

C. PAXTON & W. H. HULL.

Improvement in Leveling Jacks for Billiard Tables.

No. 123,791.

Patented Feb. 20, 1872.

Fig. 1.

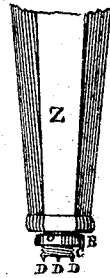


Fig. 2.

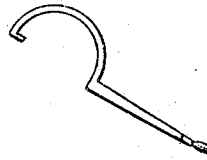


Fig. 3.

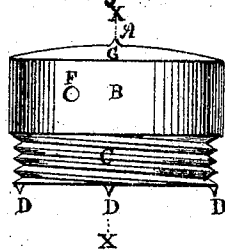
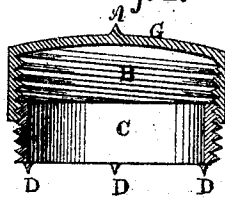


Fig. 4.



Attest  
*C. M. Shung*  
*J. Tronby*

Inventor.  
*Chas. Paxton and Wm. H. Hull,*  
*per Fisher and Fisher,*  
*their attys in fact.*

# UNITED STATES PATENT OFFICE.

CHARLES PAXTON, OF LOVELAND, OHIO, AND WILLIAM H. HULL, OF  
COFFEYVILLE, KANSAS.

## IMPROVEMENT IN LEVELING-JACKS FOR BILLIARD-TABLES.

Specification forming part of Letters Patent No. 123,791, dated February 20, 1872.

We, CHARLES PAXTON, of the village of Loveland, in the county of Hamilton and State of Ohio, and WM. H. HULL, of the town of Coffeyville, in the county of Montgomery and State of Kansas, have invented a certain new and useful Leveling-Jack for Leveling Billiard and other Tables, of which the following is a specification:

Billiard-tables are usually elevated or depressed to a level by means of a lever or by hand, both of which means are not only inconvenient, but render it difficult to secure an exact level, and frequently, by jarring or twisting the table, they cause the plaster between the slabs to break, which seriously injures the table.

The object of my invention is to furnish an easy means of bringing the table to a perfect level without jarring or twisting it in any manner. To accomplish this, I have invented an improved leveling-jack, consisting of a cap and bolt, to be placed beneath the leg of the table. The cap or female screw of the jack has a top rising toward the center, to diminish the friction between it and the leg, which rests upon it. A sharp point projects upward from the center of this top into the bottom of the table-leg, and holds the cap in place while being turned upon the bolt that supports it. The bolt or male screw upon which this cap works rests upon the floor, and is provided on its bottom with three or more small projections, to keep it stationary while the cap is being turned to raise or lower the table. In the side of the cap are several indentations, as foot-holds for the half-circle wrench with which the cap is turned. Other devices for turning the cap may be used as well, such, for instance, as making it angular, with a wrench to fit, or

by knobs projecting from its side instead of the indentations above described.

In the accompanying drawing forming part of this specification, Figure I is an elevation of a part of the table-leg resting upon the jack. Fig. II is a half-circle wrench for turning the cap of the jack. Fig. III is a front elevation of the jack. Fig. IV is a vertical longitudinal section through the lines X X of Fig. III.

In the center of the raised top G of cap B is the point A, which projects upward and into the bottom of the leg Z. C is the bolt or male-screw of the jack, which rests upon the floor, and is provided with points D D D, &c., to keep it stationary while the cap is being turned to elevate or depress the table. The top G of cap B is raised toward the center, as shown in the drawing, and allows of but a small surface of actual contact with the leg that rests upon it, thereby reducing the friction between them, so that the cap may be easily turned with a heavy body resting upon it.

What I claim as new, and desire to secure by Letters Patent, is—

As a new article of manufacture, a leveling-jack, consisting of an upright bolt which has three or more projections on its bottom, and supports a screw-cap whose top rises toward the center and there projects upward in a sharp point, substantially as described in the specification, and for the purposes therein set forth.

CHARLES PAXTON.

W. H. HULL.

Witnesses as to CHAS. PAXTON:

GEO. A. BLACK,

A. T. BLACK.

Witnesses as to W. H. HULL:

A. M. WEAVER,

DANL. TERRIER.