H. B. COLLIER.

CONDUCTOR STRIP.

APPLICATION FILED SEPT. 15, 1909.

976,154. Patented Nov. 22, 1910.

FIG. 1

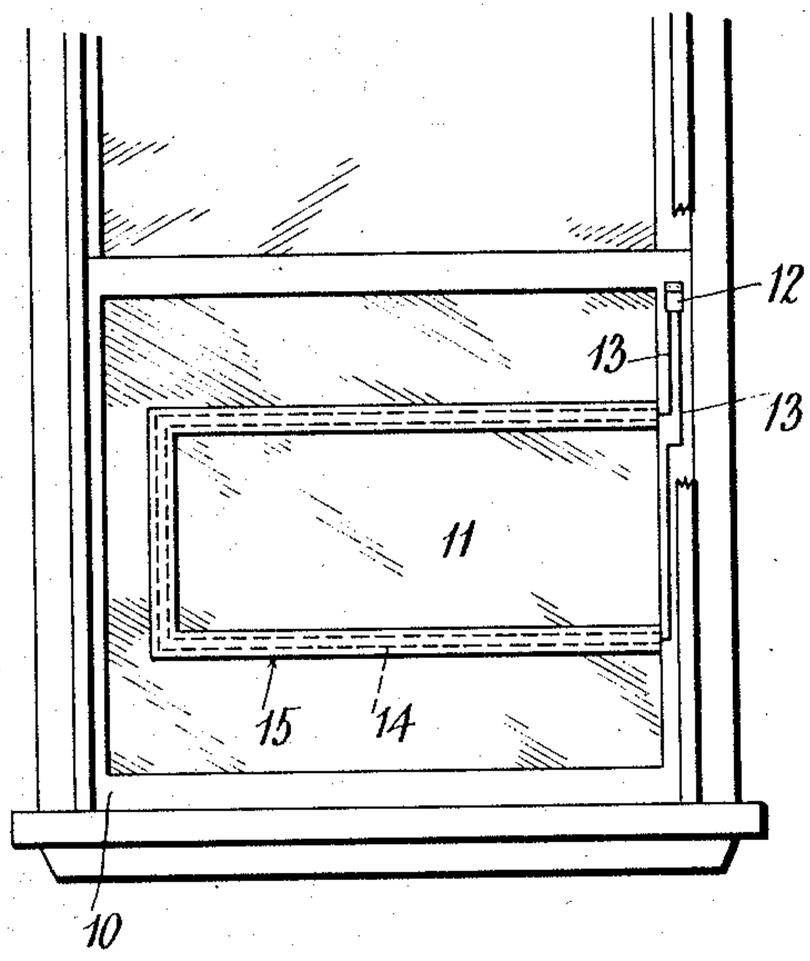


FIG. 2

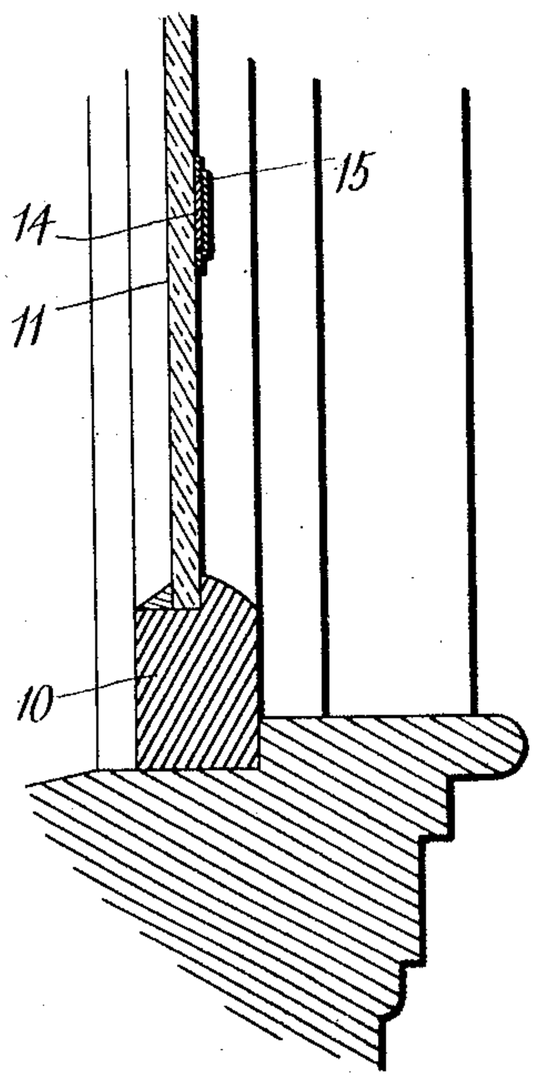


FIG. 3

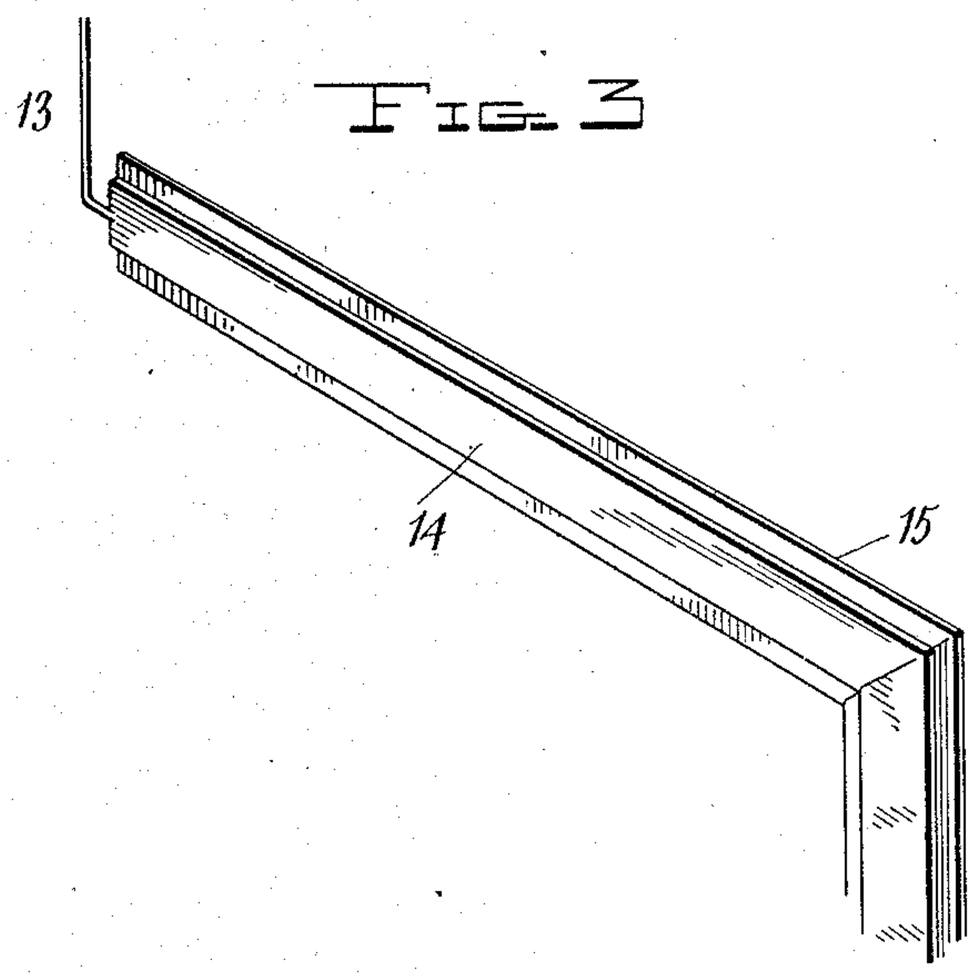
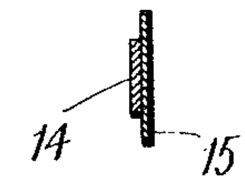


FIG. 4



Witnesses

D. L. Corbin

W. J. Miller

Inventor

Henry B. Collier

By Church & Church

Attorneys

UNITED STATES PATENT OFFICE.

HENRY B. COLLIER, OF PRAIRIE GROVE, ARKANSAS.

CONDUCTOR-STRIP.

976,154. Specification of Letters Patent. Patented Nov. 22, 1910.

Application filed September 15, 1909. Serial No. 517,866.

To all whom it may concern:

Be it known that I, HENRY B. COLLIER, a citizen of the United States, residing at Prairie Grove, in the county of Washington, State of Arkansas, have invented certain new and useful Improvements in Conductor-Strips; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to conductor wires and has special reference to a conductor strip adapted to be used with burglar and other alarms.

The object of the invention is to provide an improved article of manufacture which may readily be attached to glass surfaces and which will embrace a conductor strip adapted to be used as part of a closed circuit alarm.

With the above and other objects in view the invention consists in general of a strip of conducting material provided with improved means for attaching the same to a surface.

The invention further consists in certain novel details of construction and combinations of parts hereinafter fully described, illustrated in the accompanying drawings, and specifically set forth in the claims.

In the accompanying drawings, like characters of reference indicate like parts in the several views, and:—Figure 1 is a face view of a window equipped with this invention. Fig. 2 is a section through the window glass showing the device applied. Fig. 3 is a perspective view of a strip of this character before application. Fig. 4 is a section through.

The numeral 10 indicates the sash of a window and at 11 is shown the window glass. Located on the sash is a suitable contact device 12 from which extend wires 13. Soldered or otherwise connected to the wires 13 is a metallic strip preferably in the form of a flat ribbon of conducting material such as tinfoil as indicated at 14. This strip is secured to a fabric strip 15 which extends longitudinally of the first or conducting strip and has its lateral edges projecting well over said conducting strip. These lateral edges are gummed on the face to which the conducting strip is attached.

In using this strip it is merely necessary to moisten the gummed edges and extend the strip backward and forward across the window as is clearly shown in Fig. 1. It is to be understood that the window here shown is typical of any structure which it is desired to wire such as a door, lattice or the like.

This strip is designed to be manufactured with the conducting material applied to the fabric and it is preferred that the fabric shall be of the nature of paper or the like.

From the foregoing it will be observed that the strip may readily be applied in any form to any surface which it is desired to protect.

It will be noted that this strip is especially adapted for closed circuit burglar alarms. It is well understood that in such alarms the signal is actuated by the breaking of a circuit covering a place to be protected. It is also well known that with ordinary wires the circuit may be short circuited and the glass or other surface cut out between the short circuit points. In the present invention, owing to the peculiar construction of the strip the same cannot be short circuited as any attempt to get at the metallic conductor will result in breaking the conductor strip.

It is obvious that minor changes may be made in the form and construction of this invention without departing from the material principles thereof. It is not therefore desired to confine the invention to the exact form herein shown and described, but it is wished to include all such as properly come within the scope of the appended claims.

Having thus described the invention, what is claimed as new, is:—

1. A wiring for burglar alarms comprising a part to be protected, conductor strips extending continuously across the part to be protected, and gummed strips pasted over the conductor strips and to said part, said gummed strips being pasted to the conduc-

tor strip and extending unbrokenly the entire length thereof, and said conductor strip being a strip of metallic foil.

2. As an article of manufacture, a conductor strip having a gummed strip of fabric pasted to one side thereof said gummed strip having its edges projecting beyond the conductor strip, said edges being also gummed for attachment to a surface on the side facing the conductor strip.

In testimony whereof, I affix my signature, in presence of two witnesses.

HENRY B. COLLIER.

Witnesses:
ED. F. BAIN,
J. W. EDMISTON.