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M. L. GARCIN

MARKING DEVICE

Filed Aug. 13, 1920

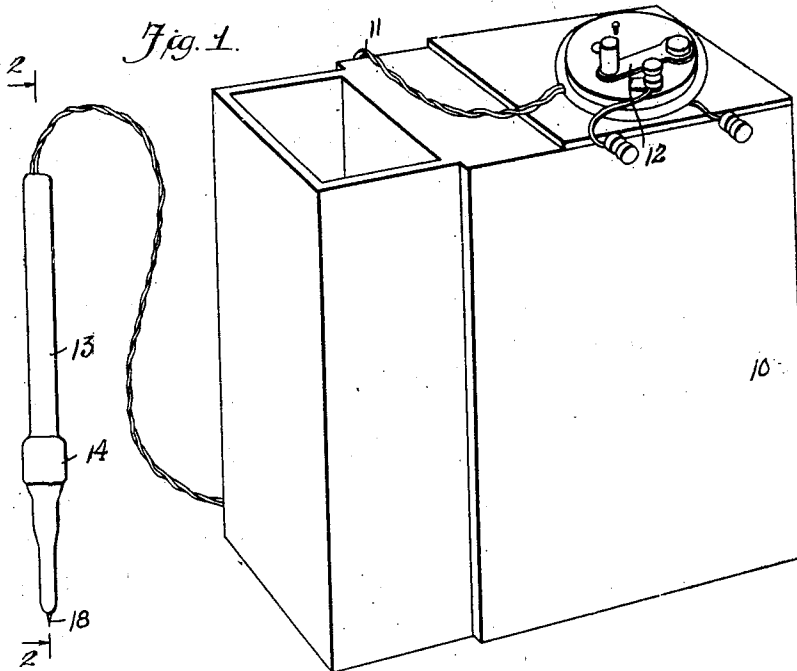


Fig. 2.

Fig. 5.

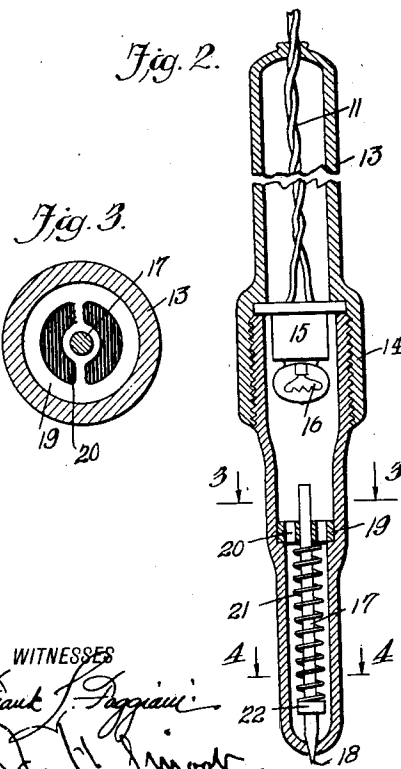
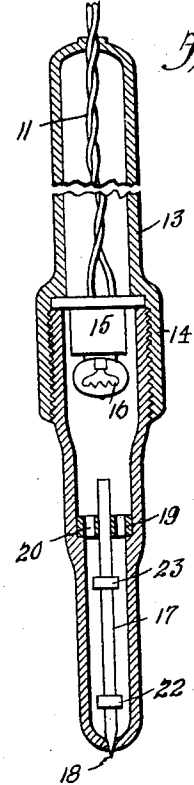
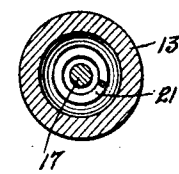


Fig. 4.



WITNESSES
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UNITED STATES PATENT OFFICE.

MARIE LOUIS GARCIN, OF NEW YORK, N. Y.

MARKING DEVICE.

Application filed August 13, 1920. Serial No. 403,274.

To all whom it may concern:

Be it known that I, MARIE LOUIS GARCIN, a citizen of France, and a resident of New York city, borough of Manhattan, in the county and State of New York, have invented a new and Improved Marking Device, of which the following is a full, clear, and exact description.

In connection with the handling of sensitive films and plates, it is well appreciated that it is quite often desirable to associate identification marks with the individual film strips or plates while the same are being subjected to the conventional developing process.

It is also often desired to provide titles associated with the negative so that upon the positive being printed the title may appear upon the same.

It has been customary in connection with the identifying marks heretofore mentioned, to clip a marker to the plate or film strip being developed, or to scratch the sensitive coating in such a manner that identification may be established.

Obviously, these various methods present numerous defects in practice in that the marker is liable to become detached in the handling of the film or plate incident to its development aside from the fact that the marker renders the object to be developed unhandy. Where the film is marked by scratching the surface, these scratches are oftentimes so fine as to render it difficult to locate the same, aside from the difficulty of reading the identification thus provided.

Having these defects in mind, it is now an object of my invention to provide a device more particularly intended for use in connection with photography but which may be utilized for any desirable purpose and by means of which sub-titles and identification marks may be associated with a plate or film strip in a most desirable manner.

Reference is had to the attached sheet of drawings as illustrating practical embodiments of my invention, and in which drawings,

Figure 1 is a perspective view of an appliance constructed in accordance with my invention.

Figure 2 is an enlarged sectional side view taken along lines 2—2 thereof.

Figure 3 is a sectional plan view taken along lines 3—3 of Figure 2.

Figure 4 is a similar plan view but taken along lines 4—4 of Figure 2, and

Figure 5 is a sectional side view of a slightly modified form of appliance.

In these views, the reference numeral 10 indicates a housing, in which any suitable source of electrical energy may be provided, which energy or current is conducted into the lead wires 11, its flow through the same being controlled by any suitable means such as a switch 12.

The wires 11 extend within a pencil-like hollow casing 13, which may be provided with any suitable type of finger engaging portion 14. Within the casing 13 is provided a socket 15 of any character desired, the wires 11 being connected to the individual terminals of the socket 15, which latter is adapted to receive a lamp 16 of any type.

The outer end of the casing 13 is preferably constricted, as is clearly shown in Figures 1, 2 and 5, and movable longitudinally within this constricted portion is a rod 17 conveniently provided with a tapered forward end portion 18, which latter projects through an opening formed in the apex of the casing 13. Any suitable type of guide 19 provided with openings 20 is positioned within the casing 13 and forms a supporting medium for the inner end of the rod 17.

Thus, the rod 17 normally occupies the position shown in Figure 2 by virtue of the fact that a tensioning means of any desirable type such as a spring 21 interposed between the guide 20 and collar 22 serves to normally retain the same in seated position. However, upon the casing 13 being actuated in the manner of a writing instrument, i. e., bringing the apex or outer end portion of the casing to bear against some surface, a retraction of the rod 17 against the action of the spring 21 will result, which will permit light rays to pass through the openings 20 of the guide 19 and through the opening formed in the apex of the casing and thus upon the surface borne against by this portion of the casing.

It will readily be understood that the action aforescribed will result, considering that the switch 12 is closed and the lamp 16 in operation, in directing a minute stream of light against the sensitive surface of a film or photographic plate, thus exposing those portions of the same directly underlying the casing 13 to the action of the

light and permitting of the association of sub-titles or clear identification marks with the negative.

It will be seen in referring to Figure 5 that the construction embodied in the casing 13 herein shown is identical with the construction illustrated in Figure 2, with the exception that a secondary stop 23 is provided associated with the rod 17, the rod in this latter instance relying upon the force of gravity to insure the firm closing of the opening through the apex of the casing, against the passage of light from the lamp 16.

It will readily be understood that any suitable source of energy may be utilized in practice, and that any desirable type of circuit closing member may be provided.

Obviously, numerous modifications of structure might readily be resorted to without in the least departing from the scope of my claims, which are:

1. A photographic appliance including a casing formed with an opening in its end portion, a source of illumination within said casing, means for normally closing said opening and extending beyond the same, said means being adapted to uncover said opening when that portion of the same extending beyond the casing is directed against a surface.

2. A photographic appliance including a casing formed with an opening at its end, a source of illumination within said casing, means for normally closing said opening, and means whereby said opening will be automatically uncovered when the opening of said casing is directed against a surface.

3. A photographic appliance including a casing formed with an opening in one of its ends, a source of illumination within said casing, means normally closing said opening and having a portion extended through said opening and adapted to bear against a surface against which said end of the casing is pressed to actuate said closing means in such a manner to permit of the passage of light rays through the opening.

4. A photographic appliance including a casing having an opening in one of its ends, a source of illumination within said casing, and means including a rod slidable within said casing and having its outer end projecting through and beyond said opening to normally close the same whereby the extended

portion of said rod may be brought to bear against a surface to move the rod with respect to the casing to permit of the passage of light rays through said opening.

5. A photographic appliance including a casing formed with an opening in one of its ends, a source of illumination in said casing, a rod slidably mounted within said casing and having its outer end projecting through the opening of said casing and beyond the same whereby to close said opening, and means co-operating with said rod to normally retain the same in the position specified, the extended portion of said rod being adapted to be brought to bear against the surface whereby to move said rod with respect to the casing to permit of the passage of light rays through the opening.

6. A photographic appliance including a casing formed with an opening in one of its ends, a source of illumination within said casing, a rod slidably mounted within said casing and having its outer end projecting through the opening of said casing and beyond the body of the same, and a spring co-operating with said rod and casing for normally retaining the former in the position specified, whereby to prevent light rays from said source of illumination passing through the opening in the body of the casing, the extended portion of said rod being adapted to be brought to bear against the surface whereby to move said rod with respect to the casing to permit of the passage of light rays through the opening.

7. A photographic appliance including a casing formed with an opening in one of its ends, a source of illumination within said casing, a rod slidably-mounted within said casing and being formed with a tapered outer end extending through the opening in said casing and beyond the body of the same, and a spring co-operating with said rod and casing for normally retaining the former in the position specified, whereby to prevent light rays from said source of illumination passing through the opening in the body of the casing, the extended portion of said rod being adapted to be brought to bear against the surface whereby to move said rod with respect to the casing to permit of the passage of light rays through the opening.

MARIE LOUIS GARCIN.