May 1, 1923.

1,453,755

T. G. CRAVER

ADVERTISING DEVICE

Filed Oct. 6, 1922

2 Sheets-Sheet 1

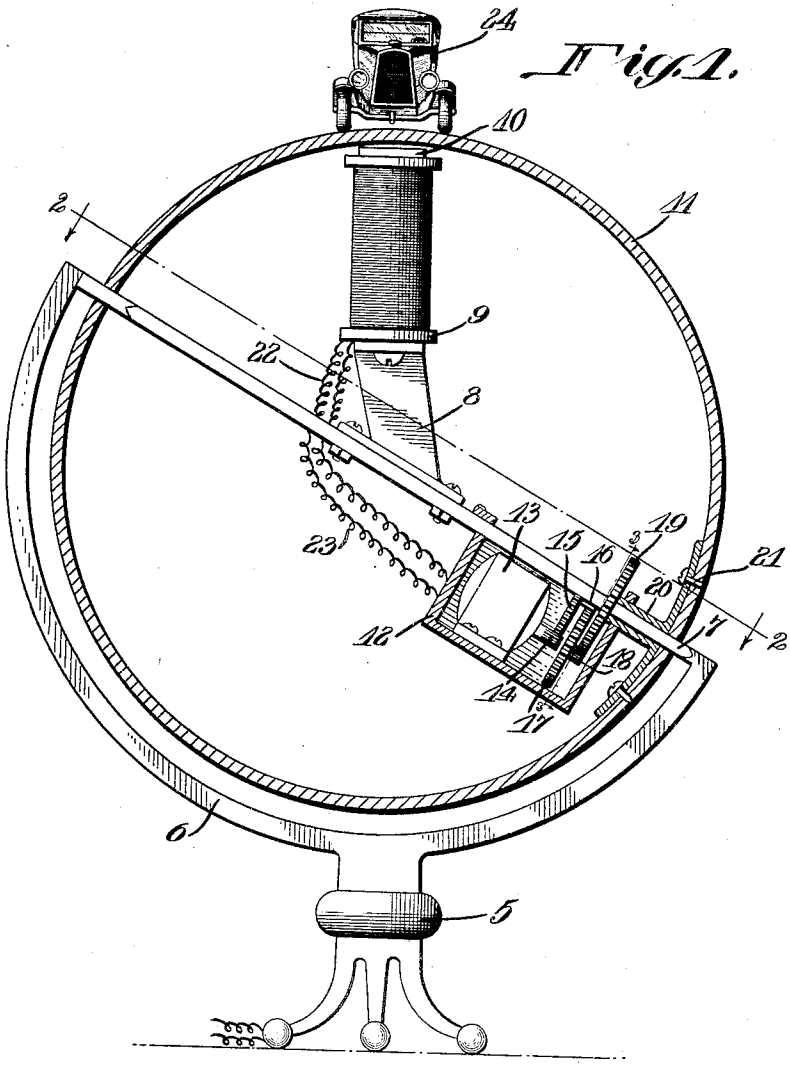


Fig. 1.

T. G. Craver,

Inventor

By C. A. Snow & Co.

Attorneys

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2 Sheets-Sheet 2

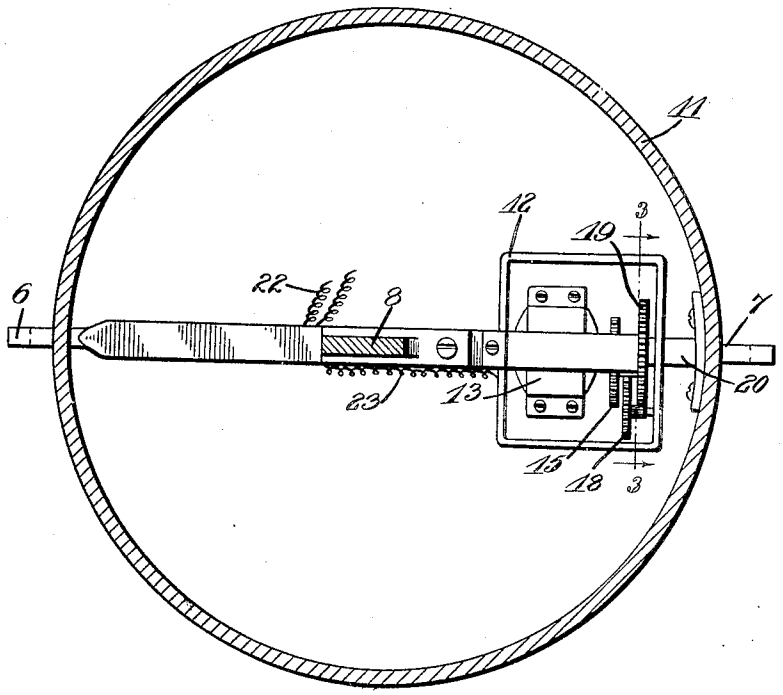


Fig. 2.

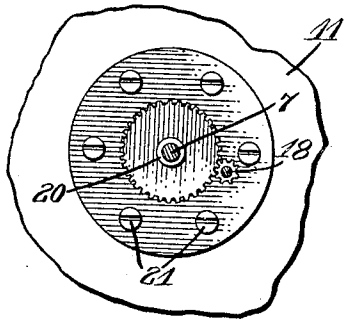


Fig. 3.

T. G. Craver,

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By C. A. Snow & Co.

Attorneys

Patented May 1, 1923. 1,453,755

UNITED STATES PATENT OFFICE.

THOMAS G. CRAVER, OF MOUNT HOPE, WEST VIRGINIA, ASSIGNOR OF ONE-FOURTH TO M. L. PARKER, OF MOUNT HOPE, WEST VIRGINIA, AND ONE-FOURTH TO LEM DOUGLESS, OF SCARBORO, WEST VIRGINIA.

ADVERTISING DEVICE.

Application filed October 6, 1922. Serial No. 592,744.

To all whom it may concern:

Be it known that I, THOMAS G. CRAVER, a citizen of the United States, residing at Mount Hope, in the county of Fayette and State of West Virginia, have invented a new and useful Advertising Device, of which the following is a specification.

This invention relates to a display device, the primary object of the invention being to provide a display device wherein an article will be held on a moving surface, the means for holding the article to the surface being positioned within the support.

Another object of the invention is to provide means for rotating the support under the article supported thereby.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawings:

Figure 1 is a sectional view through a display device constructed in accordance with the present invention.

Figure 2 is a sectional view taken on line 2—2 of Figure 1.

Figure 3 is a sectional view on line 3—3 of Figure 2.

Referring to the drawings in detail, the reference character 5 designates the support which is provided with hollow curved arms 6, the ends of the arms being connected by means of the shaft 7, which is disposed at an angle as clearly shown by Figure 1 of the drawings.

Secured to the shaft 7 is a bracket 8 that supports the electromagnet 9, the attracting end thereof being indicated at 10 and disposed in proximity to the inner wall of the globe 11 which is supported on the shaft 7. Mounted on the shaft 7 is a housing 12 in which is positioned the motor 13 that carries a pinion 14 at one end of the rotor shaft thereof, the pinion 14 meshing with the gear 15 that carries the pinion 16 meshing with the gear 17. A pinion 18 rotates with the gear 17 and meshes with the gear 19 secured to one end of the tubular shaft 20, the tubular shaft being secured to the inner wall of the globe 11 as by means of the screws 21. This shaft 7 is hollow to house the wires 22 and 23, which wires also pass through one of the hollow arms 6, where they have connection with a suitable source of electric supply not shown.

Thus it will be seen that when the motor 13 is in operation, the gearing which is associated with the gear 19 rotates, causing a corresponding rotation of the globe 11. As the magnet 9 is energized, the article which is supported on the globe and which in the present showing is in the form of an automobile indicated at 24, is attracted and held to the surface of the globe at a point directly above the magnet 9, to the end that as the globe 11 rotates under the article 24 the wheels thereof are rotated simulating the movements of a motor vehicle.

It might be further stated that the outer surface of the globe may be ruled to simulate the world.

What is claimed as new is:—

In a device of the character described, a globe, a support for the globe, said support including hollow curved arms, a hollow shaft connected with the curved arms, said globe having openings to receive the hollow shaft, a tubular shaft surrounding the hollow shaft and secured to the inner surface of the globe, a gear secured to the inner surface of the globe, a housing supported by the hollow shaft, a motor in the housing, gearing in the housing and in mesh with the first mentioned gear to revolve the globe, an electro-magnet supported by the hollow shaft, the attracting end thereof being disposed in proximity to the inner wall of the globe, and an article positioned on the outer surface of the globe to be attracted by the electro-magnet.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

THOMAS G. CRAVER.

Witnesses:

M. L. PARLIER,

CHAS. M. LOMENSER.