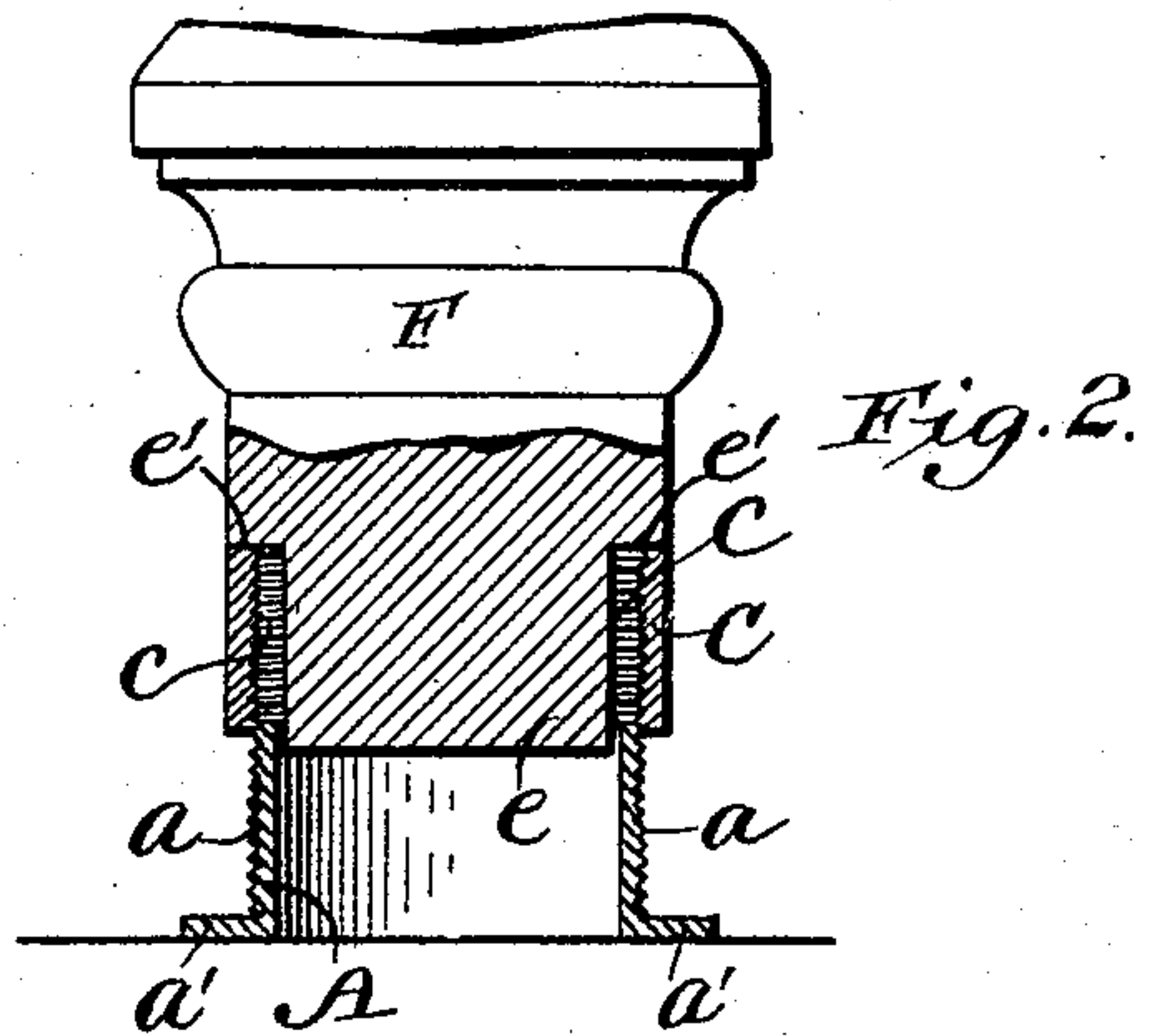
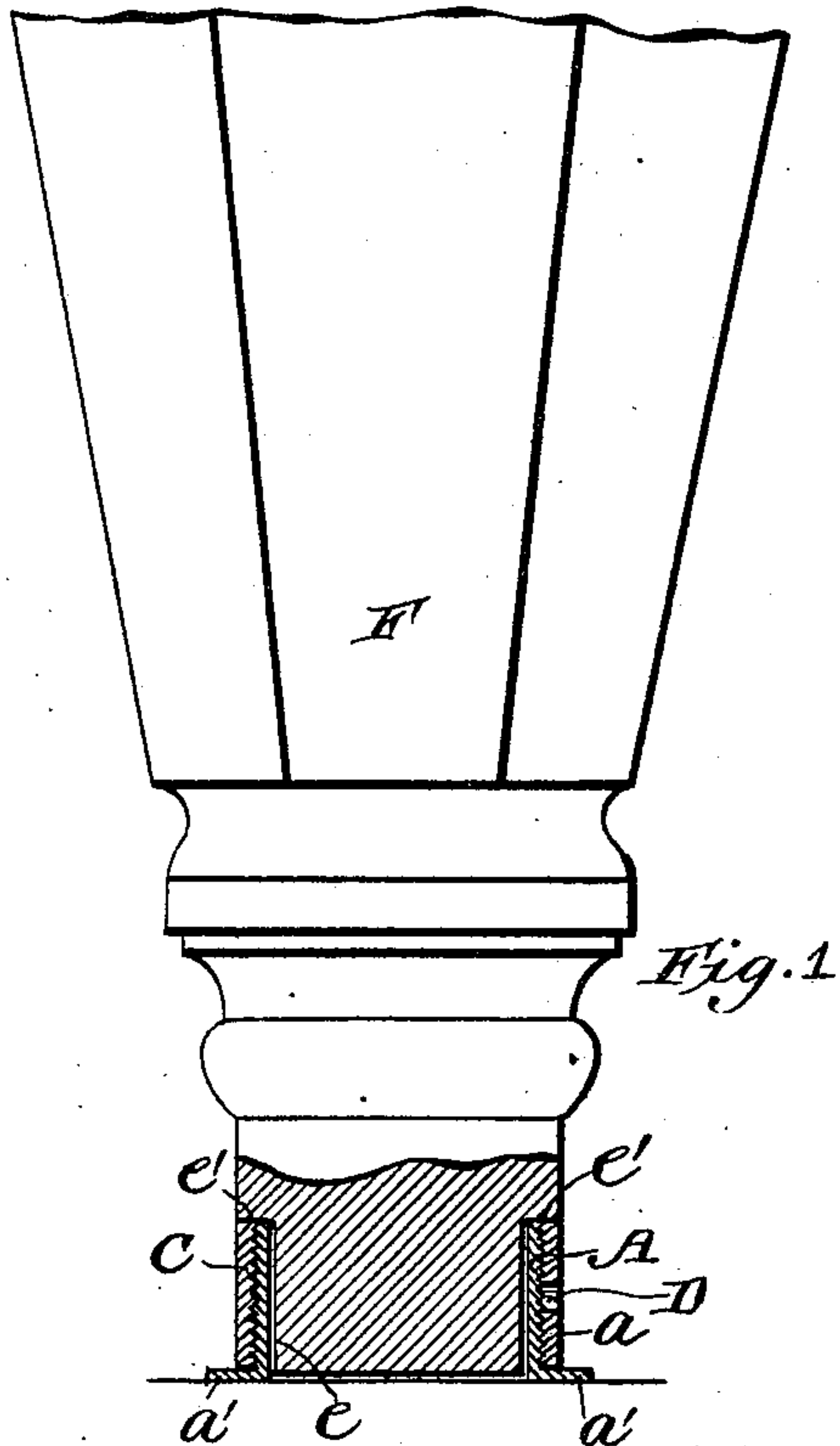


(No Model.)

C. H. HAMILTON.  
BILLIARD TABLE LEVELER.

No. 538,674.

Patented May 7, 1895.



Witnesses  
George  
H. Lauck

Inventor  
Christopher, Hamilton  
by J. J. Johnson  
Attorney

# UNITED STATES PATENT OFFICE.

CHRISTOPHER HESKETH HAMILTON, OF BALTIMORE, MARYLAND.

## BILLIARD-TABLE LEVELER.

SPECIFICATION forming part of Letters Patent No. 538,674, dated May 7, 1895.

Application filed April 13, 1894. Serial No. 507,389. (No model.)

*To all whom it may concern:*

Be it known that I, CHRISTOPHER HESKETH HAMILTON, a subject of the Queen of Great Britain and Ireland, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Billiard-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 appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention is an improved billiard table leveler, the object being to provide an easily adjustable, supporting and leveling device which can be attached to tables now in use without altering the length of the leg.

Another object is to so construct and arrange the parts that the end of the leg will be centered during its adjustment and thus prevented from wobbling or rocking, or slipping from the leveler.

With these objects in view the invention consists in the peculiar construction of the several parts and their arrangement with reference to one another, and also in the novel combination hereinafter pointed out in the claim hereunto appended.

In the drawings, Figure 1 is a view, partly in section, showing a leg of the table in its lowest position and having the leveler attached thereto. Fig. 2 shows the same in a raised position, as may be necessary to level up the table.

Referring to the drawings by letters, A is a tube or sleeve, and is preferably provided on its lower end with a rim or flange *a'*, as shown, and a screw-thread *a* upon its exterior curved surface.

C is a sleeve having a screw-thread *c* on its interior curved surface and adapted to run upon the threads upon the sleeve A, as is apparent. The height of sleeve C is nearly or about the height of sleeve A, and is so constructed that when it is run down upon said sleeve A, its upper edge will not project above the upper edge of sleeve A. These sleeves

are constructed as thus described for a purpose hereinafter set forth. To facilitate the turning of the sleeve C an aperture is made in the exterior surface thereof for the insertion of the pin or lug of a spanner.

F indicates the leg of the table, the lower end of which is reduced at *e*, producing an annular shoulder *e'*, which rests upon the upper edge of the upper sleeve when the parts are properly assembled; the reduced end extending through the upper sleeve and into the lower one, so that when the upper sleeve is adjusted to its upper limit, the end of the leg will not be drawn above the top of the lower sleeve. This is an essential feature of my invention as it will be apparent from Figs. 1 and 2, that the lower sleeve serves in this manner to center the leg and prevents the leg from slipping or rocking. This arrangement also enables me to employ my device upon tables now in use without shortening the length of the leg, as is now necessary in the use of all levelers for this purpose heretofore invented; and as each leg has a bolt extending longitudinally therethrough it would be rather inconvenient and difficult to shorten the leg of the table. It is to save this trouble that I have constructed my device.

The operation of my invention is obvious and its advantages are that it can be attached to tables now in use without cutting off a part of the leg and central bolt, and during the entire adjustment the leg is always centered and is prevented from rocking, and also prevented from slipping from the leveler.

It is further to be observed that by the use of my device a table can be quickly and reliably adjusted and leveled, and that by reason of the reduced lower end of the leg entering the lower sleeve and always remaining therein no matter what the point of adjustment may be, the table leg can never slip from engagement with the leveler, nor are the parts liable to get out of order as in the case of the more complicated devices for this purpose.

Having described my invention, what I claim is—

In a device of the character described the



combination with a lower sleeve having an exterior screw-thread, an upper interiorly screw-threaded sleeve adapted to run upon the lower sleeve, of a table leg having a reduced lower end providing an exterior shoulder surrounding said reduced portion, the said reduced portion between the shoulder and the end of the leg being of greater depth than the upper sleeve, so as to project through the upper sleeve into the lower one as set forth.

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

CHRISTOPHER HESKETH HAMILTON.

Witnesses:

G. E. REARDON,

HARRY C. MATHEW.