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ELECTRIC TERMINAL CLIP.
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910,842.

Patented Jan. 26, 1909.

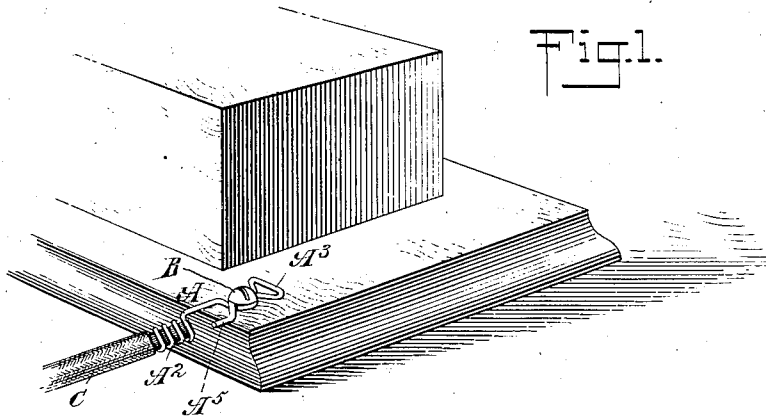


Fig. 1.

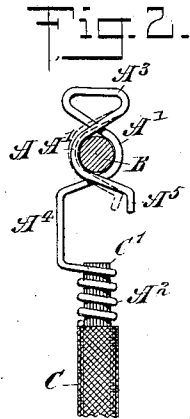


Fig. 2.

WITNESSES

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GEORGE McINTYRE, OF JERSEY CITY, NEW JERSEY.

ELECTRIC-TERMINAL CLIP.

No. 910,842.

Specification of Letters Patent.

Patented Jan. 26, 1909.

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To all whom it may concern:

Be it known that I, GEORGE McINTYRE, a citizen of the United States, and a resident of Jersey City, in the county of Hudson and State of New Jersey, have invented a new and Improved Electric-Terminal Clip, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved electric terminal clip which is simple and durable in construction, and arranged to permit convenient attachment to the binding post of an electric apparatus, and to insure a strong and exceedingly reliable contact for the proper transmission of electric energy.

The invention consists of novel features and parts and combinations of the same, which will be more fully described hereinafter and then pointed out in the claim.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the improvement as applied; and Fig. 2 is an enlarged face view of the improvement.

The electric terminal clip A is made from a piece of spring wire, bent to form a spring or a clamping loop A' and a spiral A², of which the loop A' is in the form of a cross loop and encircles the binding post B of an electric apparatus, and the spiral A² is clenched to the bare portion C' of the conductor C connected with a source of electrical energy. The members of the clamping loop A' cross each other and both terminate at one end in an eye A³, and one of the said loop members terminates at the other end in a shank A⁴ connected with the spiral A², and the other loop member terminates in a fingerpiece A⁵.

When the clip is not in use the inner diameter of the loop A' is considerably less than the diameter of the binding post B, and when it is desired to engage the loop A' with the binding post B then the operator engages the shank A⁴ and the fingerpiece A⁵ between two fingers and presses the fingerpiece A⁵ toward the shank A⁴, so that the

loop A' is opened (see dotted lines in Fig. 2), to permit of readily slipping the open loop A' onto the binding post B. When this has been done the operator releases the shank A⁴ and the fingerpiece A⁵, so that the loop members in closing, owing to the resiliency of the clip material, firmly engage the peripheral surface of the binding post B, to insure an exceedingly firm and reliable contact, especially as the members of the spring loop A' completely encircle the binding post.

By the use of the eye A³ the resiliency and clamping power of the members of the loop A' are considerable, and it will be noticed that by providing the clip with a spring loop capable of being readily opened and closed, and having its members completely encircling the binding post, a proper contact is had between the clip and the binding post, to insure an uninterrupted transmission of the electrical energy from the conductor to the binding post by way of the improved clip.

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

As an article of manufacture, an electric terminal clip for engagement with a binding post, made from a single piece of spring wire, doubled up to form a resilient eye, and a loop for engagement with a binding post, the terminals of the said eye crossing each other to merge into the said engaging loop, one terminal of the engaging loop being arranged for attachment to a conductor and for forming a finger piece, and the other terminal of the engaging loop forming a second finger piece, the said finger pieces when pressed toward each other opening the said engaging loop, and when released of pressure allowing the engaging loop to close by the resiliency of the said eye to firmly contact with the binding post.

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

GEORGE McINTYRE.

Witnesses:

THEO. G. HOSTER,

EVERARD B. MARSHALL.