

(No Model.)

B. WOOD.  
TABLE LEVELER.

No. 563,241.

Patented June 30, 1896.

Fig. 1.

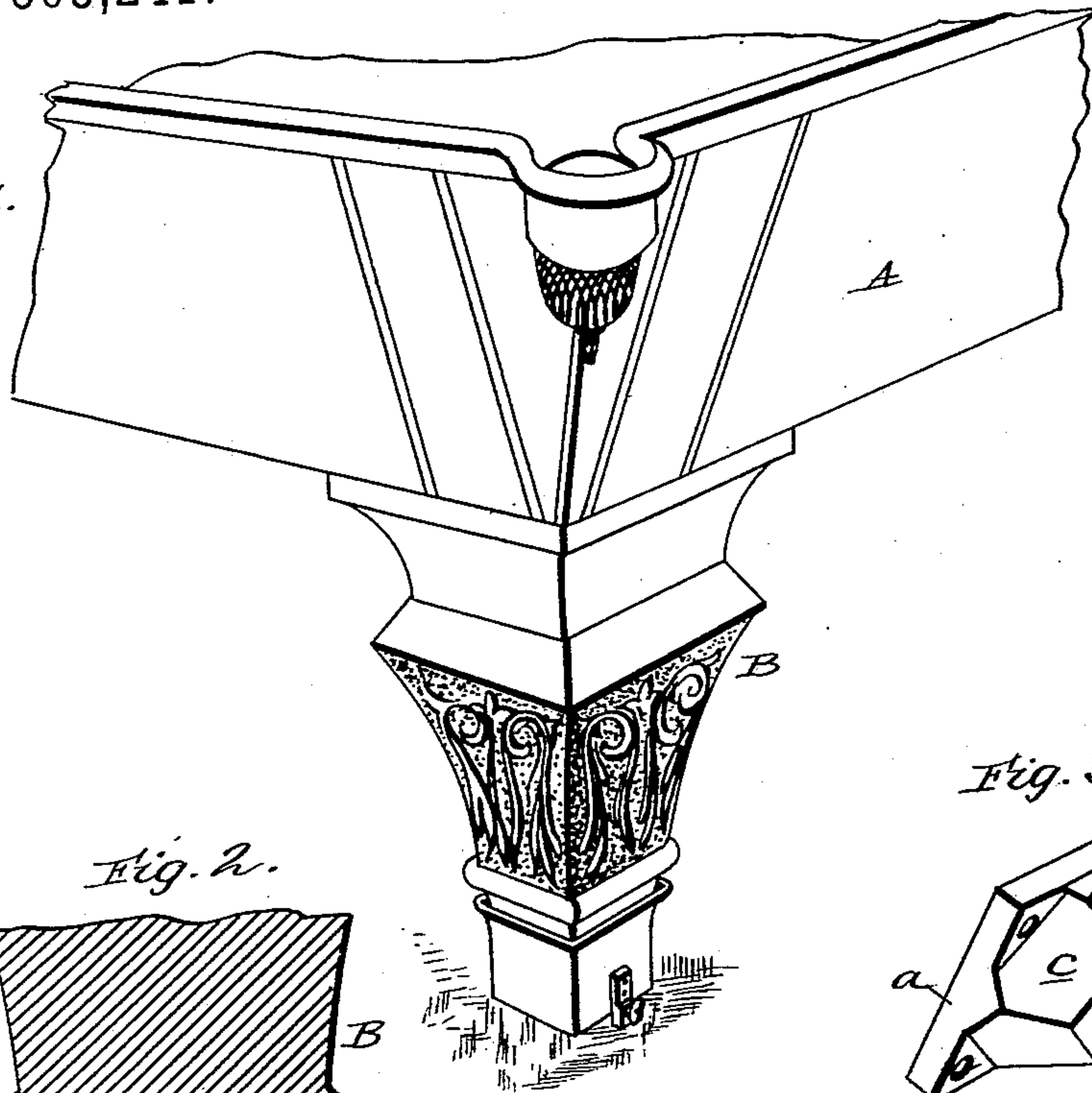


Fig. 2.

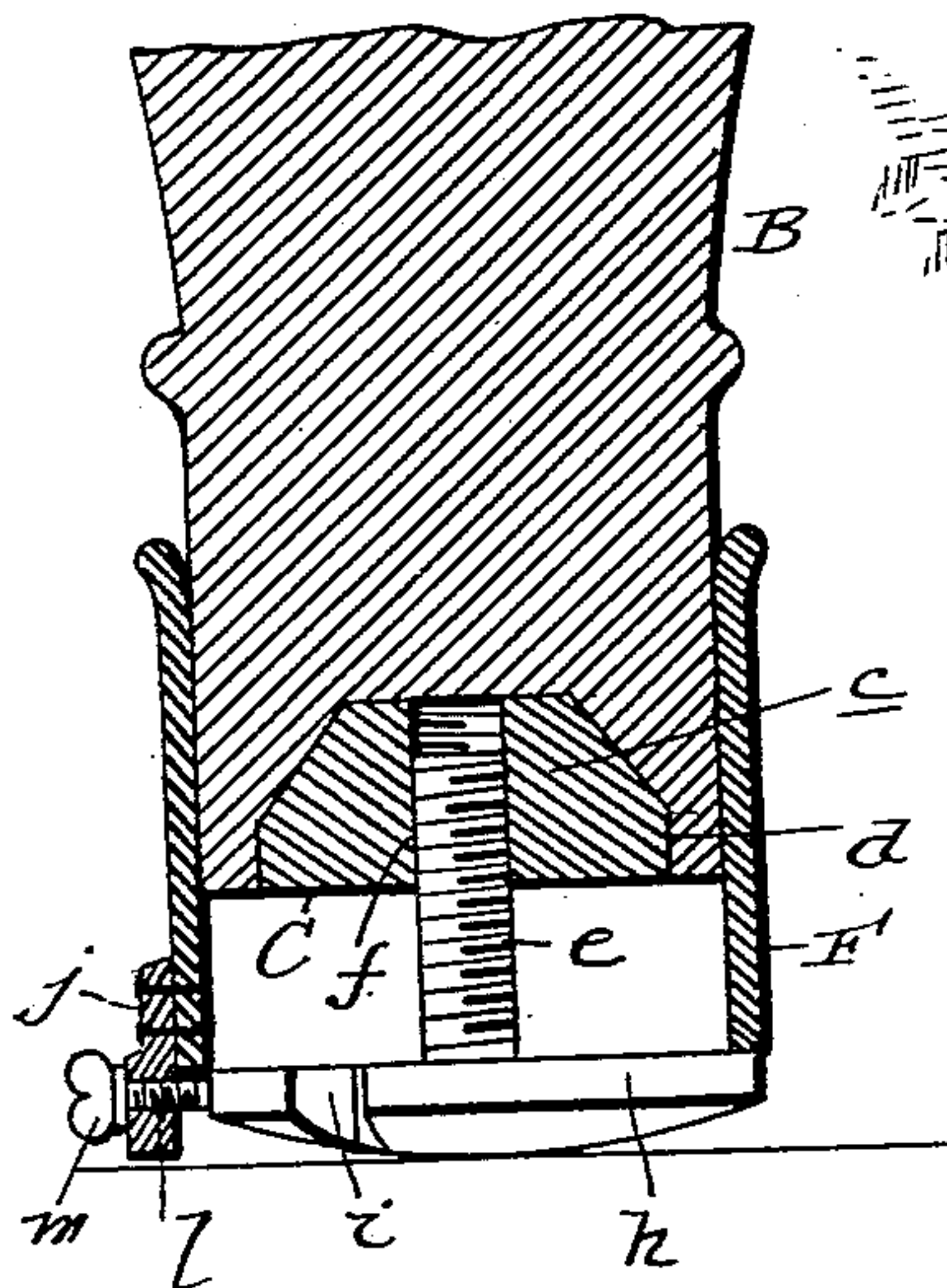


Fig. 3.

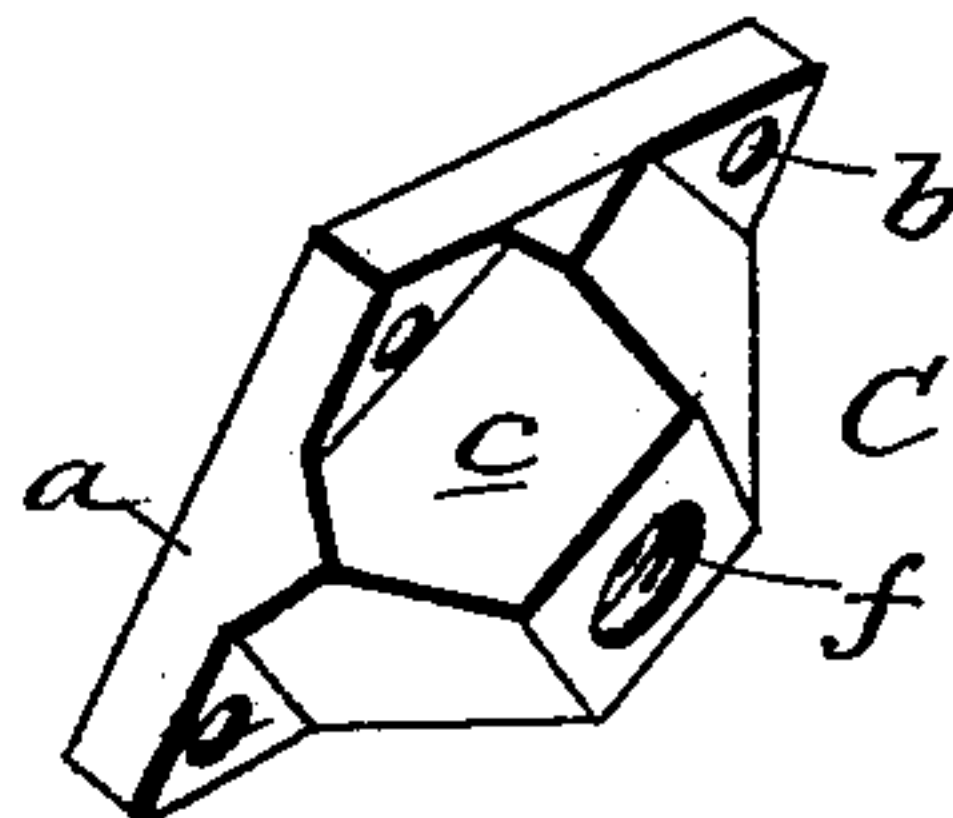


Fig. 4.

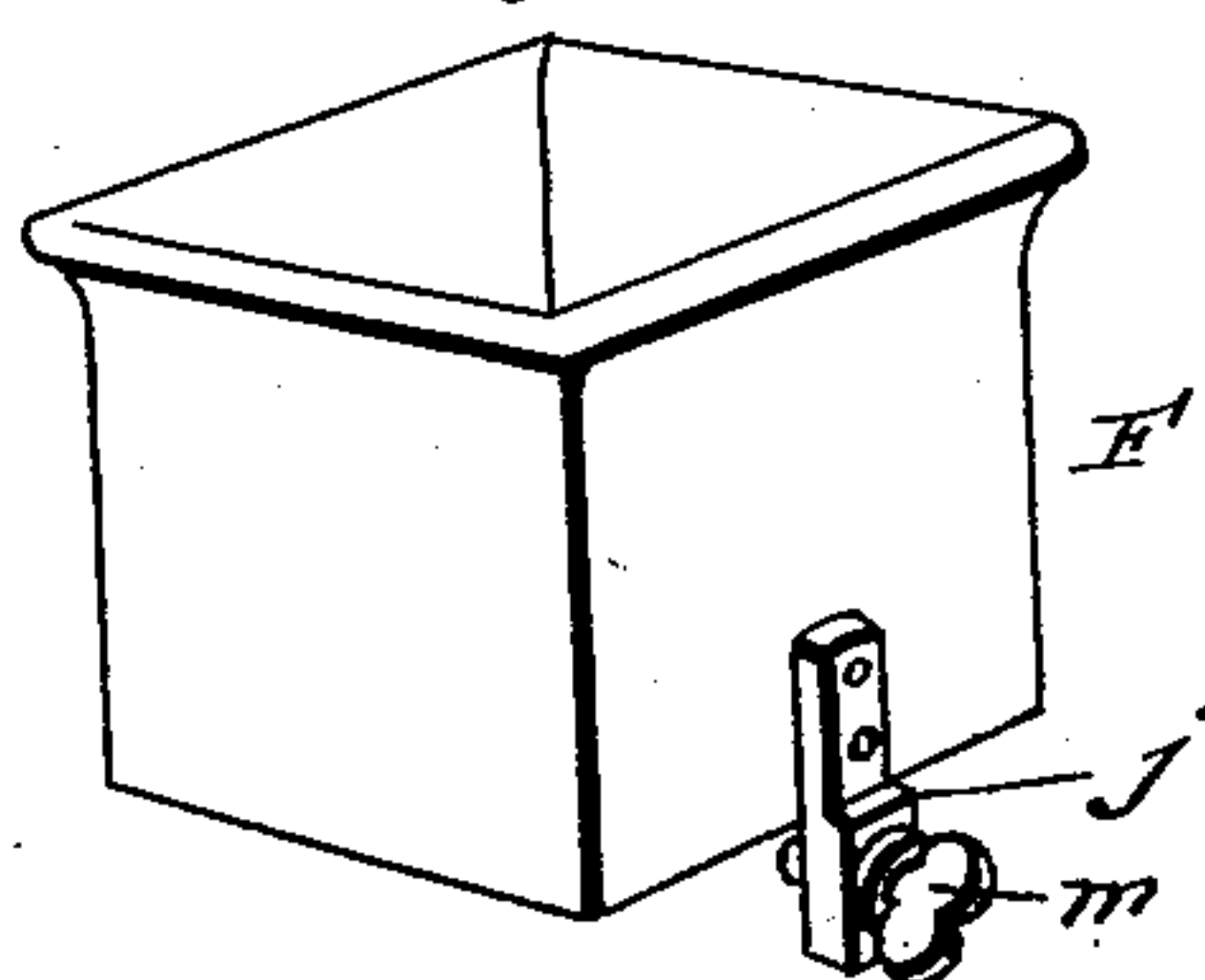
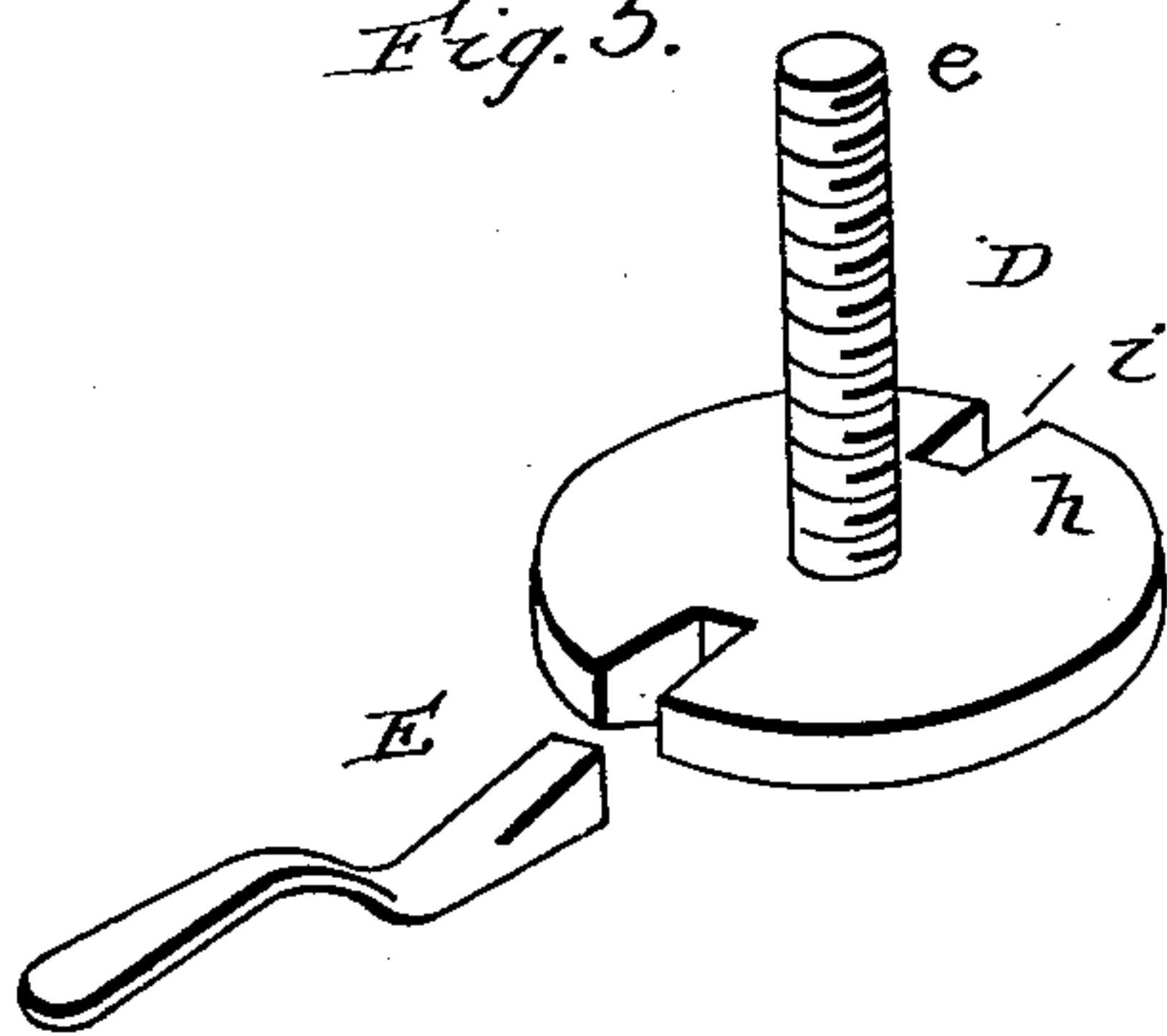


Fig. 5.



Witnesses:

*Chas. Raeder*  
*J. W. Griffin*

Inventor  
*Benjamin Wood*  
By *James J. Sheehy*  
Attorney



# UNITED STATES PATENT OFFICE.

BENJAMIN WOOD, OF RICHWOOD, OHIO, ASSIGNOR OF ONE-HALF TO  
FRANK O. PENNEY, OF SAME PLACE.

## TABLE-LEVELER.

SPECIFICATION forming part of Letters Patent No. 563,241, dated June 30, 1896.

Application filed April 15, 1896. Serial No. 587,685. (No model.)

*To all whom it may concern:*

Be it known that I, BENJAMIN WOOD, a citizen of the United States, residing at Richwood, in the county of Union and State of Ohio, have invented certain new and useful Improvements in Table-Levelers; and I do 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 ap-  
10 pertains to make and use the same.

This invention relates to improvements in devices for leveling billiard, pool, and bagatelle tables and the like; and its novelty and advantages will be fully understood from the  
15 following description and claim, when taken in conjunction with the annexed drawings, in which—

Figure 1 is a perspective view of one corner of a pool-table with my improvements applied. Fig. 2 is a vertical sectional view of one of the legs with my improvements in position thereon. Fig. 3 is a perspective view of the bur or nut removed from the leg. Fig. 4 is a perspective view of the slidable sleeve  
25 or collar; and Fig. 5 is a perspective view of the adjusting-screw, illustrating a wrench for manipulating the screw.

Referring by letter to said drawings, A indicates a pool-table, there being but a part here illustrated, and B indicates one of the legs, which is shown for the purpose of illustrating the application of my improvements thereto. The table may be of any suitable construction, the legs, as is usual, being of an  
35 angular form in cross-section.

C indicates a bur or nut, which may be composed of steel or other suitable hard metal, and may be made stout, as shown, so as resist such strain as it may be subjected to. I employ one of these burs or nuts on each leg of the table and preferably form the same with a flange *a*, having holes *b* to receive screws or other suitable fastening devices. Each bur has the projection *c*, so as to extend the  
45 screw-tapped portion and strengthen the same, and in placing these burs I recess the under side of the legs, as shown at *d*, so as to receive the portion *c* of said burs.

D indicates the adjusting device, which comprises a screw *e*, designed to take into the  
50 threaded aperture *f* of the bur; and at the base of this screw is a head *h*, which is convex on its under side, so as to bring the bearing-point central of the screw and produce as little frictional contact with the floor or other  
55 suitable support as possible. This head is notched or cut out at suitable points, as shown at *i*, to receive a wrench E or other suitable device for turning said head and screw in adjusting the table. 60

F indicates a sleeve or collar which is of an angular form in cross-section and is designed to play vertically on the table-leg. This sleeve is designed to fit the leg rather snugly, so that while it may move vertically it will  
65 be prevented from turning on the leg. The normal position of the sleeve is embracing the leg and concealing the screw and resting upon the head *h* of said screw. The sleeve is provided on one side with a hanger-arm *j*, which  
70 is here shown as fastened by bolts or the like, although it is obvious that the arm may be formed integral with the sleeve. The arm projects a sufficient distance below the lower edge of the sleeve and is provided with a  
75 transversely-disposed screw-threaded aperture *l* to receive a wing-nut or thumb-screw *m*. The object of this thumb-screw is to fix the sleeve with respect to the adjustable screw. 80

In operation, when it is desired to adjust the table, the thumb-screw should be first disengaged from the periphery or edge of the head *h*. The wrench E is then placed in one of the seats in said head and the latter, with  
85 its threaded stem *e*, turned to either raise or lower the table. When the table has been adjusted as desired, the wrench is removed, the sleeve allowed to drop, and the thumb-screw turned so as to impinge against the  
90 peripheral edge of the head *h*, when the sleeve will be fixed to the head and consequently the screw locked in the bur.

Having described my invention, what I claim is— 95

The combination with the bur, the screw

5 taking into the same and having the head convex on its under side and provided with a wrench-seat, and the slidable sleeve having the depending arm screw-tapped and the thumb-screw arranged in said screw-tapped arm to impinge against the peripheral edge of the screw-head, the whole being adapted for attachment to the leg of a billiard or other

table, substantially as and for the purpose set forth. 10

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

BENJAMIN WOOD.

Witnesses:

F. O. PENNEY,  
D. TRACY.