No. 790,804. PATENTED MAY 23, 1905.

W. H. REIFF.

ADVERTISING WRITING TABLE.

APPLICATION FILED JUNE 2, 1904.

Fig. 1.

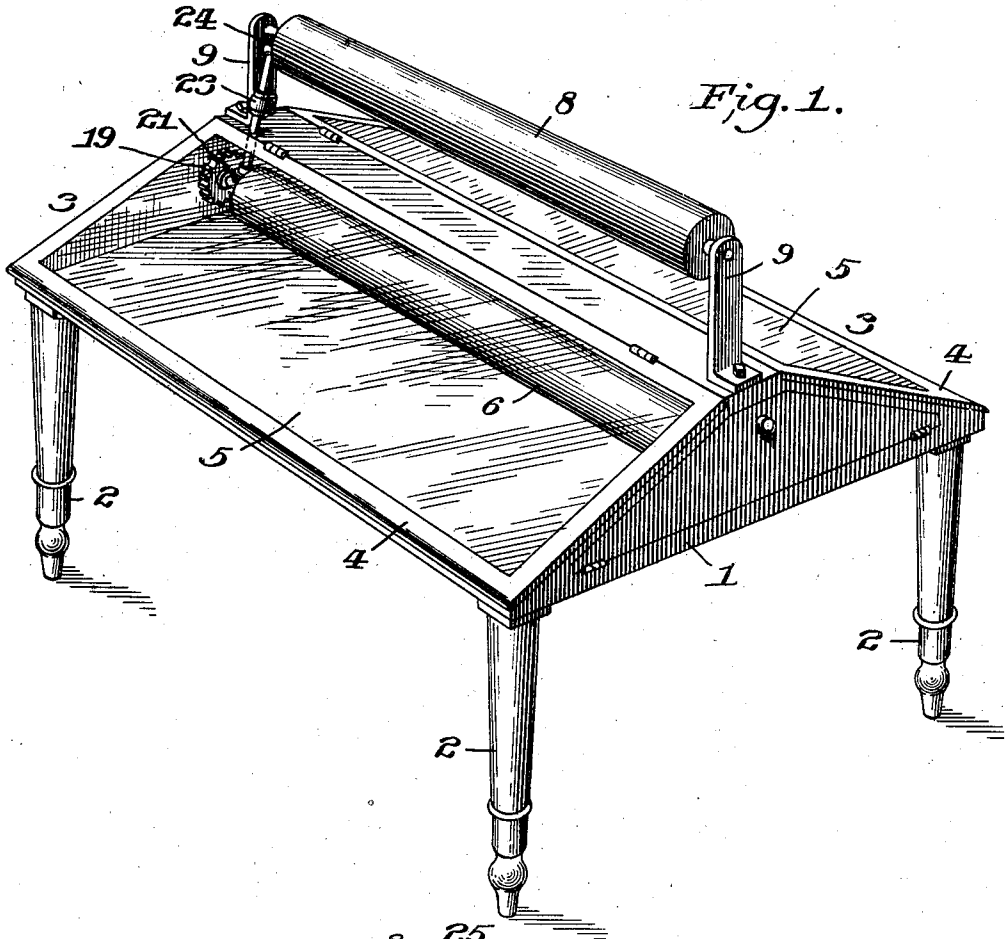
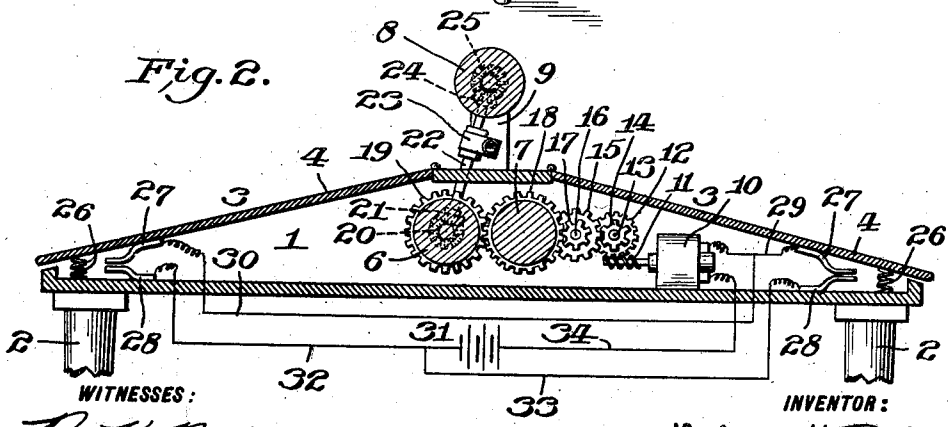


Fig. 2.



WITNESSES:

R. F. Perkins.

E. H. Gamble.

INVENTOR:

William H. Reiff

BY

A. V. Groupe

ATTORNEY.

No. 790,804. Patented May 23, 1905.

UNITED STATES PATENT OFFICE.

WILLIAM H. REIFF, OF PHILADELPHIA, PENNSYLVANIA.

ADVERTISING WRITING-TABLE.

SPECIFICATION forming part of Letters Patent No. 790,804, dated May 23, 1905.

Application filed June 2, 1904. Serial No. 210,773.

To all whom it may concern:

Be it known that I, WILLIAM H. REIFF, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Advertising Writing-Tables, of which the following is a specification.

This invention relates to advertising writing-tables, and has for its object to provide a writing-table with a simple and efficient construction of mechanism whereby a member adapted to carry advertising matter may be moved to bring the advertisements carried thereby to the attention of the user of the table.

With this object in view the invention consists in the novel construction and combinations of parts, which will be hereinafter fully described and claimed.

In the drawings, Figure 1 is a perspective view of my improved table. Fig. 2 is a vertical section through one end of the table, showing the supporting-legs partly broken away.

The table comprises a casing 1 and the supporting-legs 2 therefor. The casing is provided with oppositely-inclined hinged doors 3, which form the top of the table and by means of which access may be readily had to the interior of the casing. Each door comprises a frame 4, inclosing a panel of glass 5 or other transparent material.

Arranged longitudinally of the table are three parallel rollers 6, 7, and 8. The two rollers 6 and 7 are arranged side by side and centrally within the casing 1, and the roller 8 is arranged centrally of the table and a slight distance above the top thereof, the rollers 6 and 7 being journaled in the end walls of the casing and the roller 8 being journaled in suitable standards.

Suitably arranged within the casing 1 is an electric motor 10, the shaft of which is provided with a worm 11 in engagement with a worm-wheel 12 on a stud-shaft 13, journaled in the casing. This shaft 13 is provided with a pinion 14, in mesh with a gear-wheel 15 on a stud-shaft 16, and the stud-shaft 16 is provided with a pinion 17, in mesh with a gear-wheel 18 on the shaft of the roller 7. The gear-wheel 18 is in mesh with a similar wheel 19 on the shaft of the roller 6, to the end that when the motor 10 is actuated the rollers 6 and 7 will be slowly rotated in opposite directions to each other by the gearing just described.

The shaft of the roller 6 is provided with a bevel gear-wheel 20, which coacts with a similar wheel 21 on the lower end of an inclined shaft 22, which extends through the top of the casing and is journaled in a bearing 23, secured to the adjacent standard 9. The upper end of the shaft 22 is provided with a bevel gear-wheel 24, in mesh with a similar gear-wheel 25 on the shaft of the roller 8, whereby when the rollers 6 and 7 are slowly rotated the roller 8 will also be slowly rotated.

Each door 3 3 rests normally upon a spring 26, located within the casing 1, the distance between the bottom of each door and the top of the casing being such as to permit a slight depression of the door against the action of the spring. Secured to the frame 4 of each door 3 is a contact-plate 27, and secured to the bottom of the casing directly beneath each plate 27 is another contact-plate 28. The plates 27 27 are connected with one brush of the motor 10 by wires 29 30, and the plates 28 28 are connected to an electric battery 31 by wires 32 33, and the battery is connected to the other brush of the motor 10 by a wire 34.

When the doors 3 3 are in their raised or normal positions, the contact-plates 27 and 28 are out of contact with each other, and the electric circuit is broken, and when either door 3 3 is depressed against the action of its spring 26 by the weight of the arm of the person using the desk the contact-plate 27 will be moved into engagement with the plate 28, thereby completing the electric circuit and starting the operation of the motor 10, which through the mechanism hereinbefore described will slowly rotate the rollers 6, 7, and 8. When the weight is removed from the door 3, the spring 26 will raise the door suffi-

cient to disengage the plates 27 and 28, thereby breaking the electric circuit and stopping the rotation of the rollers 6, 7, and 8.

The rollers 6, 7, and 8 are adapted to receive advertising matter of various kinds. Therefore it will be seen from the construction hereinbefore described that when a person uses either side of the table the weight of the arm resting on either door 3 will cause the making of the electric circuit, thereby causing the rotation of rollers 6, 7 and 8, and thus draw the attention of the user of the table to the advertisements carried by the said rollers.

When the arm of the user is raised from the table the action of the spring 26 will cause the breaking of the electric circuit, and thus stop the rotation of the rollers 6, 7, and 8, which remain idle while the table is not being used.

I claim—

1. In a table of the character described, the combination of a movable member adapted to carry advertising matter, a motor for actuating said member, connections between said motor and member, and means for automatically starting the operation of said motor upon the application of pressure to the top of the table.

2. In a table of the character described, the combination of a movable member adapted to carry advertising matter, an electric motor for actuating said member, connections between said motor and member, a normally open electric circuit connected to said member, and means for automatically closing said circuit upon the application of pressure to the top of the table.

3. The combination of a table provided with a transparent top, a movable member adapted to carry advertising matter located below said top, a motor for actuating said member, connections between said motor and member, and means for automatically starting the said motor upon the application of pressure to the top of the table.

4. The combination of a table provided with a transparent top, a movable member adapted to carry advertising matter located below said top, an electric motor for actuating said member, connections between said motor and member, a normally open electric circuit connected to said motor, and means for automatically closing said circuit upon the application of pressure to the top of the table.

5. The combination of a table provided with a transparent top, a roller located below said top and adapted to carry advertising matter, a motor, and connections between said roller and motor.

6. The combination of a table provided with a transparent top, a roller located below said top and adapted to carry advertising matter, a motor, connections between said roller and motor and means for automatically operating said motor upon the application of pressure to the top of the table.

7. The combination of a table provided with a transparent top, a roller located below said top and adapted to carry advertising matter, a roller located above said top and adapted to carry advertising matter, a motor, gearing between said rollers, and gearing between said rollers and motor.

8. The combination of a table provided with a transparent top, a pair of parallel rollers located below said top and adapted to carry advertising matter, a motor, gearing between said rollers, and gearing between said rollers and motor.

9. The combination of a table provided with a transparent top, a pair of parallel rollers located below said top and adapted to carry advertising matter, a roller located above said top and adapted to carry advertising matter, a motor, gearing between the pair of rollers, gearing between the pair of rollers and said roller, and gearing between the pair of rollers and the motor.

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

WILLIAM H. REIFF.

Witnesses:
A. V. GROUPE,
RALPH H. GAMBLE.