

(No Model.)

J. A HAAG.

SIGN.

No. 390,776.

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Fig. 1.

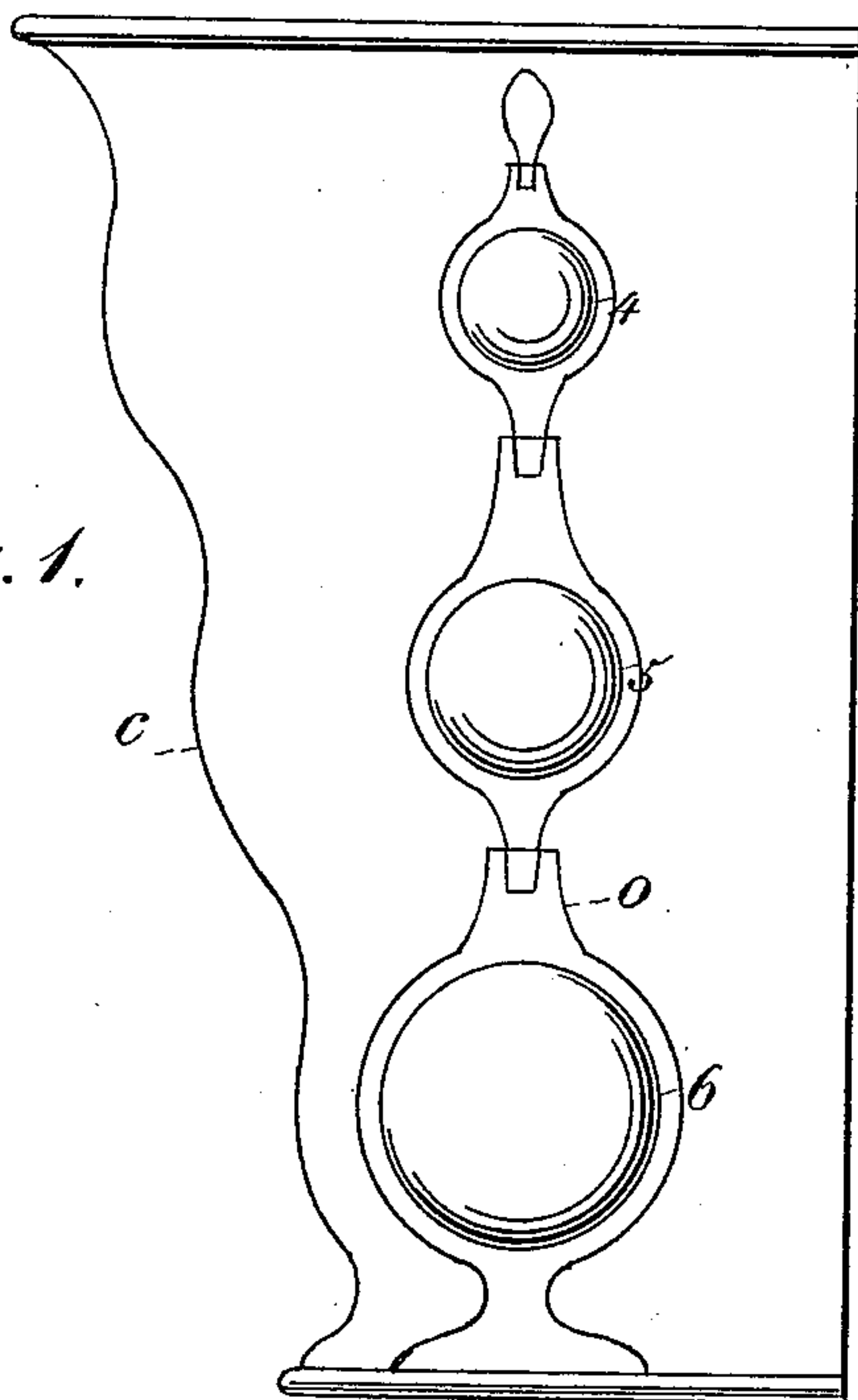


Fig. 2.

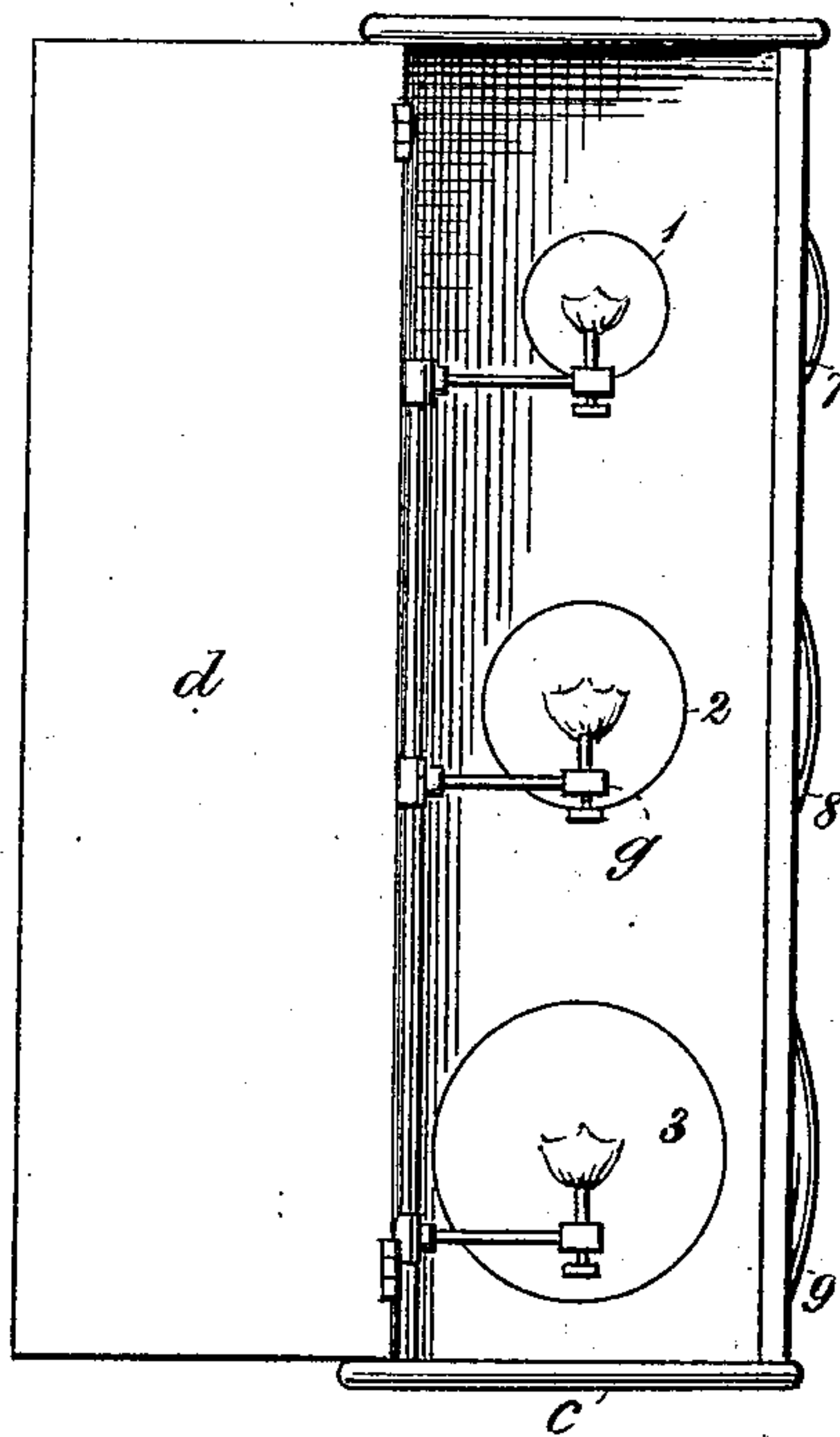


Fig. 3.

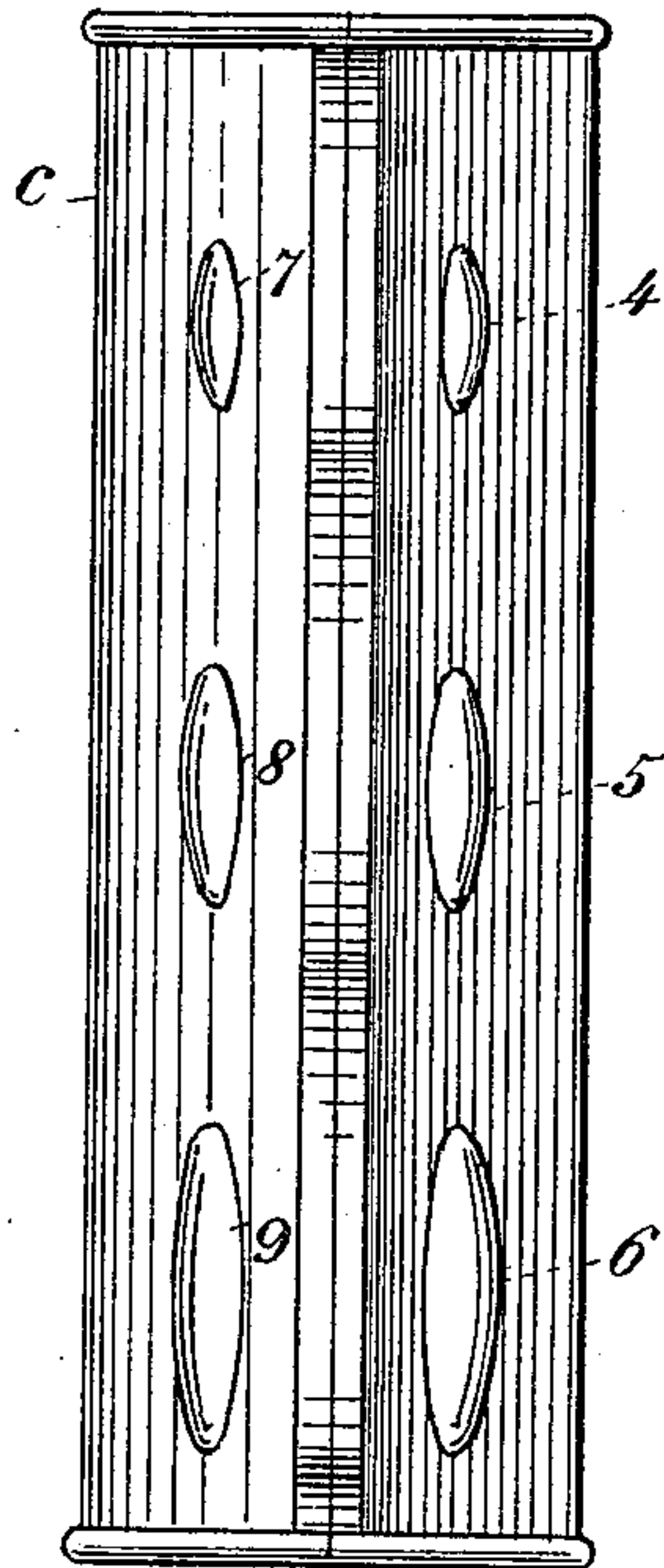
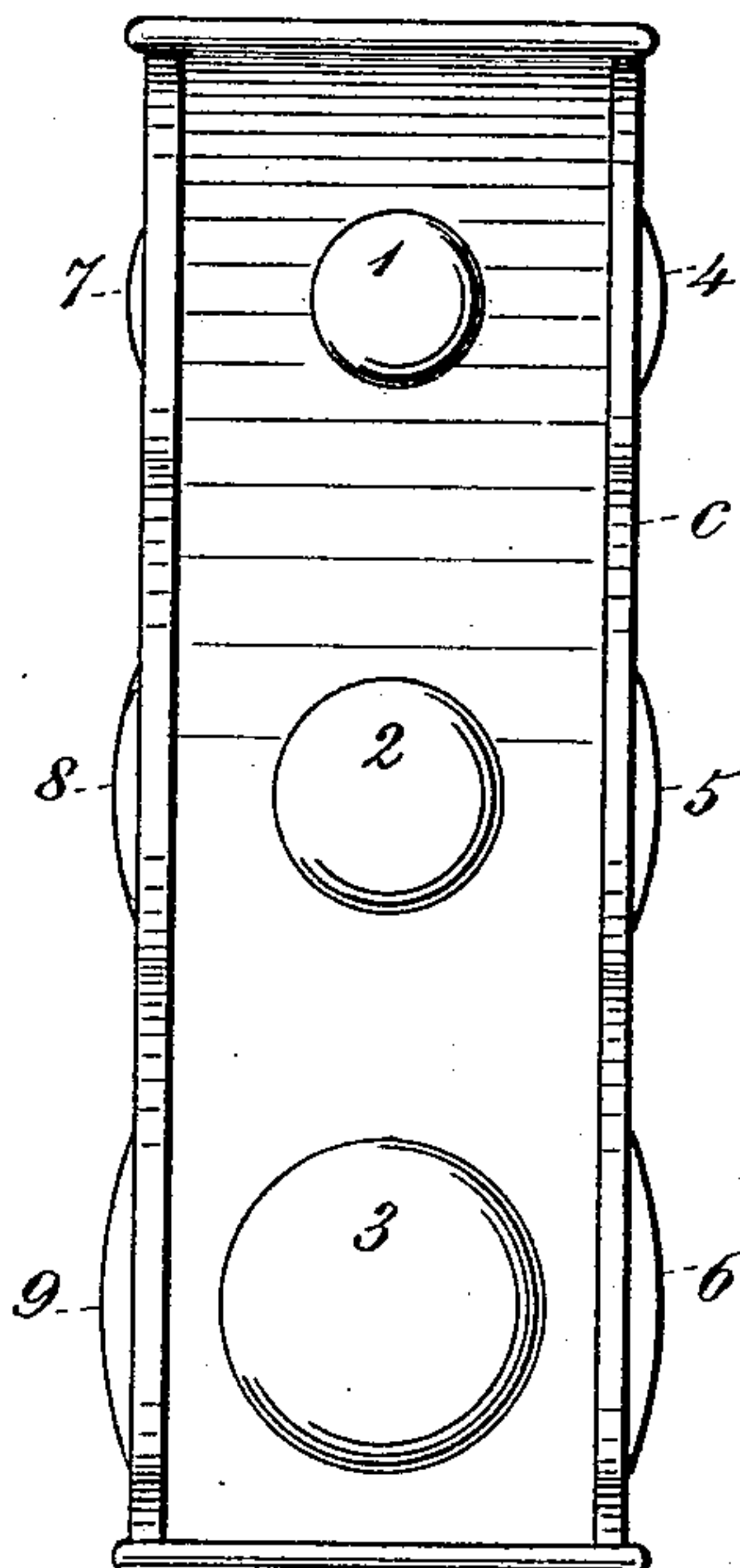


Fig. 4.



WITNESSES.

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SIGN.

SPECIFICATION forming part of Letters Patent No. 390,776, dated October 9, 1888

Application filed December 2, 1887. Serial No. 256,821. (No model.)

To all whom it may concern:

Be it known that I, JULIUS A. HAAG, of Indianapolis, county of Marion, and State of Indiana, have invented certain new and useful Improvements in Signs; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which like letters refer to like parts.

My invention relates to the construction of illuminated signs, and will be understood from the following description.

In the drawings, Figure 1 represents a side view of my device as adapted for druggists' use. Fig. 2 is a rear view showing the door open which gives access to the inside of the sign and the lights in position behind the bull's-eyes. Fig. 3 is a front view of the device when made V-shaped. Fig. 4 is a front view of the device having a flat front surface with the bull's-eyes in position.

In detail the sign is conveniently formed in the shape of a case, *c*, its thickness about half that of its width, having a door either in front or behind for permitting access to the interior. In the sides of this case are arranged colored glasses of the kind commonly known as "bull's-eyes" of different sizes and colors, as may best illustrate the particular design which is intended to be used. Thus in the drawings they are shown as forming the translucent parts of a compound druggist's bottle, the round bull's-eyes forming the successive bodies or central portions of the bottle, the remainder of the design being figured upon the outside of the case in bright colors—such as gold or silver leaf—which will reflect the light, and the outline *O* thus formed of paint or metal leaf upon the outside of the sign is shown in relative position in Fig. 1. The entire figure will then appear by day shown in the bright lines upon the outside of the case, the central portion or bodies being formed of the unilluminated bull's-eyes, while at night the light passing through these illuminated centers will also illuminate the bright outlines of which the remainder of the design is formed.

It is well understood that in a druggist's sign one bottle forms the stopper of the one next below, and so on, the lower bottle being

the largest, and in the figures upon the drawings this arrangement is fully shown.

In Fig. 1, 4 forms the body of the upper bottle, 5 forms the body of the central bottle, and 6 that of the lower one, while the base of the lower and the upper parts of the other bottles are outlined upon the outside of the sign by the artist. They may be laid on with flat colors or formed in relief, or the entire outline may be made transparent also. The lights may be arranged inside the case, as shown in Fig. 2, and when that form of case is used an outline of the design is formed upon the front similar to the one shown on the side in Fig. 1.

Instead of using colored, plain white bull's-eyes may be used, and in such a case a flat bottle containing a mixture of the desired color is placed behind such bull's-eye and between it and the light, and the case may be made narrow. Consequently it will be light and easy to handle, and thus the use of a large spherical bottle containing colored fluid is avoided, for this would take up too much room and would be bulky and inconvenient to use in a sign of this kind. Again, where a plain bull's-eye is used a slide of colored glass could be interposed between the bull's-eye and the light; or, which is preferable, canteen-shaped bottles filled with any colored liquid may be used instead of the bull's-eye and connected directly to the side of the case the same as the bull's-eye.

What I claim as my invention, and desire to secure by Letters Patent, is the following, viz:

1. A sign composed of a case having two or more sides, a series of bull's-eyes or colored glasses fixed in such case, forming a part of the required design, and outlines of color formed about such bull's-eyes upon the outside of the case, the two forming a complete design, substantially as shown and described.

2. The sign herein described, composed of a case, *c*, having openings in its sides, glass bull's-eyes set in such openings, forming a part of the design, outlines formed about such bull's-eyes on the outside of the case, and a series of lights upon the inside of such case for illuminating the same, substantially as shown and described.

3. A sign composed of a case having openings in its sides or front, such openings filled with translucent glass or similar material, and outlines of color formed upon the outside of such case about the glass, the outlines and glass together forming the complete design intended to be represented, a series of lights fixed inside the case for illuminating the same,

and a door, *d*, for closing the case, all combined substantially as shown and described. 10

In witness whereof I have hereunto set my hand this 24th day of November, 1887.

JULIUS A. HAAG.

Witnesses:

C. P. JACOBS,

E. B. GRIFFITH.