

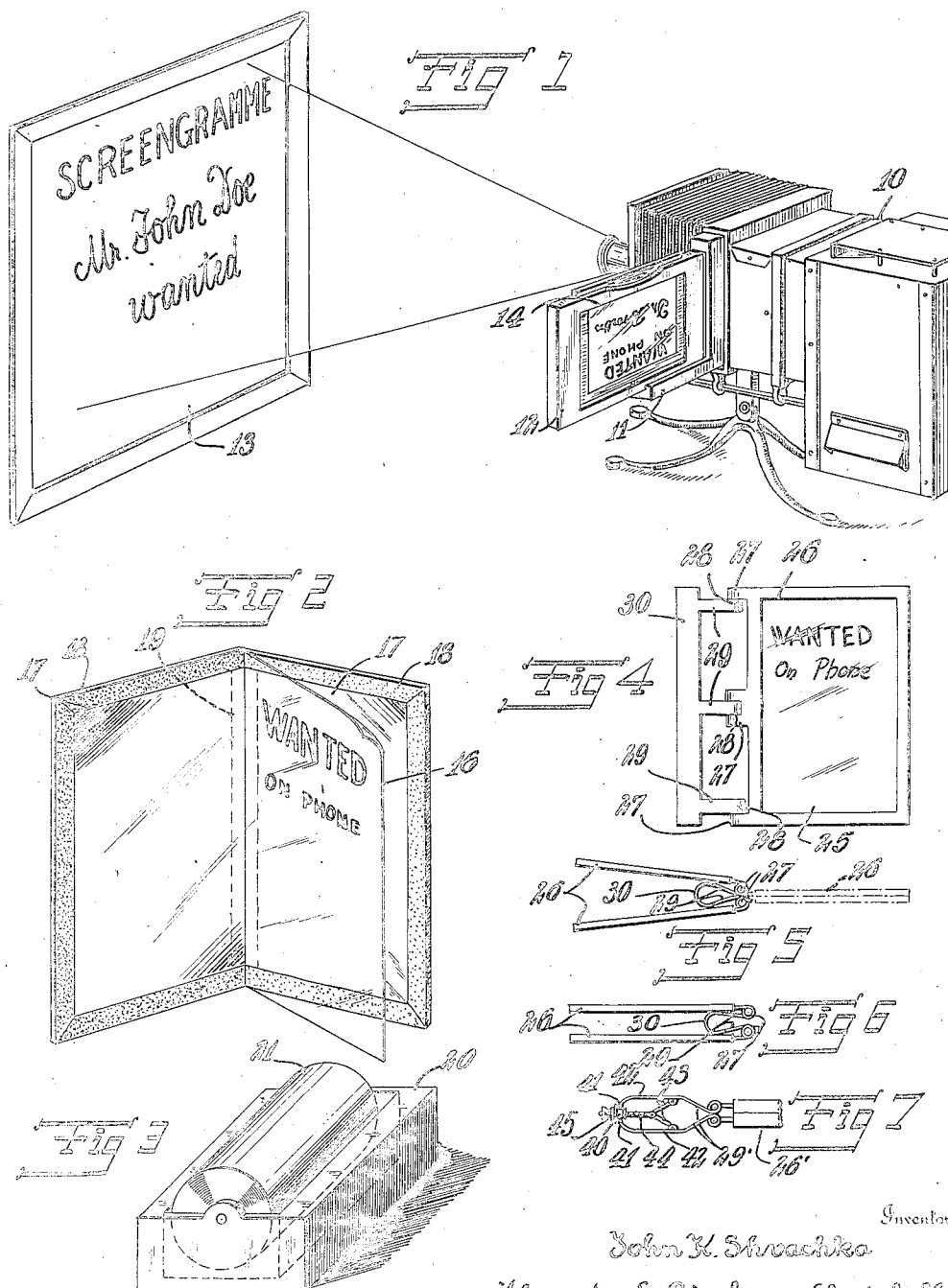
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CALL DEVICE FOR PUBLIC ROOMS

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CALL DEVICE FOR PUBLIC ROOMS.

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To all whom it may concern:

Be it known that we, JOHN K. SHVACHKA and ALEXANDER S. BIRNBAUM-SHESTAKOFF, citizens of Russia, respectively, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Call Devices for Public Rooms, of which the following is a specification.

This invention relates generally to a device for use in connection with a picture projection apparatus to give any desired notification to persons, either collectively or individually, who may be assembled in any public place, such as a theatre, restaurant, hotel lobby, or the like. The device may be used, for instance, in notifying any individual that he, or she, is wanted on the phone, or at the office, or otherwise.

The invention has for an object to provide a simple form of device which facilitates the work of the operator in giving such notification.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

Fig. 1 of the drawings is a perspective view indicating the application of the invention in connection with a motion picture projection apparatus.

Fig. 2 is a detail perspective view of one of the slates.

Fig. 3 is a detail perspective view of the device used in applying turpentine to the paper sheet.

Fig. 4 is a side elevation showing a modified form of holder for the paper sheet.

Fig. 5 is an end view thereof.

Fig. 6 is a similar view with the parts in a different position.

Fig. 7 is an end view showing a further modification.

Referring now to the drawings the reference numeral 10 indicating a picture projection machine, of the type commonly known as a magic lantern, and which is of ordinary construction and containing a transverse guide 11 adapted to receive the slide 12 supporting plates bearing the words or notice to be projected on a screen 13. The slide 12 is of a length double the width

of the machine so as to receive two plates, the latter being inserted downwardly into the slide through suitable slots into registry with apertures such as 14 in the slide.

The plates which we employ may be constructed as follows: The notice to be given is written on typewriter or with black ink, such as India ink, upon a sheet 16 of thin transparent paper. This sheet of paper is placed in a holder of novel construction which is placed in the slide, the sheet of paper being treated with a suitable liquid, such as turpentine, to render it more pervious to the light, and thus accentuate the words appearing on the screen.

The holder which receives the sheet of paper comprises a pair of glass plates 17 which are bound on their edges by cloth frame pieces 18 cemented thereto, these frame pieces uniting in a backing 19, by which the two plates are hinged together. The paper may be treated with turpentine by suitable means such as the fountain shown in Fig. 3 which has a roller 21 dipping into the liquid. The paper sheet 16 after being treated with the liquid, is inserted between the two plates 17, and the latter then folded together and inserted in the slide 12.

In Figs. 4 and 5 we have shown a modified form of holder which comprises a pair of glass plates such as 25 which are fixed in metal frames 26 on which are formed hinge ears 27. These hinge ears are engaged by means of ordinary pintles, with hinge ears 28 formed on the ends of a series of fingers 29 formed integral with and projecting from the edges of a U-shaped metal backing strip 30.

As shown in Fig. 5 these fingers 29 are arranged in pairs, the two fingers of each pair being bent inwardly toward one another to bear at their ends against one another, it being understood that the metal of the backing 30 is sufficiently thin to give the fingers resiliency.

Then the paper sheet 16 is to be inserted in this modified holder the two leaves thereof, composed of the plates 25 and their frames 26, are swung back until they bear on the edges of the backing as indicated in full lines in Fig. 5 being inclined with respect to one another as shown. By then pressing the free edges of the leaves toward one another to the position shown in Fig. 6,

they are caused to swing on the sides of the backing, which act as fulcrums, lifting the free ends of the fingers 29 away from engagement with one another, as will be apparent. The paper 16 is then inserted between the fingers 29 and the leaves folded upon one another.

As will be apparent, with our improved device calls may be given in hotels, restaurants, theatres or other public place without the disturbance consequent upon paging as ordinarily done.

In Fig. 7 we have shown a further modification in which the backing element of the holder comprises a flat bar 40 to which are hinged as at 41 the side pieces 42, the whole forming a U-shaped backing, the side pieces having the integral fingers 29' to which the frames 26' are hinged.

In this construction a pair of toggle links 43 are connected at one end to the respective members 42 and at their opposite ends to a screw 44 threaded through a nut 45 swiveled in the bar 40. As will be apparent, by adjusting screw 44 the side pieces 42 can be moved toward and away from one another, and the pressure of the fingers against one another varied.

Having thus described our invention what we claim as new and desire to protect by Letters Patent of the United States is as follows:

1. A paper holder comprising a backing having spaced edges, resilient fingers projecting in pairs from the edges of said back-

ing, the fingers of each pair pressing against one another at their free ends, and plates hinged to free ends of said fingers.

2. A paper holder comprising a backing strip of U-shape in cross section, resilient fingers projecting in pairs from the edges of said backing, the respective fingers of each pair inclining toward one another and bearing against one another, and plates hinged to the free ends of said fingers.

3. A paper holder comprising a backing strip of U-shape in cross section, resilient fingers projecting in pairs from the edges of said backing, the respective fingers of each pair inclining toward one another and bearing against one another, and plates hinged to the free ends of said fingers, said plates comprising glass plates enclosed in metal frames.

4. A paper holder comprising a backing strip of U-shape in cross section, resilient fingers projecting in pairs from the edges of said backing, the respective fingers of each pair inclining toward one another and bearing against one another, and plates hinged to the free ends of said fingers, said plates comprising glass plates enclosed in metal frames, and means for adjusting the sides of said backing strip toward and away from one another.

In testimony whereof we have affixed our signatures

JOHN K. SHVACHKA.

ALEXANDER S. BIRNBAUM-SHESTAKOFF.