

(No Model.)

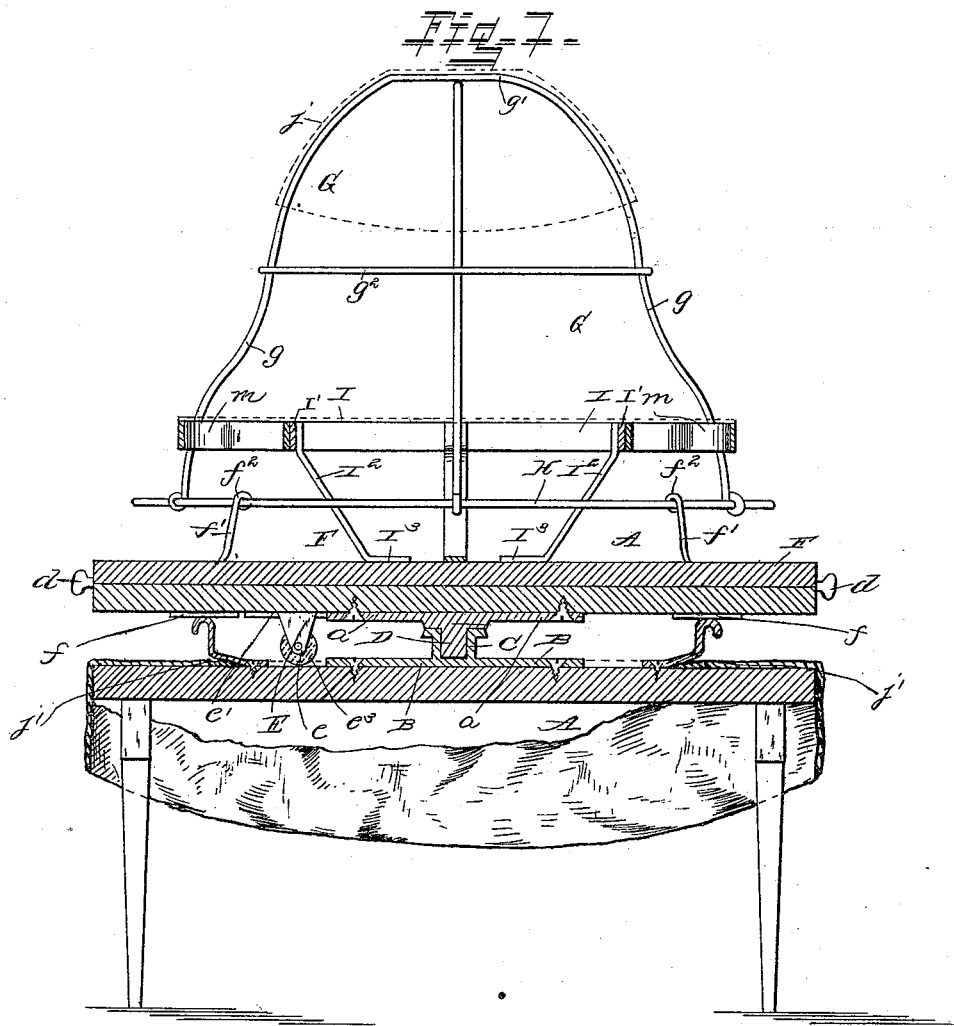
2 Sheets—Sheet 1.

W. H. NEWTON.

REVOLVING TABLE.

No. 348,042.

Patented Aug. 24, 1886.



WITNESSES.

Edward J. Schneider.
John D. McCall.

INVENTOR.

William H. Newton

By Dupre & Co

ATTORNEYS.

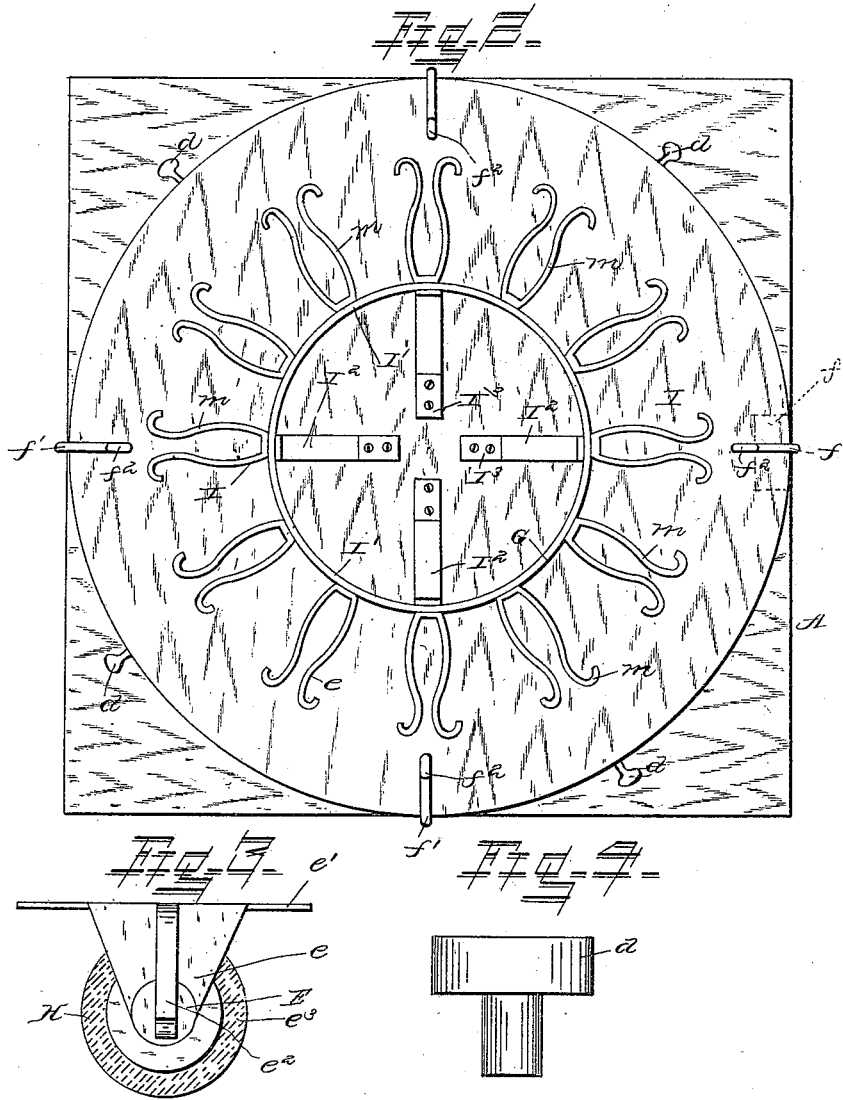
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UNITED STATES PATENT OFFICE.

WILLIAM HENRY NEWTON, OF ASSUMPTION, ILLINOIS.

REVOLVING TABLE.

SPECIFICATION forming part of Letters Patent No. 348,042, dated August 24, 1886.

Application filed January 13, 1886. Serial No. 188,411. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM HENRY NEWTON, a citizen of the United States of America, residing at Assumption, in the county of Christian and State of Illinois, have invented certain new and useful Improvements in Revolving Tables, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to an improvement in revolving tables; and it consists in the peculiar construction, combination, and arrangement of the parts, substantially as hereinafter more fully shown and described.

In the accompanying drawings, Figure 1 is a vertical sectional view of my invention. Fig. 2 is a plan view with the curtain-frame removed; and Figs. 3 and 4 are detail views.

In the embodiment of my invention I employ, preferably, a square stationary table, A, and rigidly secure to its upper face cross-straps B, and from the center of said straps, at the point where they are integral with each other, I cast an upwardly-projecting thimble, C, said thimble having an outwardly-projecting flange formed on its upper surface. Secured to the under surface of the revolving table F (hereinafter described) are two similarly-made cross straps, *a*, corresponding in length to the straps B, and said straps *a* are at their central portion provided with a thickened portion, forming a shoulder resting on the outwardly-projecting flange of the thimble C. To the center of said thickened portion is cast integral therewith and projecting downwardly therefrom a small trunnion or protuberance, D, which extends into the thimble C, the purpose of which will appear further on. To the under surface of the revolving table F are secured at suitable points two or more casters, E, each roll or caster being pivotally supported between two approximately V-shaped hangers, *e*, the axle or pivotal bearing being secured in apertures formed in the lower ends thereof. Said hangers are connected at their upper ends to a longitudinal connecting-plate, *e'*, said plate being secured to the under side of the revolving table by screws or other suitable means. To the outer hanger, *e*, is secured at its upper end an elastic piece of metal, serving as a fender, *e''*, to prevent contact of the curtain (hereinafter

referred to) with the roll or caster E. Said roll or caster is preferably covered on its outer surface with rubber or other suitable material, *e'''*, to prevent friction and noise in revolving table F.

The top of revolving table F is constructed of two corresponding circular pieces of wood glued together, the grain of the wood of the pieces being disposed so as to project cross-wise, which prevents the table from warping.

At suitable distances apart are secured to the under side of revolving table by means of a metallic plate, *f*, one end of four or more elastic metallic brackets, *f'*, said brackets being bent along up the side edge of said table and then bent inwardly a short distance, and thence upwardly, where at its upper end it is provided with an eye or aperture, *f''*, formed by bending the metal over against itself.

G is a bell-shaped frame comprising strands of strong wire *g*, which at its upper end is connected to a circular band or hoop, *g'*, and are then bent outwardly a short distance, and then carried downward in nearly a straight plane, and thence again outwardly, and at its lower end is passed around a large ring or hoop, H, and is formed into an eye or aperture, thus tightly securing itself in position in said ring or hoop. At about the end of the vertical portion of the wires *g* is secured a ring or hoop, *g''*, for additionally securing and holding the parts together. The ring or hoop H is supported in position over the revolving table F by means of the elastic metallic brackets *f'*. Upon this frame may be supported one or more curtains or covers of different sizes, the smaller kind, *j*, being shown in dotted lines, Fig. 1. It is obvious that the object of the curtains is to protect the table and its contents from dust, &c., when not in use.

The book-supporting shelf I consists of a metallic circular band, I', supported upon the revolving table F by the inwardly-inclined standards I², having feet I³. The inclined standards are soldered or otherwise rigidly secured to the band at top, and are each provided with screw-orifices for securing them to the table. The band I' has rigidly secured to its periphery the horizontally-projecting spring-clamps *m*. These spring-clamps are slightly curved outwardly from their inner ends where secured to said metallic band I', for

thus forming in pairs book-clamps, the books being clamped where the curve in projecting inwardly brings the clamps nearly together, and from thence in continuation the outer end of each clamp is curved outwardly and rounded off, as shown.

At suitable distances apart are secured to the top of the stationary table A right-angul-
10 arly-bent plates, forming spring-fenders *j'*, each of which is in its horizontal portion provided with apertures for the insertion of screws in securing it to the table-top, and the upper
15 end of the vertical portion of said fender is slightly curved, the purpose of which will ap-
pear further on. To the exposed portion of the stationary table A may be applied an or-
namental cover, which is provided with a cir-
20 cular opening, and in practice is designed to be placed in position before placing the re-
volving table F in position on said stationary table A. The afore-described spring-fenders
j' serve to hold said cover in position by inser-
25 tion of a small portion under the outer end of the horizontal plates of said fenders, thus se-
curely holding the same as against any acci-
dental displacement. Secured to the outer
side edge of the revolving table F are four or
more knobs, *d*, for the convenient turning or
revolving of said table.

30 Thus constructed, the table may be employed with great convenience, not only for all ordi-
nary domestic purposes, but, in connection with its curtains, for inclosing and covering

articles of food and books, it may be caused to serve as a cupboard, and also as a library. 35

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination, with the stationary and revolving tables, of the book-supporting shelf
40 consisting of the spring-clamps, the metallic band to which said clamps are secured, and the inclined standards, substantially as shown and described.

2. The combination, with the stationary and revolving tables, of the bell-shaped frame and the metallic brackets supporting said frame
45 secured to said revolving table, as and for the purpose set forth.

3. The combination, with the stationary table, of the right-angularly-bent spring-fenders
50 secured at one end to the upper surface to said table for retaining in position the cover or curtain, substantially as shown and described.

4. The herein-described table, comprising
55 the revolving table pivoted to the stationary table, the book-supporting shelf secured to said revolving table, the bell-shaped frame, and the metallic brackets supporting said frame, substantially as shown and described. 60

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM HENRY NEWTON.

Witnesses:

I. L. LONG,

J. C. HENRY.