

Oct. 9, 1928.

1,687,128

F. C. HALL

COMBINATION STOOL, CHAIR AND TABLE

Filed Nov. 11, 1924

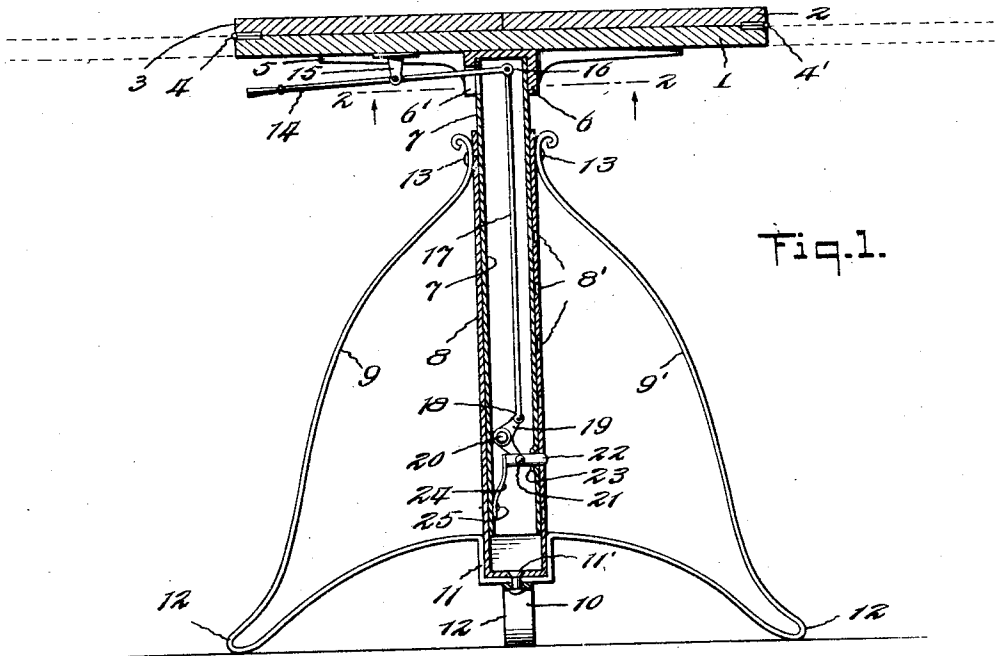


Fig. 1.

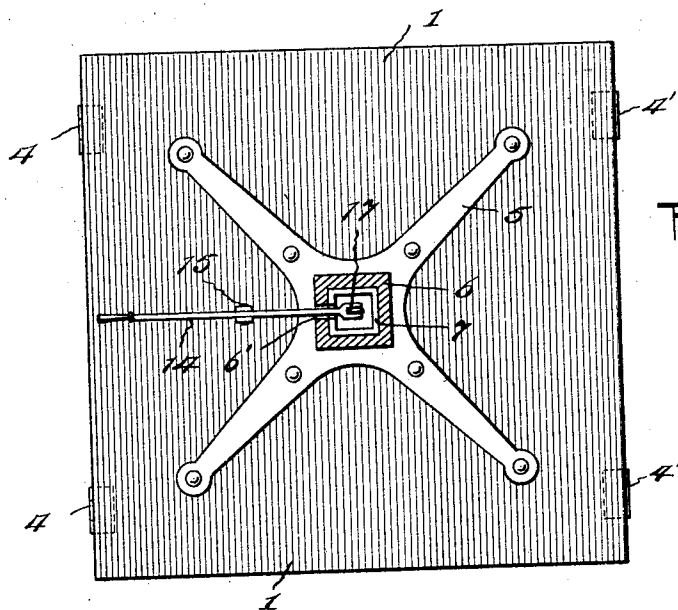


Fig. 2.

INVENTOR

Francis C. Hall.

Patented Oct. 9, 1928.

1,687,128

UNITED STATES PATENT OFFICE.

FRANCIS CADWALADER HALL, OF NEW YORK, N. Y.

COMBINATION STOOL, CHAIR, AND TABLE.

Application filed November 11, 1924. Serial No. 749,182.

The object of my invention is to provide a combination article of furniture, having certain elements, including a column ratchet raised seat or table, enabling its use as a
5 stool, chair and table. This is effected principally by a centrally placed telescopic tube column, containing ratchet mechanism, permitting a seat or table to be adjusted to various heights on or above a stool body, to
10 which the chair seat or table is attached and supported by the above mentioned telescopic tube column in a simple, strong and durable manner.

In the accompanying drawing there is
15 shown, for purposes of illustrating the invention, one of the many possible embodiments of the same, it being understood that the drawing is to be considered as illustrating the invention rather than limiting it.

20 In these drawings: Fig. 1 is a sectional view through a vertically adjustable stool, table, or the like, and Fig. 2 is a sectional view taken on the line 2—2 of Figure 1, looking in the direction of the arrows.

25 As shown in the drawings, the top of the device is shown at 1, and it is here provided with a pair of leaves 2 and 3, hinged at 4 and 4', so that the leaves may be swung out to the dotted line position indicated. Such
30 leaves are of course more particularly intended for use in a structure suitable for a table. They would not be necessary in a stool.

A four-legged spider 5 is attached to the
35 under side of the top 1, so as to securely support the same. The central part 6, of this spider, is shaped so as to carry a tube 7 which extends vertically downward from the table, the parts being secured together in
40 any convenient manner. This tube 7 is adapted to telescope inside an outer tube 8, so that the parts may be adjusted relative to one another. These parts may be made
45 square as indicated, so that there is no tendency for one part to rotate relative to another.

The legs of the stool or table may be conveniently made out of suitable lengths of strap material. As here shown, two opposite legs 9 and 9' are made out of a strap by
50 suitably bending it so that the central portion 11 is adapted to receive the lower end of the tubular member 8 and so that the intermediate portions 12 form a pair of feet
55 for the table. The upper ends of the legs

9 and 9' are riveted or otherwise fastened to the upper end of the tubular member 8. A similar strap 10 is placed at right angles to the strap 9, so as to provide another pair of legs, and a rivet or screw 11' may be used
60 to attach the two legs together and to the lower end of the column 8.

A horizontal lever 14 is pivotally mounted at 15 on the lower side of the top of the table or stool, and the inner end 16, is carried through a slot 6' in the central part of the spider and on into the inside of the tube
65 7, where it is connected with a link 18. This link is connected to a bell-crank 19, pivoted at 20 to the tube 17, and the other end 21 of the bell-crank, cooperates with a plunger or dog 22, to guide it in a hole 23 in the side wall of the tube 7. A spring 24, attached at 25 to the tube 7, is provided to
70 force the plunger outwardly. The adjacent wall of the tube 8, is provided with a number of holes 8' adapted to cooperate with the plunger 22.

The table may be raised or lowered in an obvious manner, as it is only necessary to
80 raise the lever 14, which acts to disengage the plunger from the hole in the stationary base of the device. The top may then be raised or lowered to the desired height, and the lever released so that the plunger may
85 again be forced into one of the holes in an obvious manner.

It is obvious that the invention may be embodied in many forms and constructions, and I wish it to be understood that the particular form shown is but a few of the many forms. Various modifications and changes being possible, I do not limit myself in any way with respect thereto.

Having thus described my invention what
95 I claim is:

An article of furniture comprising a supporting top, inner and outer telescopic tubes of square cross-section, the inner tube being secured to said supporting top, the outer telescopic member having resilient supporting
100 legs comprising straps secured at their extremities to opposite walls of said outer tube and the central portion of each strap being formed with a socket portion within which
105 the lower end of the outer tube is clasped.

Signed at New York city in the county of New York and State of New York this the 3rd day of November, A. D. 1924.

FRANCIS CADWALADER HALL.