

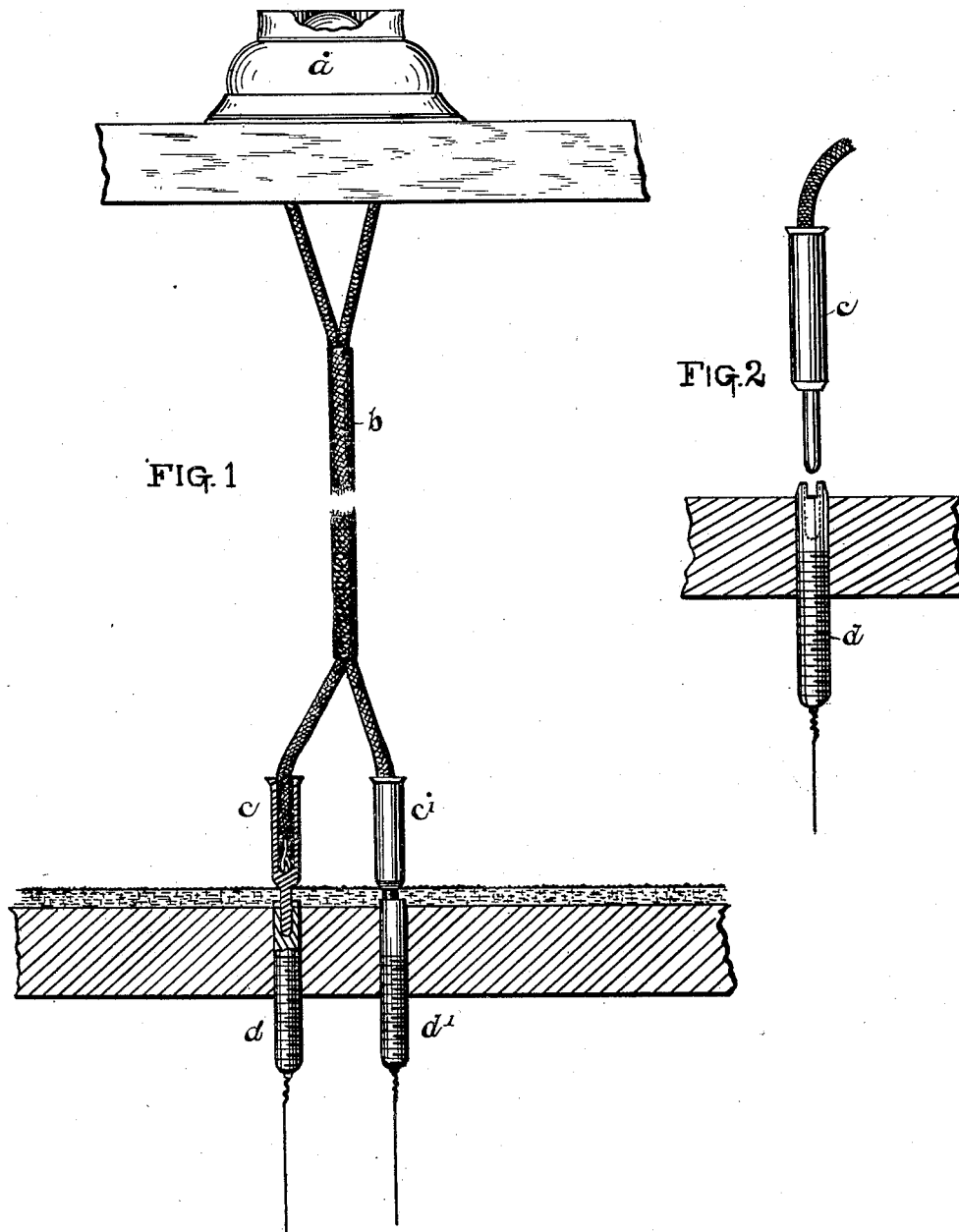
(No Model.)

J. YOUNG.

BINDING POST FOR ELECTRIC WIRES.

No. 301,655.

Patented July 8. 1884.



Attest
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UNITED STATES PATENT OFFICE.

JOHN YOUNG, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE WESTERN ELECTRIC COMPANY, OF SAME PLACE.

BINDING-POST FOR ELECTRIC WIRES.

SPECIFICATION forming part of Letters Patent No. 301,655, dated July 8, 1884.

Application filed March 23, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOHN YOUNG, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Binding-Posts for Electric Wires, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention is designed for use in connection with carpeted floors, as in legislative assemblies, where each desk is provided with an electric call. The annunciator containing numbers or indications for the different desks is placed in any convenient part of the building, and the circuits are run in any well-known way. A member sitting at his desk, by simply pressing on the usual push-key, closes the electric circuit through his particular number of the annunciator, and the needle or other indication is thus turned, so as to call the attention of the pages or attendants to the particular number of the member who has sent in the call. It is frequently necessary to remove the desks for sweeping or taking up the carpet, and on this account it is desirable to provide for disconnecting the push-keys from the binding-posts without injury to the carpet.

The apparatus should be so simple that the janitor may readily connect and disconnect the push-keys from the binding-posts when the desks are placed in position or removed.

My invention herein described has been found of great value in systems of electric calls, where the push-keys are placed upon movable desks upon carpeted floors, as above described; and it consists in providing a pair of binding-posts in the floor under the different desks, the different pairs of posts being adapted to receive the terminal pins or pegs of a conducting-cord, which includes the push-key or circuit-closer placed upon the desk. These binding-posts are preferably screws tapped out in the center of the head to correspond with the pegs or pins, which are pointed so as to pierce the carpet. The circuit-closer may be of any well-known form, and the circuits are run in any well-known way.

My invention is illustrated in the accompanying drawings, in which Figure 1 shows a view, partly in section, of my binding-posts placed in the floor, with the pins of the cord,

including the push-key upon the desk, inserted therein through the carpet. Fig. 2 shows a single post provided with a slot for the screw-driver projecting above the floor and one of the pegs removed.

The push-key *a*, placed upon the desk, may be of any well-known form. The cord *b* is provided with terminal pins *c c'*. The posts *d d'* preferably project slightly above the floor, as shown, so that they may be readily found by pressing with the hand upon the carpet laid over them. These binding-posts are tapped out to correspond with the shank or points of the terminal pegs, which are sufficiently tapering to be inserted through the carpet into the posts.

My invention is now in use in the capitol at Des Moines, Iowa, and has proved to be of great value.

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

1. The combination, with the floor of a building, of a pair of binding-posts raised so as to be readily felt through the carpet, the cord, including the circuit-closer, and provided with terminal pins or pegs, said pins or pegs being adapted to be inserted through the carpet laid upon the floor into said binding-posts, respectively, so as to form electrical connection therewith, substantially as and for the purpose specified.

2. The combination, with a binding-post screwed into the floor of a building and projecting above the floor sufficiently to be felt through the carpet, of a pointed peg adapted to pierce the carpet and form electrical connection with the post when inserted in the post, substantially as and for the purpose specified.

3. The combination, substantially as hereinbefore set forth, of the circuit-closer permanently attached to a movable desk, of the flexible cord provided with terminal pegs, and the binding-posts inserted in the floor and tapped out to correspond with said pegs, whereby electrical connection may be made through the carpet placed over said binding-posts, substantially as and for the purpose specified.

In witness whereof I hereunto subscribe my name this 17th day of March, A. D. 1884.

JOHN YOUNG.

Witnesses:

GEORGE P. BARTON,
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