G. S. TILLOTSON.

TABLE.

APPLICATION FILED NOV. 14, 1914.

1,165,144.

Patented Dec. 21, 1915.

2 SHEETS—SHEET 1.

Fig. 1

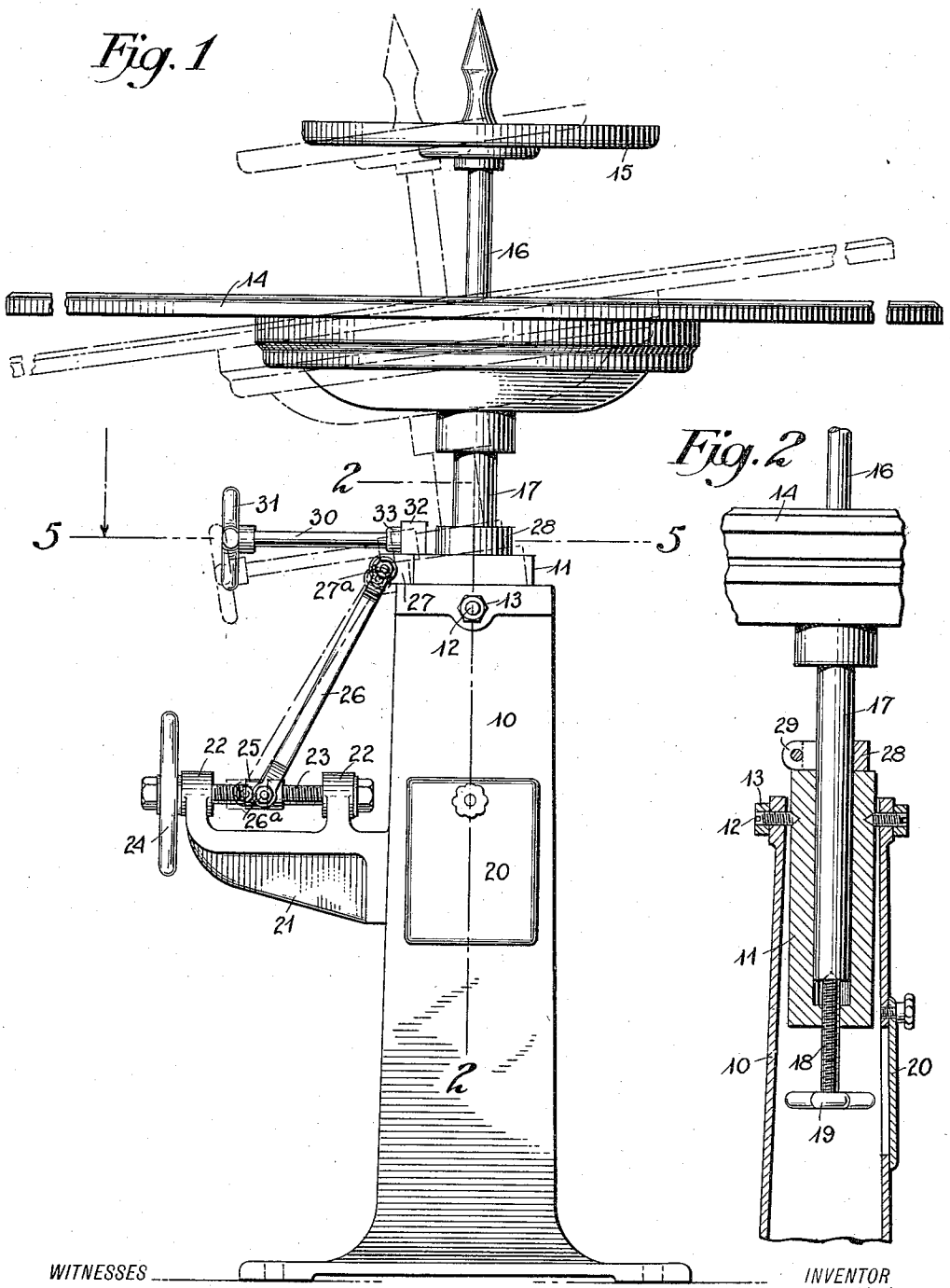


Fig. 2

WITNESSES

J. Trelle

J. L. McCuliffs

INVENTOR

George S. Tillotson

BY Munn & Co

ATTORNEYS

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

G. S. TILLOTSON.

TABLE.

APPLICATION FILED NOV. 14, 1914.

1,165,144.

Patented Dec. 21, 1915.

2 SHEETS—SHEET 2.

Fig. 3

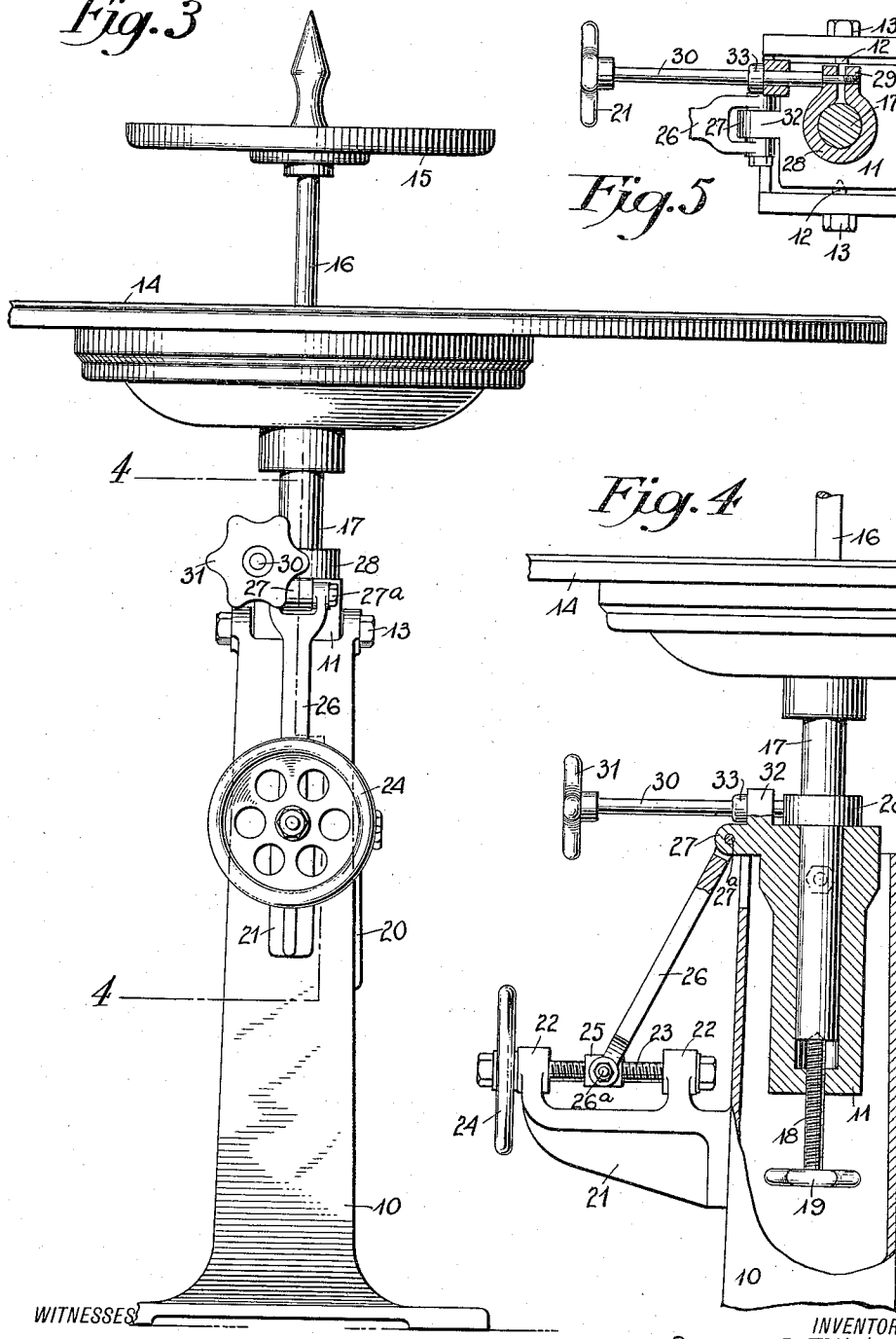


Fig. 5

Fig. 4

WITNESSES

INVENTOR

George S. Tillotson

BY Munn & Co

ATTORNEYS

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

GEORGE S. TILLOTSON, OF TIFFIN, OHIO.

TABLE.

1,165,144. Specification of Letters Patent. Patented Dec. 21, 1915.

Application filed November 14, 1914. Serial No. 872,218.

To all whom it may concern:

Be it known that I, GEORGE S. TILLOTSON, a citizen of the United States, and a resident of Tiffin, county of Seneca, State of Ohio, have invented a new and Improved Table, of which the following is a full, clear, and exact description.

My invention relates particularly to tables capable of being tilted, and to be turned, and is especially intended for the use of clerks, accountants, and others requiring a large number of papers or books convenient of access.

The prime object of the invention is to provide an improved means to tiltably support the table and positively hold it at the desired angle, and to provide for the convenient vertical adjustment of the table, as well as for revolving the table or securing it against turning movement.

The invention will be particularly explained in the specific description following.

Reference is had to the accompanying drawings forming part of this specification, in which similar characters of reference indicate corresponding parts in all the views, and in which:

Figure 1 is a side elevation of a table embodying my invention; Fig. 2 is a fragmentary vertical section on the line 2—2 Fig. 1; Fig. 3 is a partial side elevation at right angles to Fig. 1; Fig. 4 is a fragmentary side view with parts in section on the line 4—4 of Fig. 3; and Fig. 5 is a detail horizontal section on the line 5—5, Fig. 1.

In constructing a practical embodiment of my invention in accordance with the illustrated example, a column 10 is provided and is hollow, or at least hollow at its upper portion. Pivotally supported in the upper end of the column 10 is a socket 11. Means for pivotally supporting the socket 11 may consist of adjustable screws 12 extending into the column 10 near the top, and constituting at their inner ends oppositely disposed pivot centers for the socket. The pivot screws may be adjusted or removed, and they are held in adjusted position by lock nuts 13.

A table is provided which may consist of a single top 14 or a plurality of tops, one above the other, there being shown in the present example a main table top 14 and a second smaller table top 15 supported above the first table top by a spindle 16. The top 14 is supported on a standard 17 which is stepped in the tiltable socket 11, to tilt with the latter. The standard 17 is adjustable vertically in the socket and is adapted to be turned therein for revolving the table. The lower end of the spindle 17 rests on the upper end of a vertical screw 18 which extends through the bottom of the socket 11, and is provided with a hand wheel 17 for turning it. To afford convenient access to the handle wheel 19 a side door 20 is provided in the column 10.

In order to tilt the socket 11 and the table supported therein actuating means are provided, for which purpose a bracket 21 on the column 10 is formed with bearings 22 in which a horizontal screw 23 is mounted to turn, the screw being provided with a hand wheel 24, or the like, for turning the same. A nut 25 is adapted to travel on the screw 23 in response to the turning of the latter, and a link 26 extends obliquely from the traveling nut 25, being pivotally connected with the latter as at 26^a. The upper end of the link 26 is pivotally connected as at 27^a with a laterally extending arm 27 rigid with the socket 11. With the described construction it will be seen that the screw 23 may be turned to the right or left to cause the nut 25 to travel on the screw, in response to which movement the link 26 will rock the socket 11 on its pivots, thereby tilting the table standard 17 and the table top or tops at an angle, or disposing the table top or tops in a level position. Moreover, the described actuating devices serve to firmly sustain the table in the adjusted position.

The table top and its standard may be revolved, the upper end of the screw 18 constituting a center bearing therefor, but I provide means to hold the table against turning, unless it is desired. The means to hold the table against turning comprises a split collar 28 supported on the upper end of the socket 11 and embracing the standard 17. At the split of the collar 28 ears 29 are formed one of which is threaded to receive the forwardly threaded end of a clamp spindle 30, the spindle extending freely through the other of said lugs and being shouldered at the outside of the latter lug. The spindle 30 has a hand wheel 31 or the like for turning the spindle. The spindle 30 turns in a bearing formed by a vertical lug 32 integral with the socket 11.

A rigid collar or enlargement 33 on the

spindle is disposed adjacent to the lug 32. The turning of the spindle serves to tighten or loosen the collar 28 on the standard 17 whereby to prevent the turning of the latter in the revolving of the table or to hold the same against turning.

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

1. An article of furniture comprising a hollow column, a socket extending into the upper end of the column and tiltable therein, means for tilting the socket and holding it in adjusted position, a table having a standard turnable in the socket and vertically adjustable therein, and an adjustable screw turnable in the bottom of the socket, the upper end of the screw forming a center bearing for the lower end of the table standard.

2. An article of furniture comprising a column, a socket pivotally supported in the upper end of the standard to be tilted therein and formed with a lateral arm, a table having a standard fitting said socket, a bracket on the column at the exterior below the lateral arm of the socket, a transverse screw revolubly supported on the bracket, a nut mounted to travel on said screw, and an obliquely disposed link pivotally connected at its lower end with the said nut and pivotally connected at its upper end with the lateral arm of the socket.

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

GEORGE S. TILLOTSON.

Witnesses:
N. SCHREINER,
W. O. WILLIAMS.

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