight-support 10', the upper face of which is concaved to receive the convex nut 11, which is threaded onto the shank 12 of the weight 9, as clearly shown in Fig. 1. It will be seen that the weight if of sufficient heft would always cause the furniture supported on said spider 5 to be at level by the force of gravity and that the squared portions 4 will prevent the furniture being turned to such a point that the rods 8 would come in contact with the supports 1.

While I have herein illustrated my invention as applied to a table, it will be obvious that various changes may be made in the article supported and the details of construction without departing from the general spirit of my invention.

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

1. In a furniture-support, the combination of a supporting-frame, a furniture-supporting frame pivotally mounted on said supporting-frame, a weight for keeping said furniture-supporting frame in a horizontal position and adjustable connections between said frame and weight, substantially as shown and described.

2. In a furniture-support, the combination of a furniture-supporting frame, a support for said frame, a pivoted connection between said frame and support, means in said connection for limiting the rotary movement of the said frame, a weight located below said pivoted connection between the outer end of the furniture-supporting frame and the weight, substantially as shown and described.

3. In a device of the character described the combination of a supporting-frame, a fur-

niture-supporting frame pivoted connections
between said frames squared portions in said
pivoted connection for limiting the rotary
movement of the furniture-supporting frame,
5 a weight-support, rods connecting said sup-
port with the furniture-supporting frame,
turnbuckles interposed in said rods, a weight
located below said weight-support, a threaded
shank on said weight and a threaded nut hav-
10 ing its lower surface convex adapted to en-
gage the shank of the weight when the same

is in place in the weight-support thereby pro-
viding adjustability of the weight, substan-
tially as shown and described.

In testimony whereof I have hereunto signed 15
my name in the presence of two subscribing
witnesses.

ELWOOD E. SEACRIST.

In presence of—

JOHN C. HOLZWARTH,
CHAUNCEY H. ERWIN.