

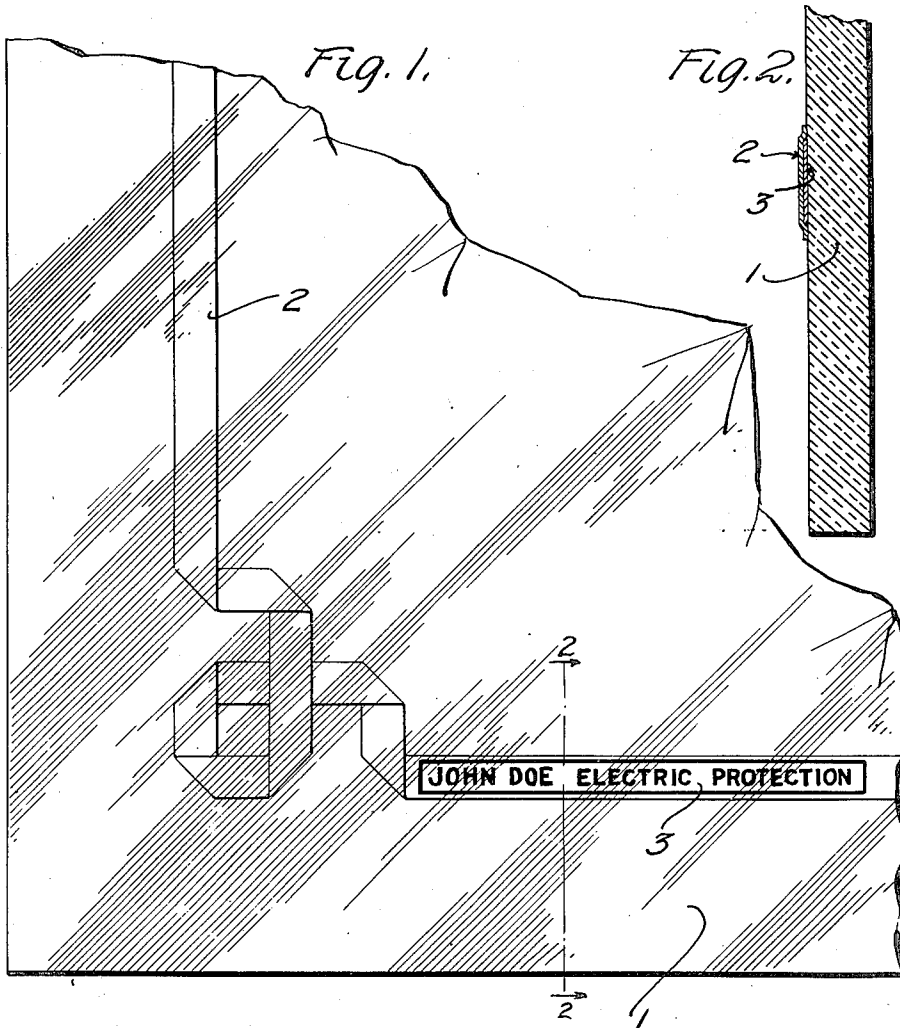
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W. C. ROE

ALARM SYSTEM

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Inventor:
William C. Roe,
By his Attorney
Joel C. Palmer,

UNITED STATES PATENT OFFICE.

WILLIAM C. ROE, OF NEW YORK, N. Y., ASSIGNOR TO HOLMES ELECTRIC PROTECTIVE COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

ALARM SYSTEM.

Application filed September 2, 1921. Serial No. 498,109.

To all whom it may concern :

Be it known that I, WILLIAM C. ROE, a citizen of the United States, residing at New York, in the county of New York, State of New York, have invented certain new and useful Improvements in Alarm Systems, of which the following is a full, clear, concise, and exact description.

This invention relates to alarm systems, and particularly to such systems provided with indicating characters or signs.

It is an object of the invention to provide a burglar alarm system, including as an element therein a precautionary sign.

To this end, the invention embraces a construction wherein a foil stripping constituting a part of the burglar alarm system is applied to a window pane in the form of an ornamental design or border in such a manner as to include a precautionary sign in a conspicuous part of the alarm circuit.

Other objects and features of the invention will appear from a consideration of the following description taken in connection with the accompanying drawing and the appended claims.

In the drawing, Fig. 1 is a front elevation showing the invention in its preferred form, as applied to a plate glass store front; and Fig. 2 is a section taken on the line 2—2 of Fig. 1, greatly enlarged for the sake of clearness.

Referring to the drawing, 1 is a plate of glass having on its inner side a narrow border 2 of metallic foil. As is common practice in alarm systems of this type, a pair of conducting wires, not shown in the drawing, are disposed in contact with the terminals of the border 2 for making the necessary connections with any ordinary alarm apparatus. The border is thus one continuous conductor and the passage of an electric current therethrough is interrupted by the breaking or cutting of the glass, thereby causing the alarm to sound. While the conductor has been shown as a border running along the margin of the glass, it may also take the form of an ornamental sign or any other suitable display. The conductor 2 need not be in the form of metallic foil, but

may be applied as a paint, powder, or in fact, any suitable form of conducting material. Between the conducting border and the surface of the glass is a sign 3, bearing the caption "John Doe electric protection." The sign 3 is completely backed by the metallic stripping 2, as is more clearly shown in Fig. 2, so that while presenting a very neat and artistic appearance, it is still a conspicuous part of the ornamental border. The sign 3 may or may not be of conducting material, since the breaking or cutting thereof will also effect the continuity of the metallic strip 2, thus sounding the alarm.

The invention is not limited to any specific form of sign or to any particular form of lettering. The characters may be applied in the form of an opaque paint or may be formed of a luminous or radio-active substance more readily discernible in the dark. In the latter case, the luminous material may be painted over the individual characters or may be applied to the back of the plate with the opaque letters standing in relief thereon. The luminous material may also be applied to a base plate which is then covered with a stencilled outline of the desired characters. It is, therefore, not intended to limit the invention to any particular form except as defined by the scope of the appended claims.

What is claimed is:

1. In an alarm system, a transparent base, a conducting medium applied to said base, and a sign disposed between said base and said conducting medium and visible through said transparent base.

2. In an alarm system, a transparent base, a strip of conducting foil on said base, and a sign disposed between said base and said strip and visible through said transparent base.

3. In an alarm system, an insulating base, a strip of metallic foil mounted on said base, and a sign completely backed by said strip and visible through said transparent base.

In witness whereof, I hereunto subscribe my name this 25th day of August A. D. 1921.

WILLIAM C. ROE,