

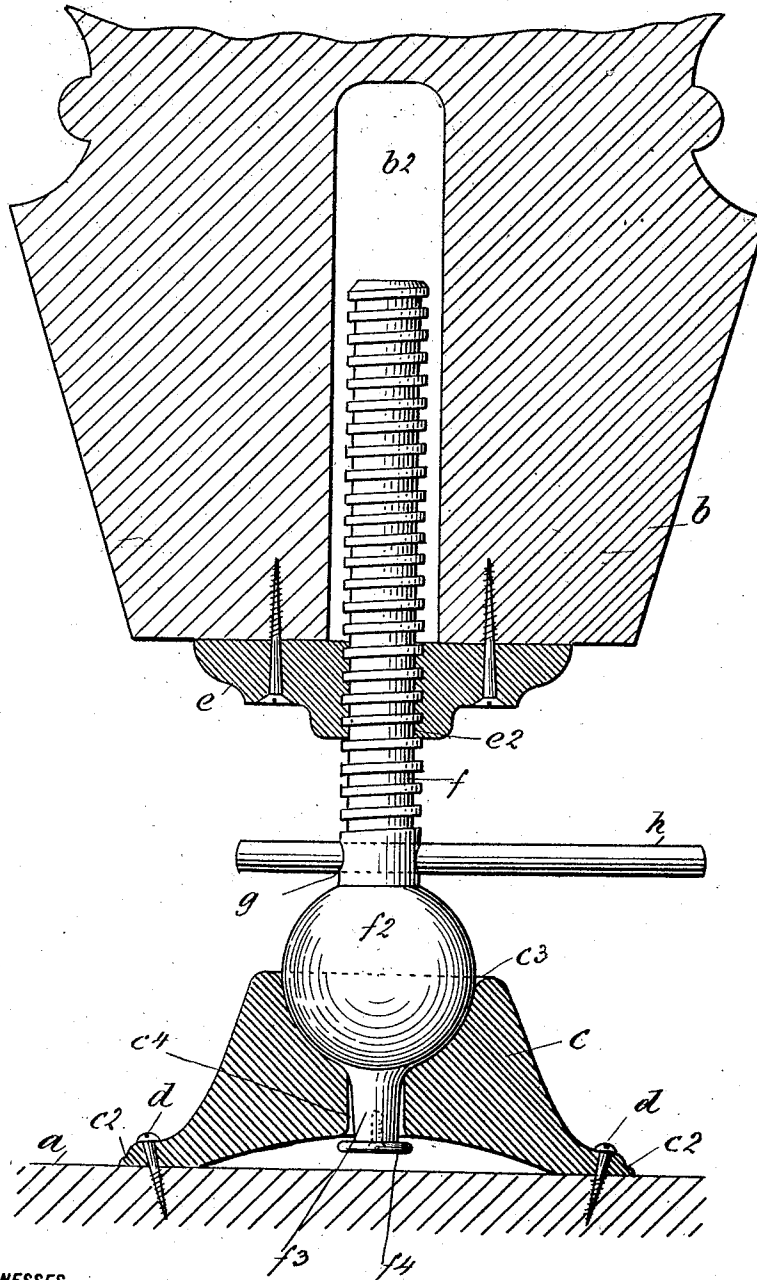
No. 842,641.

PATENTED JAN. 29, 1907.

W. S. FERNAU.

UNIVERSALLY ADJUSTABLE FOOT FOR THE LEGS OF BILLIARD TABLES
AND SIMILAR ARTICLES.

APPLICATION FILED OCT. 9, 1906.



WITNESSES

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UNITED STATES PATENT OFFICE

WALTER S. FERNAU, OF JAMAICA, NEW YORK.

UNIVERSALLY-ADJUSTABLE FOOT FOR THE LEGS OF BILLIARD-TABLES AND SIMILAR ARTICLES.

No. 842,641.

Specification of Letters Patent.

Patented Jan. 29, 1907.

Application filed October 9, 1906. Serial No. 338,105.

To all whom it may concern:

Be it known that I, WALTER S. FERNAU, a citizen of the United States, and residing at Jamaica, Long Island, in the county of Queens and State of New York, have invented certain new and useful Improvements in Universally-Adjustable Feet for the Legs of Billiard-Tables and Similar Articles, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to the legs of billiard-tables and other articles of this class; and the object thereof is to provide an improved adjustable foot for articles of this class by means of which any unevenness or inequality in the floor on which the table or article is placed may be compensated for and the table or article held in proper position at all times, a further object being to provide an adjustable foot which may be applied to portico-posts, piazza-posts, and other devices of this class and which in addition to affording at all times adequate means for adjustment will also prevent the rotting of the bottom of the post; and with these and other objects in view the invention consists in a device of the class specified constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters, said drawing comprising a single figure, showing in central vertical section the bottom part of the leg of a billiard-table and my improved universally-adjustable foot connected therewith.

In the drawing forming part of this specification I have shown at *a* a part of a floor over which a billiard-table is placed, and at *b* the bottom of one of the legs of a table, and in the practice of my invention I provide a base member *c*, which is concave on the bottom thereof and provided with a rim *c'*, adapted to rest upon the floor, and the base member *c* may, if desired, be secured to the floor by screws or bolts *d*.

The base member *c* is provided with a central vertical bore or passage *c'*, the top of which is enlarged to form a semispherical cavity or recess *c''*, and in practice I provide the leg *b* with a metal bearing, washer, journal, or other device *e*, having a vertically-arranged screw-threaded bore *e'*, which com-

municates with the corresponding bore *b'* in the leg *b*.

Passing vertically through the member *e* into the leg *b* is a screw-threaded shaft *f*, the lower end portion of which is provided with a ball or spherical body *f'*, which rests in the recess *c''* and is provided with a downwardly-directed trunnion or projection *f''*, which passes through the bore or passage *c'* and is also slightly tapered to permit of the lateral motion of the shaft *f*, the bottom of which is provided with a washer or similar device *f'* to prevent the shaft from being withdrawn from the base *c*.

That part of the shaft *f* immediately above the ball or spherical body *f'* is provided with a transverse bore or passage *g*, through which may be passed a rod, bar, or similar device *h*, by means of which the shaft *f* may be turned, and in this way it will be apparent that by turning the shaft *f* any inequality or unevenness in the surface of the floor may be provided for, as may also any difference in the length of the legs of the table, and in this way the table or other article may be supported in a perfectly level position regardless of the condition of the floor on which it is placed.

It will also be apparent that this device may be used in connection with portico-posts, piazza-posts, and other devices or articles of this class, and in addition to providing means whereby the exact height of such posts may be regulated and maintained, my improved adjustable foot also, as will be understood, prevents the said posts from rotting at the bottom thereof. My improvement is also applicable for many purposes other than those herein specified, and changes therein and modifications thereof may be made without departing from the spirit of my invention or sacrificing its advantages.

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

1. A universally-adjustable foot member for the legs of tables or other articles, comprising a base having a semispherical recess in the top thereof and a central bore extending downwardly through said base from said recess, and a screw-threaded shaft provided with a spherical portion adapted to fit in said recess and having a depending tapered projection which passes through said bore.

2. A universally-adjustable foot member for the legs of tables or other articles, com-

prising a base having a semispherical recess in the top thereof and a central bore extending downwardly through said base from said recess, and a screw-threaded shaft provided with a spherical portion adapted to fit in said recess and having a depending tapered projection which passes through said bore, said depending tapered projection being provided with a head which is secured thereto and the bottom of the base being concave.

3. In an adjustable foot-piece for the legs of tables or other articles, a base member having a concave bottom side and a semispherical recess in the top thereof together with a central bore which extends from said recess

to the bottom of said base, a screw-threaded shaft provided with a spherical body adapted to rest in said recess and having a central downwardly - directed tapered projection which passes through said bore and is provided at its lower end with a detachable head.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 8th day of October, 1906.

WALTER S. FERNAU.

Witnesses:

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MAX K. G. GROSSHEIM.