DE LACY E. BALLAM.

COMBINED TABLE AND CHAIR.

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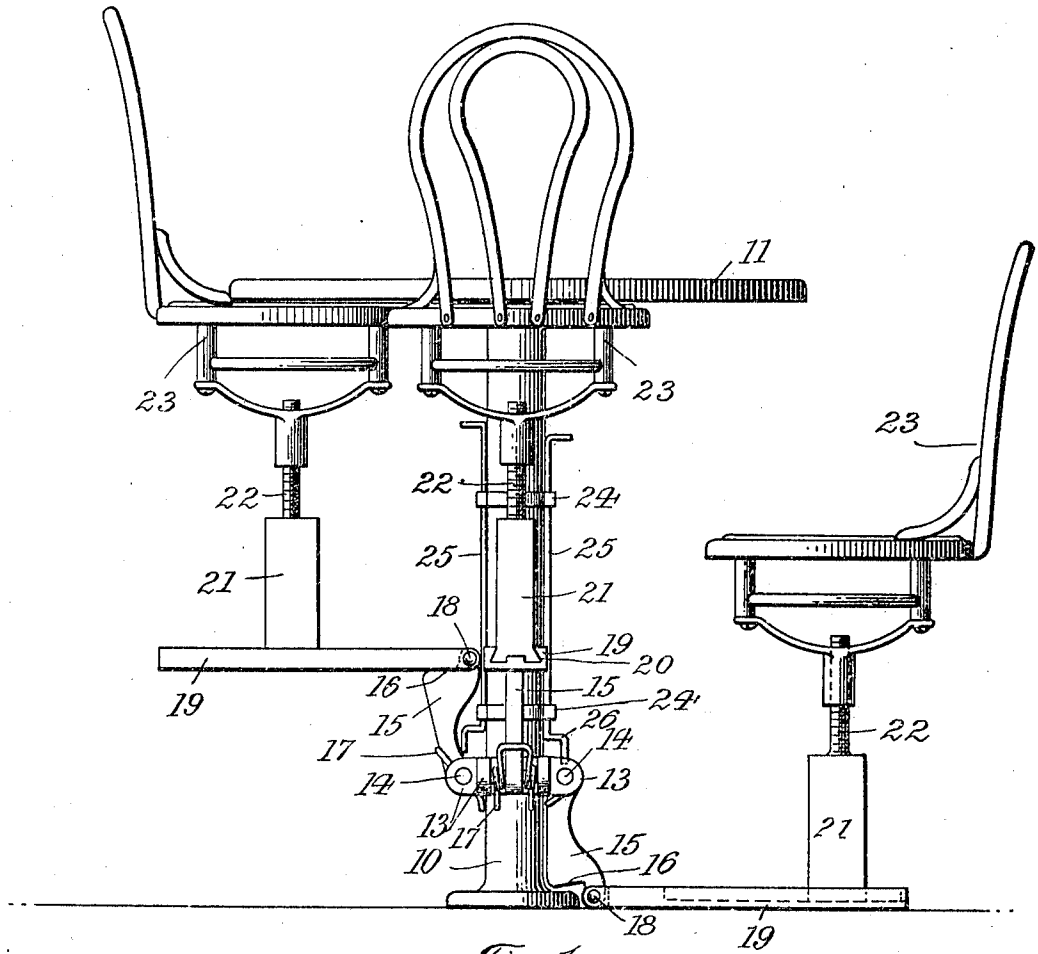

Fig. 1.

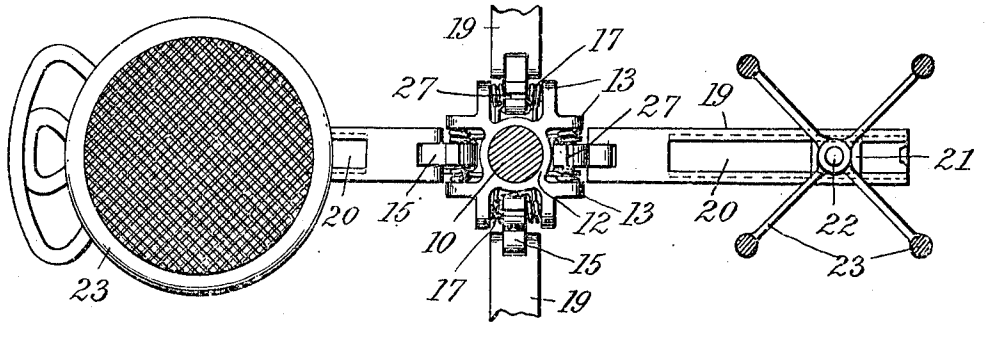

Fig. 2.

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UNITED STATES PATENT OFFICE.

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COMBINED TABLE AND CHAIR.

956,024. Specification of Letters Patent. Patented Apr. 26, 1910.

Application filed January 27, 1910. Serial No. 540,306.

To all whom it may concern:

Be it known that I, DE LACY E. BALLAM, a citizen of the United States, residing at New York city, Brooklyn, county of Kings, State of New York, have invented new and useful Improvements in a Combined Table and Chair, of which the following is a specification.

This invention relates to a combined table and chair of novel construction and in which the parts are so assembled that when the chairs are unoccupied, they may be moved upward and inward beneath the table top, while, when they are to be occupied, they may be moved downward and outward, to assume the proper position relatively to the table.

In the accompanying drawing: Figure 1 is a side elevation of my improved combined table and chair, and Fig. 2 a horizontal section, partly in plan, taken below the table top.

On the single central leg 10 of a preferably round table top 11, is fast near the bottom thereof a collar 12 provided with a suitable number of lugs 13 arranged in pairs. To each lug pair is journaled by pivot 14, an arm 15 having a shoulder 16. Pivot 14 is encompassed by a coiled spring 17 having a central bow-shaped section which engages arm 15 and tends to swing the same upward. To the free end of arm 15 is fulcrumed at 18, a radially extending foot or base plate 19, the elevation of collar 12 above the floor being such that when arm 15 is swung down, foot 19 will rest squarely upon the floor. Foot 19 is provided with a dove tail groove 20 constituting a guide-way that is slidably engaged by a post 21 carrying the spindle 22 of a turning chair-frame 23.

Above collar 12, leg 10 is provided with a pair of annular keepers 24, in which are guided a number of manually operable slides or locking bolts 25, the lower bent ends 26 of which are adapted to engage grooves 27 of arms 15.

When the chairs are to be occupied, arms 15 are swung downward, so as to lower the chairs and space them at the proper distance from the table, their exact position being regulable by the sliding connection of posts 21 with feet 19. In this position the chairs are maintained by lowering bolts 25 into engagement with grooves 27 and thereby holding arms 15 down against the action of springs 17. When the chairs are vacated, bolts 25 are raised to liberate arms 15 and cause the latter to be swung up by springs 17. In this way feet 19 will be raised to be sustained by shoulders 16 in a horizontal position at such a distance above the floor that the chair seats are carried below the table top, beneath which they are slid, until their backs strike the edge of said top.

It will be seen that by the construction described, the chairs, when out of use, may be readily projected beneath the table top, so as to no longer occupy serviceable room and to be protected against dust, while an orderly assemblage of the parts is insured. So also the chairs, when in use, are so connected to the table that they cannot be indiscriminately pushed about, so that here also valuable room is economized, while the chairs are protected against being thrown over or being otherwise injured by rough handling.

I claim:

1. A device of the character described, comprising a table having a leg, an arm having a shoulder and pivoted to the leg, a foot pivoted to the arm and adapted to be supported by the shoulder, and a chair connected to the foot.

2. A device of the character described, comprising a table having a leg, an arm having a shoulder and pivoted to the leg, a foot pivoted to the arm and adapted to be supported by the shoulder, a post slidably engaging the foot, and a chair-frame carried by the post.

3. A device of the character described, comprising a table having a leg, a spring-influenced arm having a shoulder and pivoted to the leg, a foot pivoted to the arm and adapted to be supported by the shoulder, a post slidably engaging the foot, a chair-frame carried by the post, and a bolt engaging the arm.

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Witnesses:
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