J. W. WOOLEY.

LEVELING DEVICE FOR POOL AND BILLIARD TABLES.

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1,173,695. Patented Feb. 29, 1916.

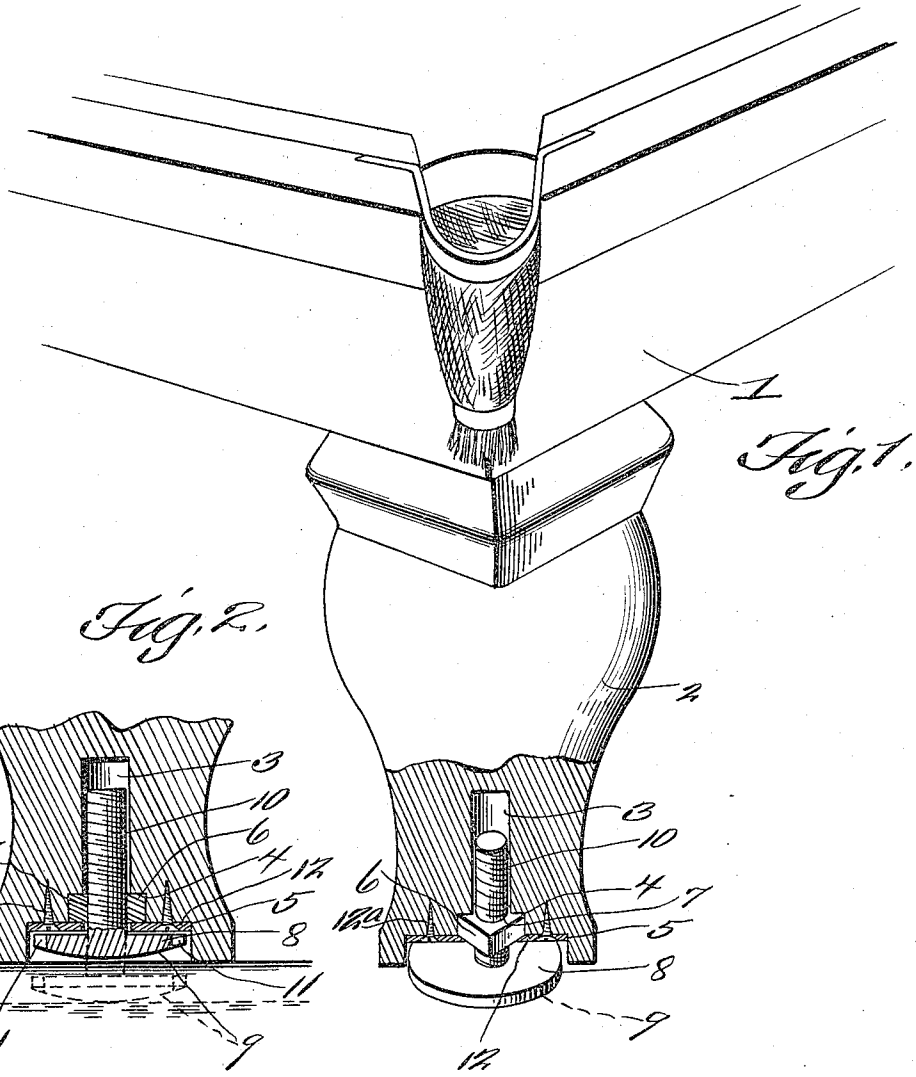


Fig. 1.

Fig. 2.

Witnesses

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UNITED STATES PATENT OFFICE.

JOHN W. WOOLEY, OF SPOKANE, WASHINGTON.

LEVELING DEVICE FOR POOL AND BILLIARD TABLES.

1,173,695. Specification of Letters Patent. Patented Feb. 29, 1916.

Application filed July 20, 1915. Serial No. 40,881.

To all whom it may concern:

Be it known that I, JOHN W. WOOLEY, a citizen of the United States, residing at Spokane, in the county of Spokane and State of Washington, have invented a new and useful Leveling Device for Pool and Billiard Tables; and I do hereby 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.

This invention relates to the art of leveling devices, and particularly to an improved leveling device permanently carried by but detachably connected to each of the legs of a pool or billiard table, so that when erecting the table, the same may be plumbed or leveled, incident to the unevennesses of the floor or other surface.

Another object of the invention is to provide a leveling device, which is obscured entirely from view, and which is true, even though the leveling device has been adjusted to level one corner or the other of the table.

In practical fields the details of construction may necessitate alterations, falling within the scope of what is claimed.

The invention comprises further features and combination of parts, as hereinafter set forth, shown in the drawings and claimed.

In the drawings:—Figure 1 is a view in perspective of one corner of a pool or billiard table, illustrating in dotted lines at the lower portion of the leg the improved leveling device, which is practically embedded in the leg. Fig. 2 is a vertical sectional view through the lower part of the leg.

Referring more particularly to the drawings, 1 designates a portion of the table, which may be of any conventional form or configuration, and 2 denotes one of the legs thereof. The leg is channeled out to form a bore 3 having adjoining countersinks 4 and 5. The countersink 4 is rectangular in cross section, as shown and receives a correspondingly shaped plate 6, the rectangular contour of both the plates 6 and countersink 4, acting to prevent rotation of the plate 6, which is provided with threaded openings 7. The countersink 5 is circular in cross section, as shown, in order to receive the disk plate 8, so that it is obscured from view, especially before the plate 8 has been projected below the lower end of the leg. However, even after the plate has been projected below the lower end of the leg, for consequently leveling the table it is obscure from view, owing to the diameter of the leg at its lower end being considerably larger than the diameter of the plate 8. The under face of the plate 8 is convexed as shown at 9, so that it will have a single contacting bearing on the flooring. Carried by the plate 8 is a screw threaded shank 10, which is threaded in the opening 7 of the plate 6. When it is desired to level the table incident to the unevenesses in the flooring, the table is first jacked up, by any suitable jacking device (not shown), until the table has been suitably leveled, subsequently to which the plate 8 with the screw shank may be rotated by hand, or either by a spanner wrench (not shown), the wrench jaws of which, however, may enter the recesses 11 of the plate 8, until the plate 8 contacts with the flooring, then the jacking device may be removed. Secured in the countersink 5 by means of screws 12^a is a plate 12, to more securely hold the plate 6 in the countersink 4.

The invention having been set forth, what is claimed as new and useful is:—

In combination, a table leg having a bore formed concentrically and vertically in the lower portion of the leg and provided with a pair of countersinks adjoining the lower portion of the bore, a plate permanently carried by but capable of being removed from the leg received in one of the countersinks, a threaded member threaded through said plate and passing up through the bore and provided with a disk plate at its lower end adapted to enter the other countersink, one of the countersinks and the first plate being correspondingly rectangular in contour, to prevent rotation of the first plate, the second plate and the other countersink

being circular so that one may be received by the other thereby embedding the circular plate in the leg obscured from view, the second plate having its under surface convexed, so that it may have a single contact with the flooring and may be easily rotated.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN W. WOOLEY.

Witnesses:
L. L. WESTFALL,
HERMAN MERK.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."