E. D. ANGELL.

SUPPORT.

APPLICATION FILED DEC. 23, 1920.

1,420,676. Patented June 27, 1922.

Fig. 1.

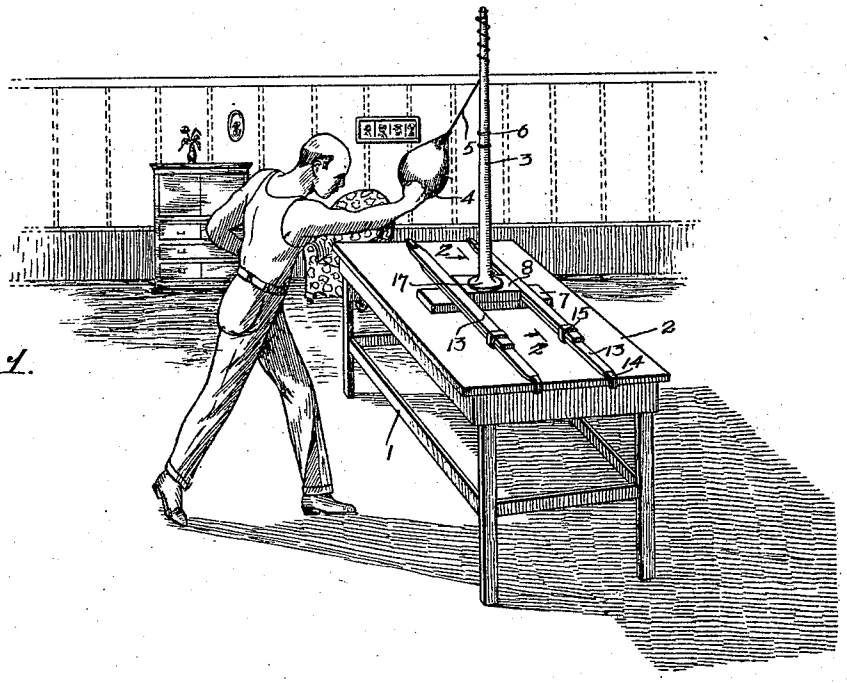


Fig. 2.

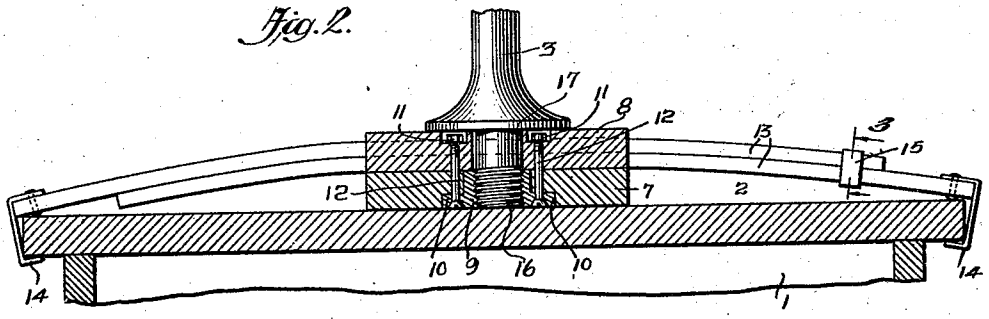
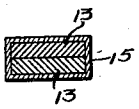


Fig. 3.



WITNESSES

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SUPPORT.

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To all whom it may concern:

Be it known that I, EMMETT D. ANGELL, a citizen of the United States, and a resident of Milwaukee, county of Milwaukee, and State of Wisconsin, have invented a new and Improved Support, of which the following is a full, clear, and exact description.

This invention relates to improvements in supports, particularly to supports for uprights or standards, an object of the invention being to provide a supporting base for an upright rod or pole which may be quickly and easily attached to or detached from an ordinary table top.

A further object is to provide a detachable support of this character which will not scar the table, and yet which will be held firmly against any movement which might be caused by strains upon the upright.

A still further object is to provide a supporting base for a game apparatus which will be simple and practical in construction, strong and durable in use, and comparatively inexpensive to manufacture.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings:

Figure 1 is a perspective view illustrating my improved support in applied position upon a table, and also illustrating the manner of using the game apparatus which is associated with the support.

Figure 2 is a view in longitudinal section through the table top and support on the line 2—2 of Figure 1.

Figure 3 is a view in section on the line 3—3 of Figure 2.

Referring in detail to the drawing, 1 represents a conventional table having a rectangular top 2. An upright 3 is held in position on the table by my improved support. A punching bag 4 is suspended from the top of the upright by a flexible device 5. The upright is preferably formed in two sections coupled together in any suitable manner as indicated at 6. The purpose of this arrangement of parts is to form a new game apparatus in which the players endeavor to wind the flexible device around the upright by striking the bag.

My invention resides more particularly in the construction of the supporting base for the upright and the means for securing the base to the table.

7 represents a board which forms the base of the support and rests on the table top 2. A block 8 preferably of the same width but necessarily of shorter length than the board, is secured upon the upper face thereof. The board 7 is recessed to receive a screw threaded metal socket member 9 which is provided with an annular base flange 10 imbedded in the board and flush with its under face. A circular opening in the block 8 registers with the threaded socket 9. The upper face of the block 8 is recessed to accommodate nuts 11 which co-operate with bolts 12, passed through the flanges 10 to permanently secure the board and block together. It is of course to be understood that any other appropriate securing devices might be substituted for the nuts and bolts illustrated.

Adjustable clamping members in the form of wooden spring strips 13 serve to prevent movement of the support upon the table. Each strip 13 is provided at one end with a table engaging member in the form of an angle bracket 14 which is adapted to hook under the edge of the table top as shown clearly in Figure 2. After the angle brackets or hooks 14 are in position to grip the table, the other ends of the strips are moved to overlapping position, and by bending their free ends may be clamped together by a collar 15 movable on one of the strips 13 and of a size sufficient to encircle both of the strips.

Two pairs of these strips are employed, each pair overlying one end of the board 7 and abutting against the ends of the block 8 as shown clearly in Figure 1. When the strips are fastened in position they have a tendency to spring downwardly against the table top as will be readily understood so that the base is held firmly in the desired position. After the base is secured in position, the lower standard section, preferably in the form of a tube or pipe, is screwed into the socket 9, the standard being provided with a threaded end 16 adapted to fit the socket. The standard is also enlarged adjacent its lower end to form a shoulder 17 which abuts against the upper face of the block 8 strengthening the mounting of the standard and concealing the counter sunk

nuts 11. If desired the upper standard section may be screwed into the socket to form a shorter pole.

The particular arrangement of the parts above described permits my improved game or exercising apparatus to be quickly attached to any table.

Various slight changes and alterations might be made in the general form and arrangement of the parts described without departing from the invention, and hence I do not limit myself to the precise details set forth but consider myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of the appended claims.

What I claim is:

1. In a device of the character stated, the combination with a table top, of a support including a base, a threaded socket in the base, spring strips each having one end overlying the base, hooks on the other ends of the strip engageable with the edges of the table top, and means securing the strips together to hold the base against the table top.

2. In a device of the character stated, the combination with a table top, of a support including a base, a threaded socket in the base, spring strips each having one end overlying the base, hooks on the other ends of the strips engageable with the edges of the table top, and an encircling collar securing the strips together to hold the base pressed against the table top.

3. The combination with a table and a relatively flat article located on the table, of a pair of spring strips, devices at one end of each strip engageable with the edge of the table, the other ends of said strips overlying the article upon the table, and a collar encircling said strips whereby said article is pressed against the table.

EMMETT D. ANGELL.