

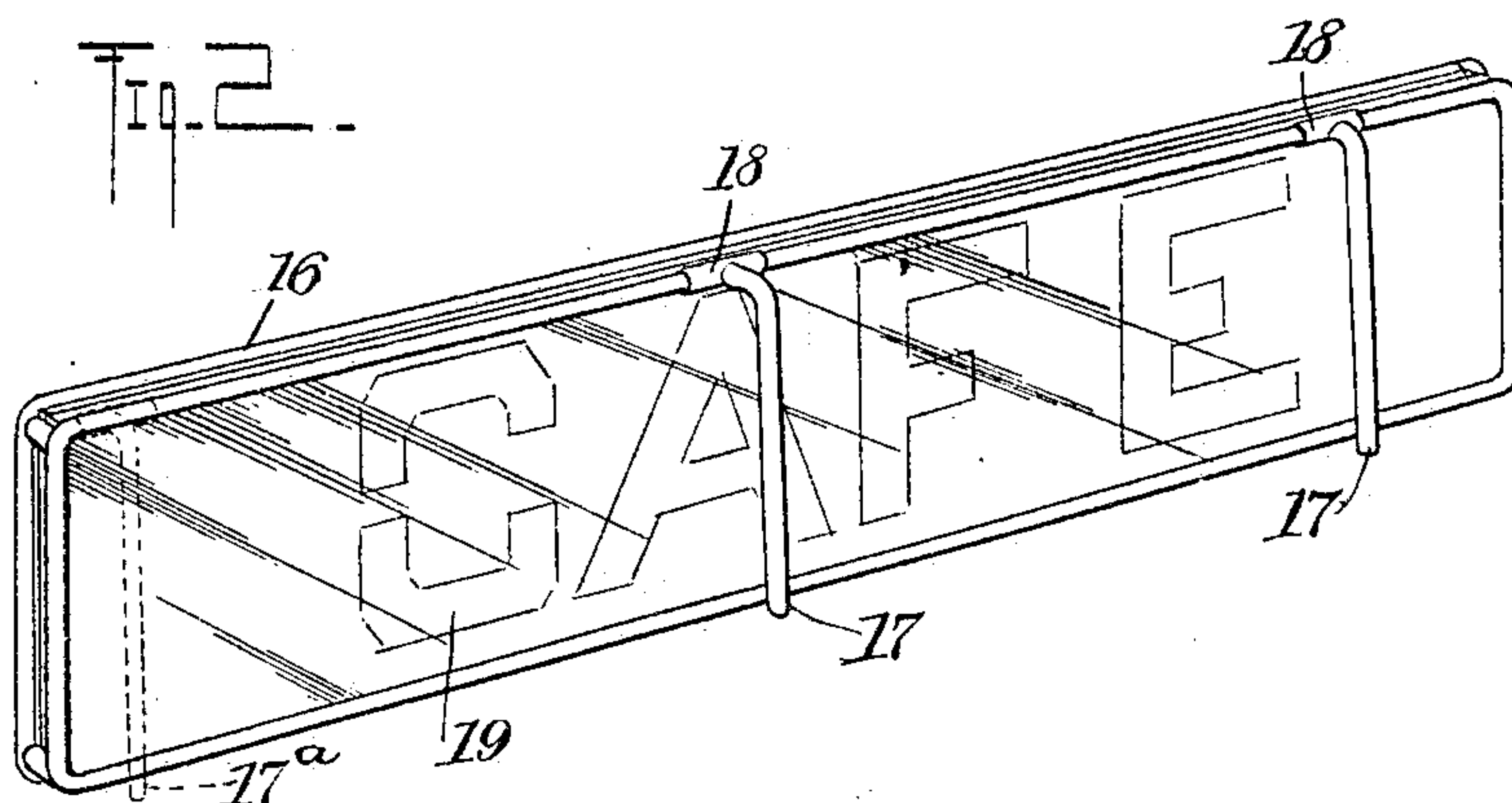
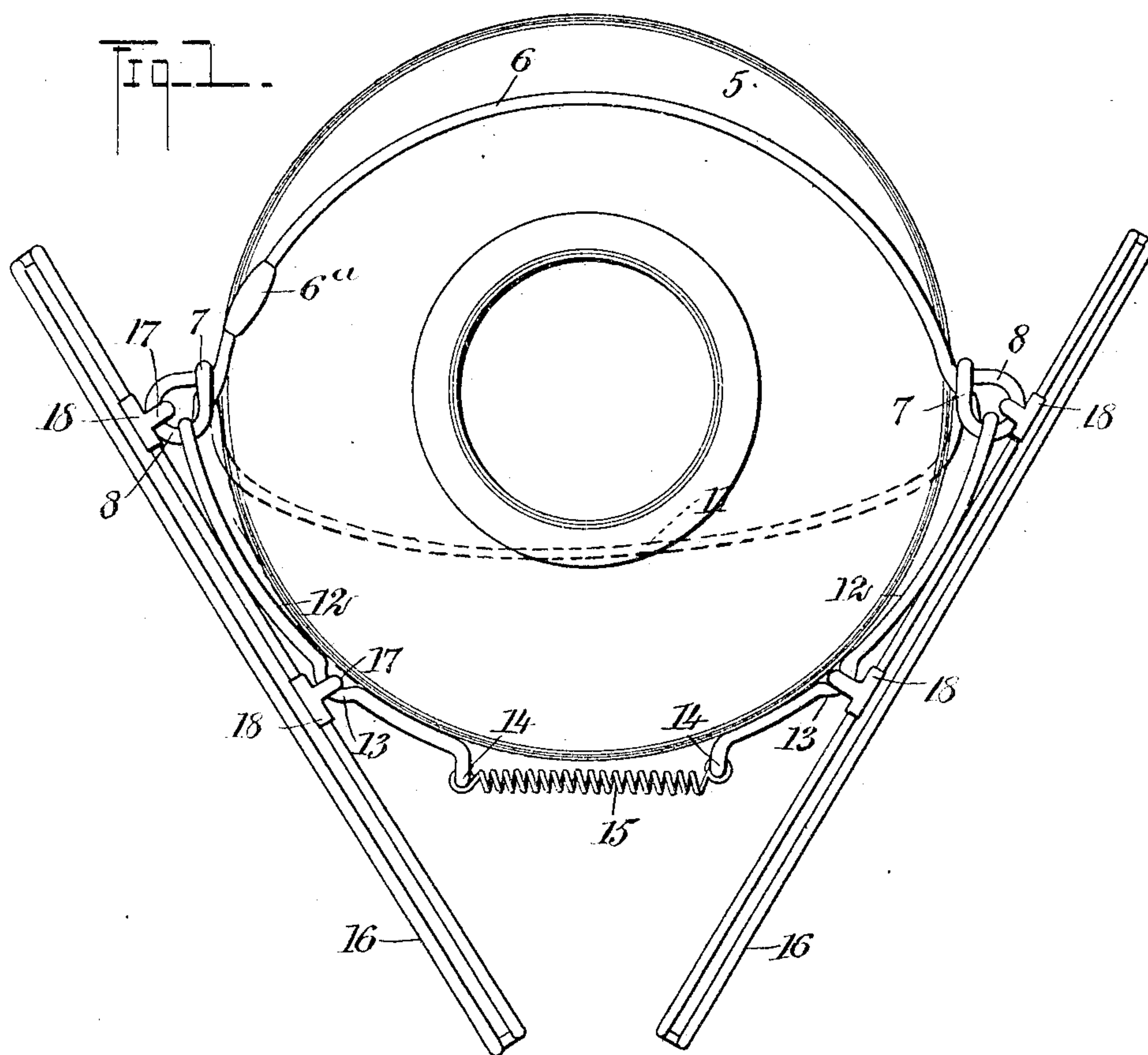
No. 801,604.

PATENTED OCT. 10, 1905.

H. J. PALMER.
STENCIL FRAME AND MOUNTING THEREFOR.

APPLICATION FILED MAR. 31, 1905.

2 SHEETS—SHEET 1.



WITNESSES:
Geo. P. Kingsbury
W. Harrison

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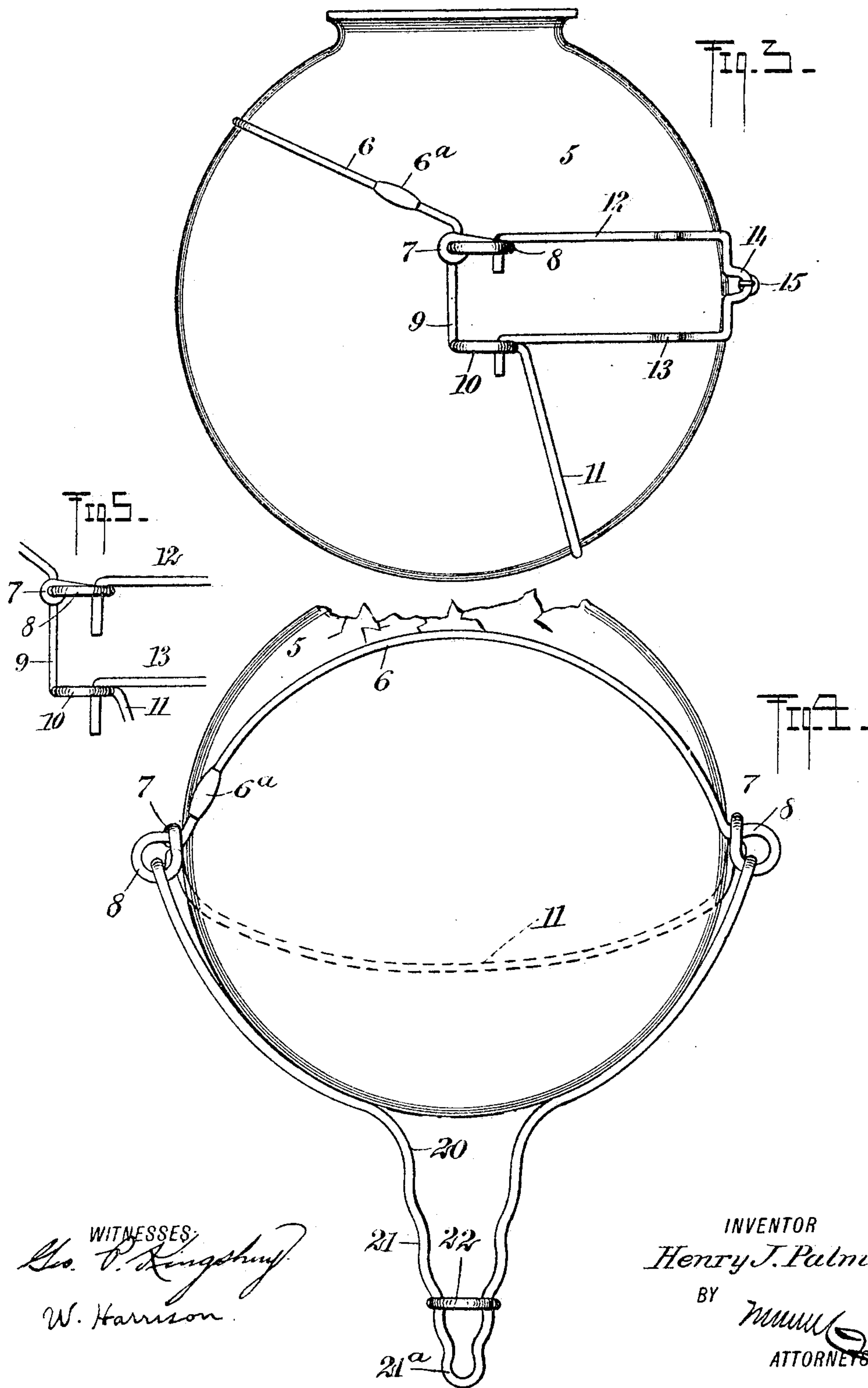
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UNITED STATES PATENT OFFICE.

HENRY J. PALMER, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO
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STENCIL-FRAME AND MOUNTING THEREFOR.

No. 801,604.

Specification of Letters Patent.

Patented Oct. 10, 1905.

Application filed March 31, 1905. Serial No. 253,044.

To all whom it may concern:

Be it known that I, HENRY J. PALMER, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Stencil-Frame and Mounting Therefor, of which the following is a full, clear, and exact description.

My invention relates to stencil-frames and mountings therefor, my more particular object being to produce a stencil-frame suitable for street-lamps and used for advertising purposes, also for reflecting the light in a particular zone.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of an ordinary street globe-lamp equipped with my invention. Fig. 2 is a perspective view of one of the stencil-frames removed from its support and containing a stencil. Fig. 3 is a side elevation showing the stencil-support viewed as from the left of Fig. 1, the stencils being removed. Fig. 4 is a plan view showing the stencil-holder as equipped with a clamp of a design differing from that used in Fig. 1, and Fig. 5 is a fragmentary detail in side elevation showing how the clamp last mentioned is applied.

The globe is shown at 5 and may be of the usual construction. A strap 6, consisting, preferably, of a piece of spring-wire, is provided with a soldered joint 6^a, loops 7 8, a straight portion 9, and another loop 10, which terminates in a strap 11, passing obliquely around and under the globe 5. Upon the other side of the globe the various loops just mentioned are duplicated, as will be understood from the plan shown in Fig. 1. A pair of swinging yokes 12, each constructed of a single piece of wire, are hinged within the loops 8 10, as indicated in Figs. 1 and 3, and are each provided with portions 13, bent outward so as to serve as notches, and also provided with projecting portions 14. The two projecting portions 14 are gently pressed toward each other by a tensile spring 15, connected therewith, and thus partially encircle the globe.

The member just described constitutes a stencil-frame holder. In order to mount it upon the globe, the portion 6 is applied obliquely upon the top of the globe and the strap

11 is applied obliquely under the globe, as indicated in Fig. 3, the yokes 12 being sprung apart slightly by stretching the spring in order to allow them to be forced in the position indicated in Fig. 3. In other words, the links 12 are pulled apart, so as to stretch the spring 15, the device is placed upon the globe, and the tension of the spring by pulling the links 12 toward each other holds all parts firmly in position. When in this position, the tension of the stencil-frame holder is of course distributed upon three parts of the globe, the tendency being for the parts 6 11 and the yokes 12 to approach each other. The tension of the spring therefore tightens the straps 6 and 11. The stencil-frames are shown at 16, and are detachable and are each made of wire having the form of a flat cage. Hooks 17, provided with T-bases 18, are mounted upon the stencil-frame holder. The stencil is shown at 19 and may be of glass, porcelain, or any other transparent or translucent material. The stencil-frames are disposed upon the globe so as to reflect the light outwardly in a particular zone, as will be understood from Fig. 1—that is to say, a person approaching the lamp from a direction indicated by either the right or the left of Fig. 1 will see the stencil from a considerable distance, the same appearing as illuminated; yet owing to the angle at which the stencil-frames are disposed relatively to each other a zone of reflected light is thrown outwardly or in a direction indicated at the top of Fig. 1. I preferably throw this zone toward a building to be illuminated or toward some other sign to be illuminated, and therefore recommend that the lamp be placed upon the outer edge of the sidewalk, so that the zone of light as reflected by the inner surfaces of the stencil is thrown directly across the sidewalk toward a building or window. This will render the stencils visible from up and down the street, yet will not prevent them from serving as reflectors for throwing the zone of light.

In Fig. 4 instead of the yokes 12 and the spring 15 I employ two clamps 20 20^a, of spring-wire, disposed one over the other and provided with bends or corrugations 21, which are engaged by a ring 22, of spring-wire. I slip the ring 22 over the corrugations or bends 21 to any desired distance, thereby tightening the clamps. This draws the loops 8 a little and tightens the portions 6 and 11, so as to secure

the stencil-holder firmly upon the globe. The stencil-frames 16 are then mounted as above described.

Having thus described my invention, I claim
5 as new and desire to secure by Letters Patent—

1. The combination of yokes provided with notches, means connected with said yokes for mounting the same upon a globe, said means being provided with loops, and a stencil-frame
10 provided with hooks for engaging said notches and said loops.

2. The combination of metallic straps connected together and provided with a loop, a pair of swinging yokes mounted upon said
15 straps and adapted to swing relatively to each other, means for tensioning said yokes so as to tighten said straps relatively to said globe or the like, and means for connecting to said yokes and said loops a stencil-frame for displaying a stencil.

3. The combination of a plurality of metallic straps for engaging the globe of a lamp, means for clamping said straps upon said globe, and a stencil-frame provided with
25 means whereby it may be supported by said straps.

4. The combination of a plurality of metal-

lic straps having a curvature mating the curvature of a globe, said straps being provided with loops, means for tensioning said straps
30 relatively to said globe, and a stencil-frame provided with hooks for engaging said loops.

5. The combination of a globe of substantially spherical form, a plurality of metallic straps connected together and bent into a conformity mating that of said globe, said straps being provided with loops, means for tensioning said straps relatively to said globe so as to cause the same to adhere thereupon, and a stencil-frame provided with hooks for engag-
40 ing said loops.

6. The combination of yokes made of wire and adapted to be sprung around a globe so as to adhere thereupon by their pressure relatively thereto, and a stencil-frame provided
45 with means whereby it may be supported by said yokes.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HENRY J. PALMER.

Witnesses:

WALTON HARRISON,
EVERARD BOLTON MARSHALL.