

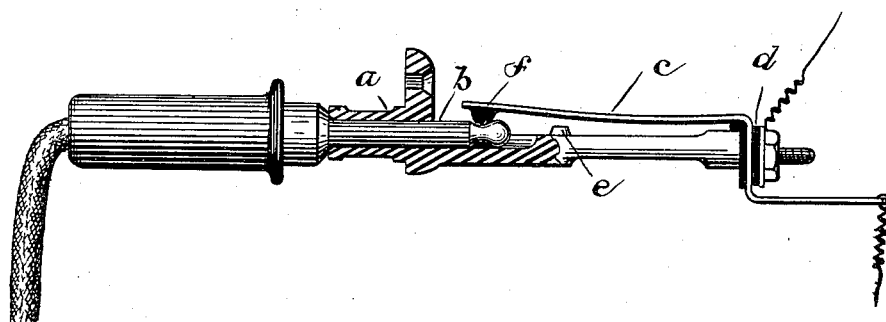
(No Model.)

C. E. SCRIBNER.

TELEPHONE EXCHANGE SWITCH.

No. 345,325.

Patented July 13, 1886.



Attest

Paul A. Stalup
C. C. Shepherd-

Inventor

Charles E. Scribner
By his Attorney George P. Barton

UNITED STATES PATENT OFFICE.

CHARLES E. SCRIBNER, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE WESTERN
ELECTRIC COMPANY, OF SAME PLACE.

TELEPHONE-EXCHANGE SWITCH.

SPECIFICATION forming part of Letters Patent No. 345,325, dated July 13, 1886.

Application filed February 25, 1884. Serial No. 122,015. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. SCRIBNER, 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 Telephone-Exchange Switches, (Case 75,) of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawing, forming a part of this specification.

My invention relates to switches or spring-jacks; and it consists in a metallic frame or tube provided with a lug, which serves as a contact-point, a metallic spring mounted on said frame and insulated therefrom, and a connecting-plug, which, when inserted in the switch, lifts said spring from its normal contact with said lug or contact-point and forms a connection with the frame of the switch, while the spring always remains insulated from the said connecting-plug.

In the drawing, which is illustrative of my invention, the frame or tube *a* is adapted to receive the connecting-plug *b*. The spring *c* is mounted on the frame, and insulated therefrom at *d*. The spring normally rests upon the lug or contact-point *e*. The spring is pro-

vided at or near its free end with the block of insulating material *f*, preferably of vulcanized fiber. The telephone-line, or other circuit, may be connected to the frame of the switch, and thence normally by the lug *e* to the spring *c*, and thence to ground. When the plug is inserted in the switch, the point of the plug comes against the beveled insulating-piece *f*, as shown, and the spring is thus lifted from the contact-point *e*, and a new connection is made between the frame and the plug.

I claim—

The combination of the frame provided with the lug or contact-point, the spring mounted on the frame and insulated therefrom, the piece of insulating material at the free end of the spring, and the plug, whereby the spring is lifted from the contact-point, substantially as and for the purpose specified.

In witness whereof I hereunto subscribe my name this 9th day of February, A. D. 1884.

CHARLES E. SCRIBNER.

Witnesses:

GEORGE P. BARTON,
C. C. SHEPHERD.