G. SEVCZOV.

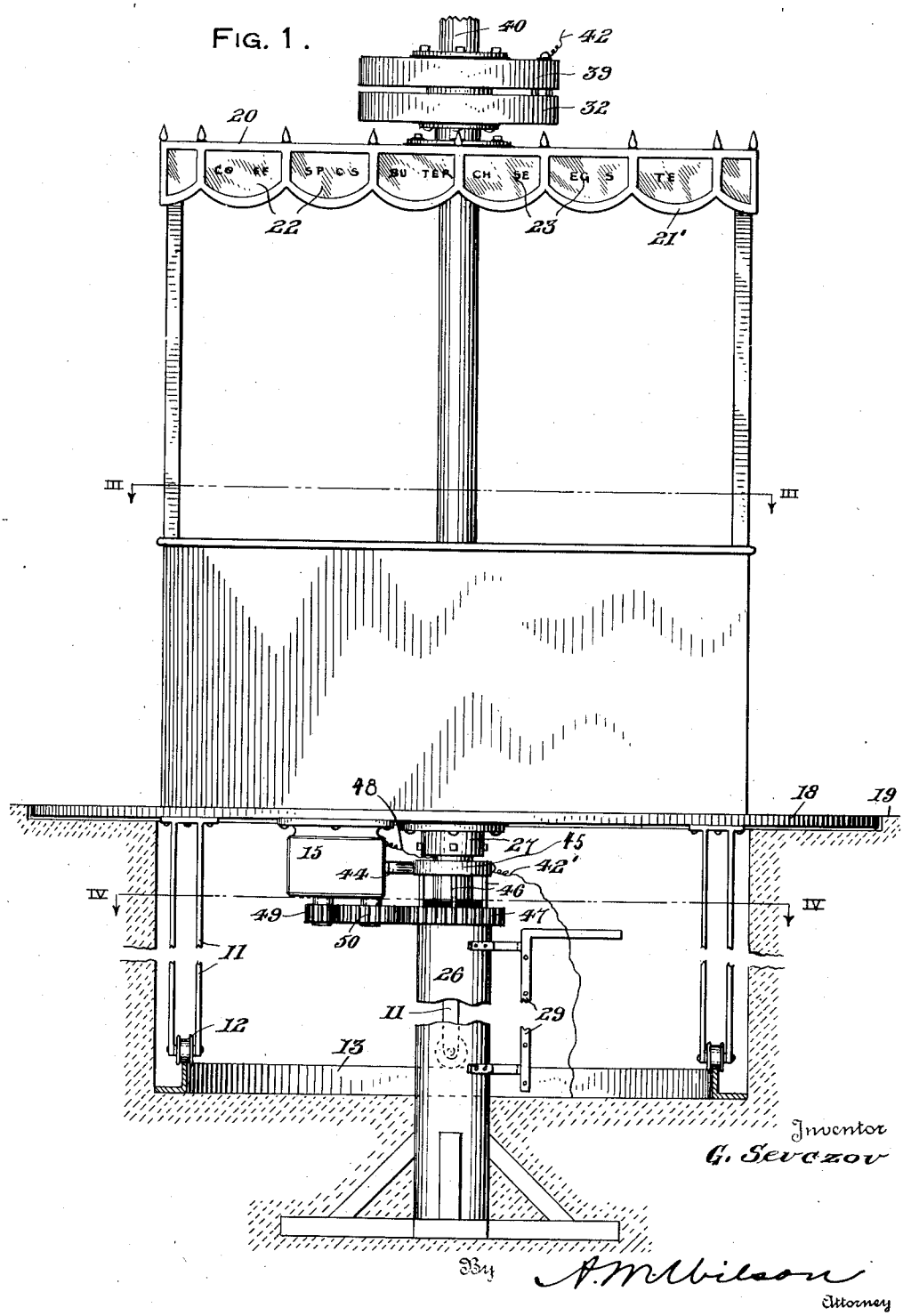
REVOLVING VENDING BOOTH.

APPLICATION FILED JULY 31, 1919.

1,343,794. **Patented June 15, 1920.**

4 SHEETS—SHEET 1.

FIG. 1.



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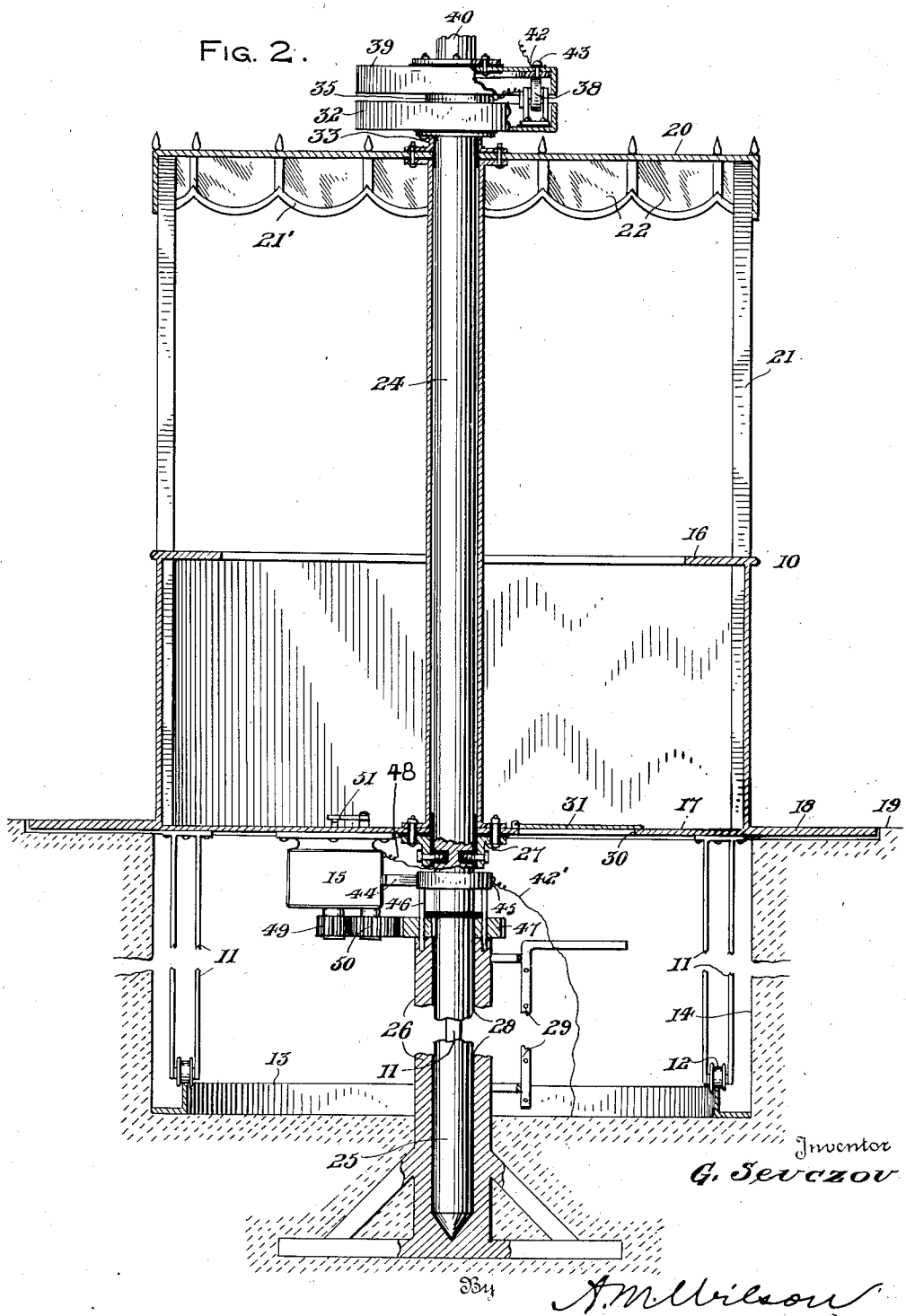
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4 SHEETS—SHEET 2.

FIG. 2.



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4 SHEETS—SHEET 3.

FIG. 3.

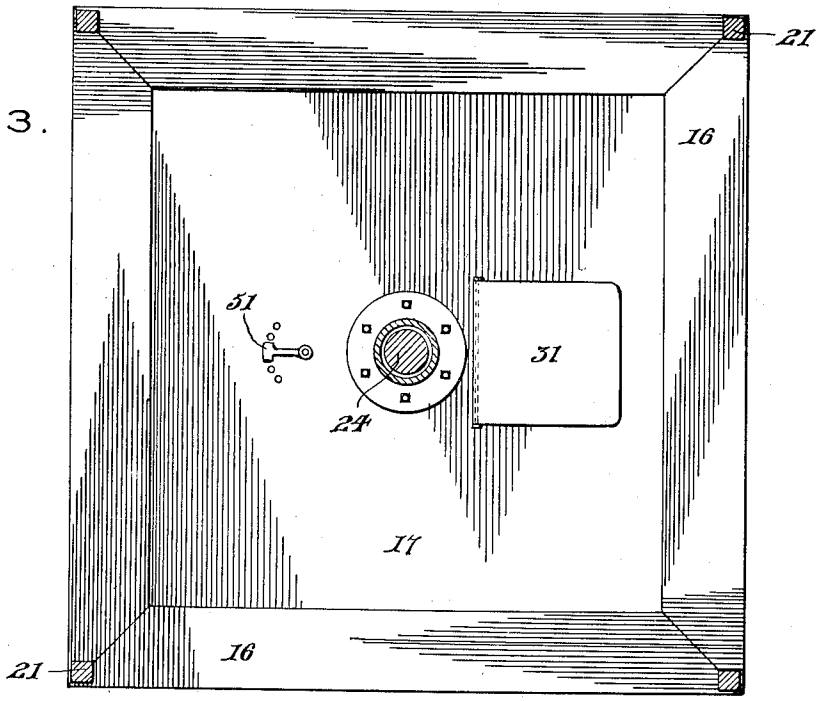
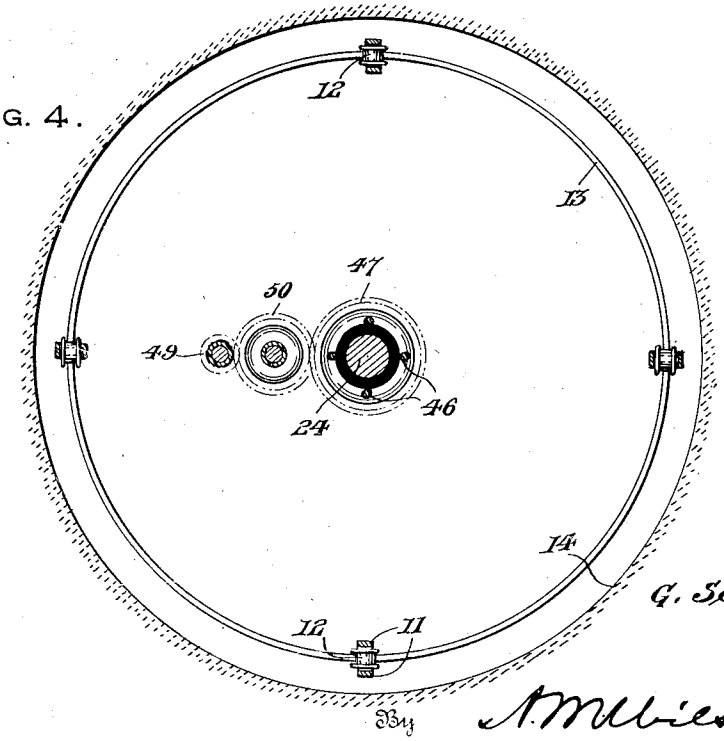


FIG. 4.



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4 SHEETS—SHEET 4.

FIG. 5.

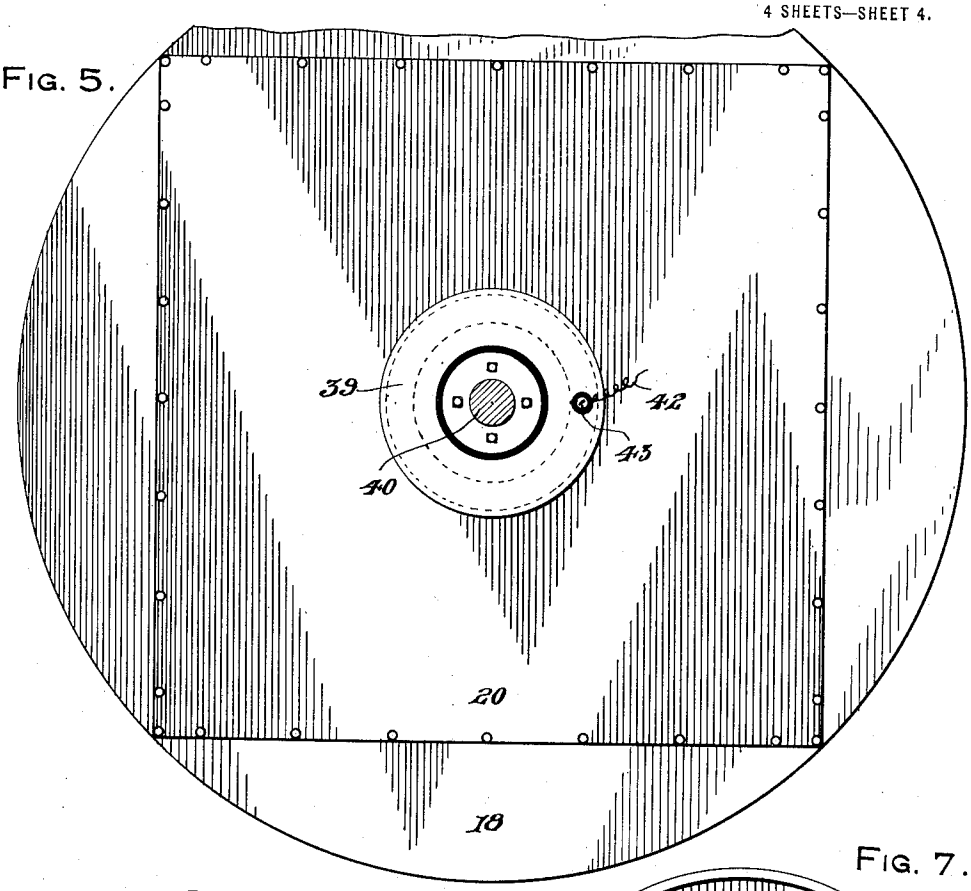


FIG. 6.

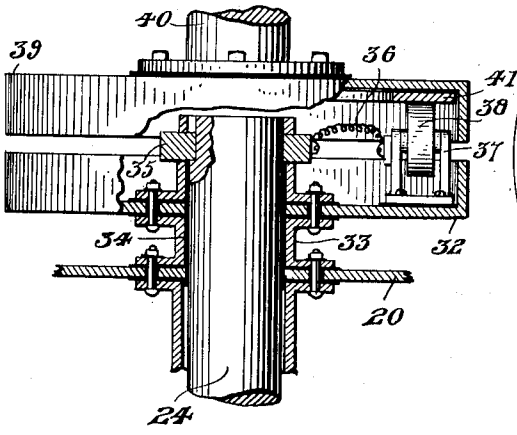
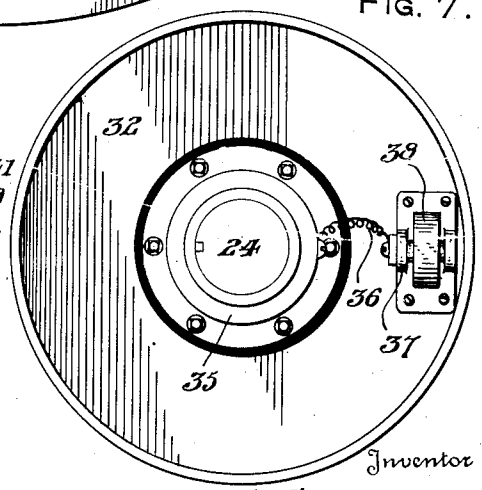


FIG. 7.



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UNITED STATES PATENT OFFICE.

GEORGI SEVCZOV, OF RALPHTON, PENNSYLVANIA.

REVOLVING VENDING-BOOTH.

1,343,794. Specification of Letters Patent. Patented June 15, 1920.

Application filed July 31, 1919. Serial No. 314,498.

To all whom it may concern:

Be it known that I, GEORGI SEVCZOV, a citizen of Ukraine, residing at Ralphton, in the county of Somerset and State of Pennsylvania, have invented certain new and useful Improvements in Revolving Vending-Booths, of which the following is a specification.

My invention has for an object the provision of a revolving vending booth adapted for selling articles or merchandise such as newspapers, magazines, candy and cigars, the booth being adapted to revolve controlled by the vender for displaying goods as well as names thereof to the prospective purchasers.

A further object of the invention is to provide an electrically-revolved vending booth occupied by the seller who can readily control the turning of the device provision being made for carrying customers around with the booth when sufficiently near the same to make a purchase.

A still further object of the invention is to provide a selling booth that is ornamental in appearance and has electrically revolving means so that the booth is capable of carrying the articles to be sold as well as the seller positioned therein and also a number of purchasers who are standing near the booth, the structure possessing great strength and being readily controlled by the vender.

With these general objects in view the invention consists of the combination and arrangement of parts hereinafter fully described, in connection with the accompanying drawings, and in which like reference characters refer to corresponding parts throughout the several views.

In the drawings,

Figure 1 is a side elevation of the invention with parts broken away,

Fig. 2 is a transverse vertical sectional view of the same,

Figs. 3 and 4 are horizontal sectional views taken respectively upon lines III—III and IV—IV of Fig. 1,

Fig. 5 is a top plan view of the invention,

Fig. 6 is an enlarged view of the upper portion thereof partly in section and partly in elevation illustrating the electrical connections, and

Fig. 7 is a top plan view of a portion of the same with the cover member removed.

My invention broadly consists of a rectangular vending booth 10 having legs 11 provided with rollers 12 mounted to revolve upon a circular track 13, within a pit 14, formed in the ground, an electric motor 15 serving to supply the motive power.

The booth 10 has a rectangular counter 16 for displaying goods to be sold, the merchant being position upon the floor 17 of the booth mounted upon the said legs 11. A circular platform 18 surrounds the lower end of the booth adjacent the surface of the ground 19 and upon which platform purchasers may readily walk when desiring to procure articles from the counter 16.

A canopy or roof 20 supported by corner posts 21 mounted upright on the floor 17 has a depending scalloped apron 21′ provided with transparent panels 22 upon which the names of the goods to be sold are exhibited as at 23.

An upright shaft 24 is axially secured through the booth and insulated therefrom with a tapered lower end 25 journaled in a standard 26 positioned centrallly beneath the pit and terminating in the pit.

A collar 27 is secured beneath the floor 17 to the shaft 24 and insulated therefrom while the shaft portion 25 is separated from the standard 26 by suitable insulation 28. A ladder 29 upon the standard 26 within the pit 14 is positioned beneath an opening 30 in the booth floor 17 normally closed by a trap-door 31. A cup 32 is mounted upon the roof 20 surrounding the shaft 24 by means of a sleeve 33 adapted for turning with the shaft with the roof and sleeve 33 and cup 32 separated from said shaft by insulation 34. A ring 35 electrically-connected with the upper end portion of the shaft 24 is electrically connected by a wire 36, with a bracket 37 secured in the cup 32, and provided with a bearing wheel 38.

An inverted cup 39 insulated from and carried by a stationary support 40 is positioned above the cup 32 with a transmission ring 41 therein upon which the wheel 38 is adapted to travel. A line wire 42 is elec-

trically-connected to the member 41 by a post 43 extending through the top of the cup 39. The electric motor 15 heretofore referred to depends from the floor 17 with a contact brush 44 in constant wiping connection with a ring 45 surrounding the shaft 24 but separated therefrom and mounted by means of posts 46 upon a fixed gear 47 carried by the top of the standard 26.

The motor 15 and shaft 24 are both secured for turning with the floor 17 and are electrically-connected together by a wire 48. The electric current from the line wire 42 passes through the shaft 24 and wire 48 to the motor 15, the return circuit being through the brush 44 and collar 45 to another line wire 42′ a portion of which is illustrated within the pit 14.

The power pinion 49 of the motor 15 meshes with an idler 50 carried by the motor while the gear 47 is in constant mesh with the idler 50 during the operation of the motor 15. The motor will revolve in a plane around the stationary gear 47 carrying the booth 10 in a revolving manner with the platform 18 and the cup 32 while the cup 39 and support 40 as well as the standard 26 and the track 13 are stationary. The journaling of the shaft end 25 in the standard 26 assists to maintain the booth 10 upright supported for travel upon the track 13 by the legs 11.

The complete operation of the invention will be apparent, the merchant standing in the booth 10 selling his wares, to purchasers stepping upon the platform 18 while the revolving of the booth is controlled by a foot-controller 51, provided upon the floor 17 for the motor 15. The novel appearance of the vending booth renders the same attractive while the names of the goods are displayed to the public and the novelty of riding upon the traveling platform 18 while purchasing is calculated as an additional attraction.

While the form of the invention herein set forth is believed preferable, it will be understood that minor changes may be made therein without departing from the spirit and scope of my invention as claimed.

What I claim as new is:—

1. In combination with a revolving booth, a journaled upright shaft secured axially through the booth, a cup upon the top of the shaft above the booth, a bearing roller carried by the cup electrically connected to the shaft, an electric motor secured to the bottom of the booth, electric connections between the shaft and motor, a fixed gear operatively connected to the motor, a ring carried by the gear, wiping electrical connections between said ring and motor, and line wires in electrical connection with said ring and the roller.

2. In combination with a revolving booth, a journaled upright shaft secured axially through the booth, a cup upon the top of the shaft above the booth, a bearing roller carried by the cup electrically connected to the shaft, an electric motor secured to the bottom of the booth, electrical connections between the shaft and motor, a fixed gear operatively connected to the motor, a ring carried by the gear, wiping electrical connections between the said ring and motor, an inverted cup fixed above said aforementioned cup, an annular band in said inverted cup upon which said roller is adapted to travel during the revolving of the booth, and separate line wires electrically connected to said stationary band and ring.

In testimony whereof I affix my signature.

GEORGI SEVCZOV.