

No. 685,110.

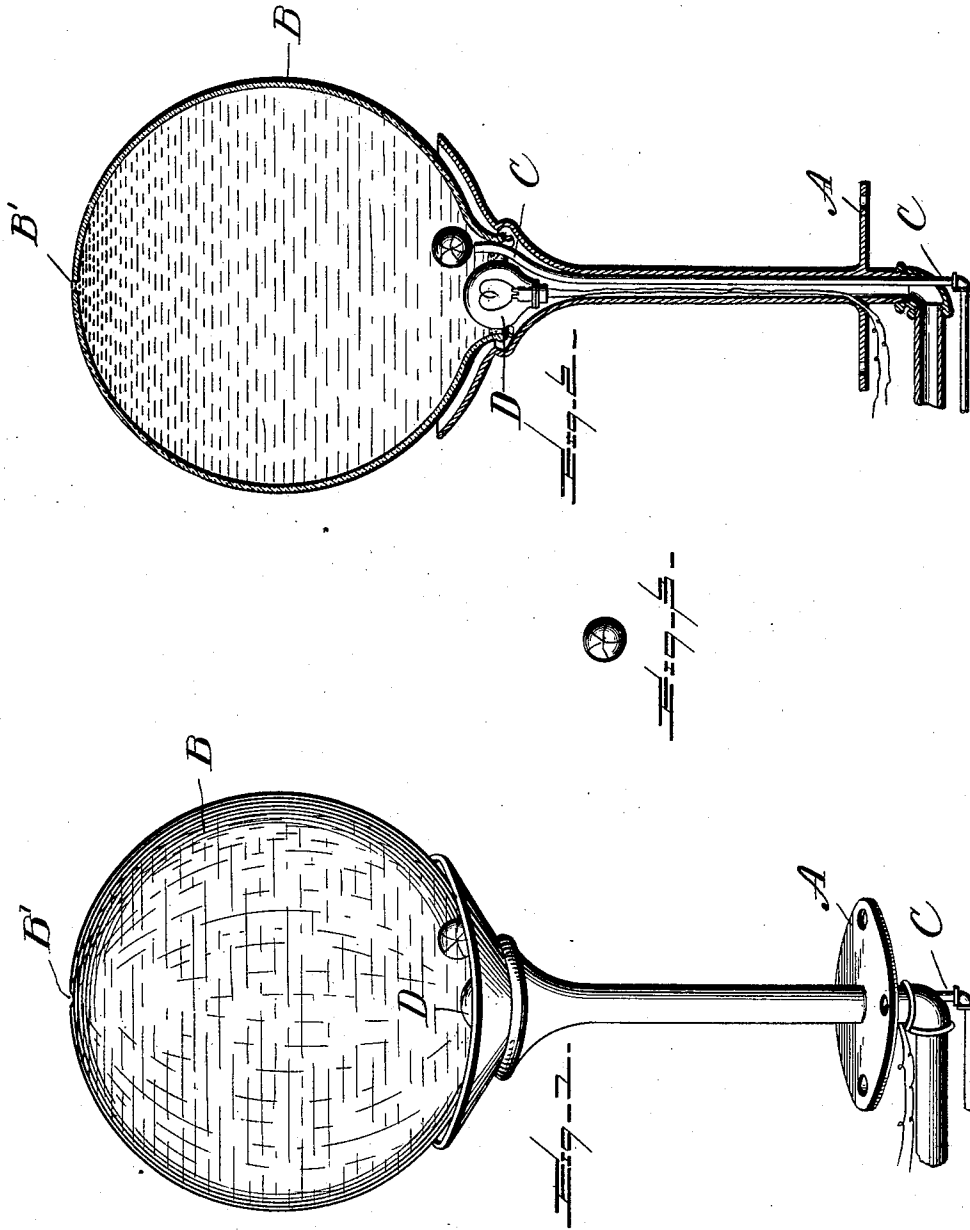
Patented Oct. 22, 1901.

F. B. CROUCH.

ELECTRICALLY ILLUMINATED DISPLAY FOUNTAIN.

(Application filed June 13, 1901.)

(No Model.)



WITNESSES:

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FRANKLIN B. CROUCH, OF NEW YORK, N. Y.

ELECTRICALLY-ILLUMINATED DISPLAY-FOUNTAIN.

SPECIFICATION forming part of Letters Patent No. 685,110, dated October 22, 1901.

Application filed June 13, 1901. Serial No. 64,427. (No model.)

To all whom it may concern:

Be it known that I, FRANKLIN B. CROUCH, a citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Electrically-Illuminated Display-Fountains; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in electrically-illuminated display-fountains; and it consists in the provision of a transparent globe or inclosure mounted upon a suitable standard containing an illuminating incandescent lamp and a rotary ball made up of various colors and transparent, said ball adapted to be rotated adjacent to the electric lamp by the impact of a stream of water which is forced into the ball or globe and allowed to overflow through the apertured top of the globe and run down the sides thereof into a flanged receptacle forming a portion of the standard.

The invention will be hereinafter more fully described and then specifically defined in the appended claims, and is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form part of this application, and in which drawings—

Figure 1 is a perspective view of my improved illuminating-fountain for display purposes. Fig. 2 is a vertical central sectional view through the same, and Fig. 3 is a detail view of the rotary ball.

Reference now being had to the details of the drawings by letter, A designates the base of the device, which is preferably flanged at its lower end and adapted to be fastened to a stationary object and is hollow, the upper end of said standard being outwardly flared and supporting the globe or receptacle B, which is hollow and has its neck portion held in a recess or beaded portion at the flanged end of the standard. Leading through the hollow standard is a pipe C, which terminates

at a point adjacent to the globe or receptacle within the neck thereof. Located in the neck of the globe or receptacle is an incandescent globe D, which fills the space between the walls of the neck of said globe or ball, and, if desired, a suitable packing may be interposed between the outer circumference of said incandescent globe and the inner wall of the neck of the globe to make a water-tight joint. The highest portion of the globe or receptacle is apertured, as at B', to allow the water which has accumulated in and filled said globe to overflow at the top. This water, which is forced out through the apertures at the highest portion of the globe, runs down on the sides of the latter and is caught in the flange at the upper end of said standard and allowed to run down through said standard.

Located within the globe and at a location adjacent to the upper end of the pipe C is a semitransparent ball made up of different colors, said ball adapted to be rotated by the impact of the inflowing stream of water, so as to bring different portions of the ball between the incandescent globe and the wall of the globe or receptacle to throw different colors upon the wall of the receptacle and the water running down the outside thereof. There may be, if desired, a plurality of these different-colored balls positioned about the circumference of the incandescent globe, so as to cause colored lights to be thrown in various radial directions from the incandescent light.

From the foregoing it will be observed that an electrically-illuminated display-fountain made in accordance with my invention will be an attractive device to place in a show-window of a store, upon the counter, or other place, and by the provision of the various-colored balls which are interposed between the electric lamp and the wall of the receptacle the colors are continuously changing while the water is being forced through the pipe in the standard and into the receptacle.

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

1. An electrically-illuminated display-fountain, comprising a transparent globe or receptacle having an open neck portion, a stand-

ard receiving said neck, an electric lamp interposed in the neck of said receptacle, a water-feed pipe leading through the standard and into the receptacle, an outlet in the receptacle and a ball within said receptacle, adapted to be rotated by the impact of the water which is fed through said pipe, as set forth.

2. An electrically-illuminated display-fountain, comprising a hollow standard with flanged top, a transparent globe or receptacle having an open neck portion seated in said flanged end of the standard, an electric-lamp globe fitted in said neck, a pipe leading through the standard and into said receptacle, and a semitransparent ball located within said receptacle and adapted to be rotated by the impact of water being fed through said pipe, as set forth.

3. An electrically-illuminated display-fountain, comprising a hollow standard with flanged top, a transparent globe or receptacle with flanged neck adapted to be seated in a beaded portion of said flanged standard, an electric-lamp bulb positioned in the neck of said globe, a water-feed pipe passing through the standard and opening into said globe, a semitransparent colored ball located within said globe and adapted to be rotated by the impact of the water being fed into the globe

from said feed-pipe, the upper portion of the globe being perforated to allow water to overflow through said perforations and run down the outer circumference of the globe, as set forth.

4. An electrically-illuminated display-fountain, comprising a hollow standard having a flanged top, a globe with flanged neck seated in a beaded portion in the flanged portion of the standard, a space intervening between the flange of the standard and the circumference of the globe adjacent to its neck, an incandescent electric-lamp globe positioned in said neck, a pipe leading through the standard and into said globe, a ball located within the globe and adapted to be rotated by the current of water passing through said pipe, the upper portion of said globe being perforated to allow water to run through said perforations, down the circumference of the globe and into the space intervening between the flanged top of the standard and the neck of the globe, as set forth.

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

FRANKLIN B. CROUCH.

Witnesses:

JOHN PETERS,
NICHOLAS M. DALY.