

(No Model.)

J. A. SEELY.

CABLE RACK FOR SWITCH BOARDS.

No. 367,730.

Patented Aug. 2, 1887.

Fig. 1.

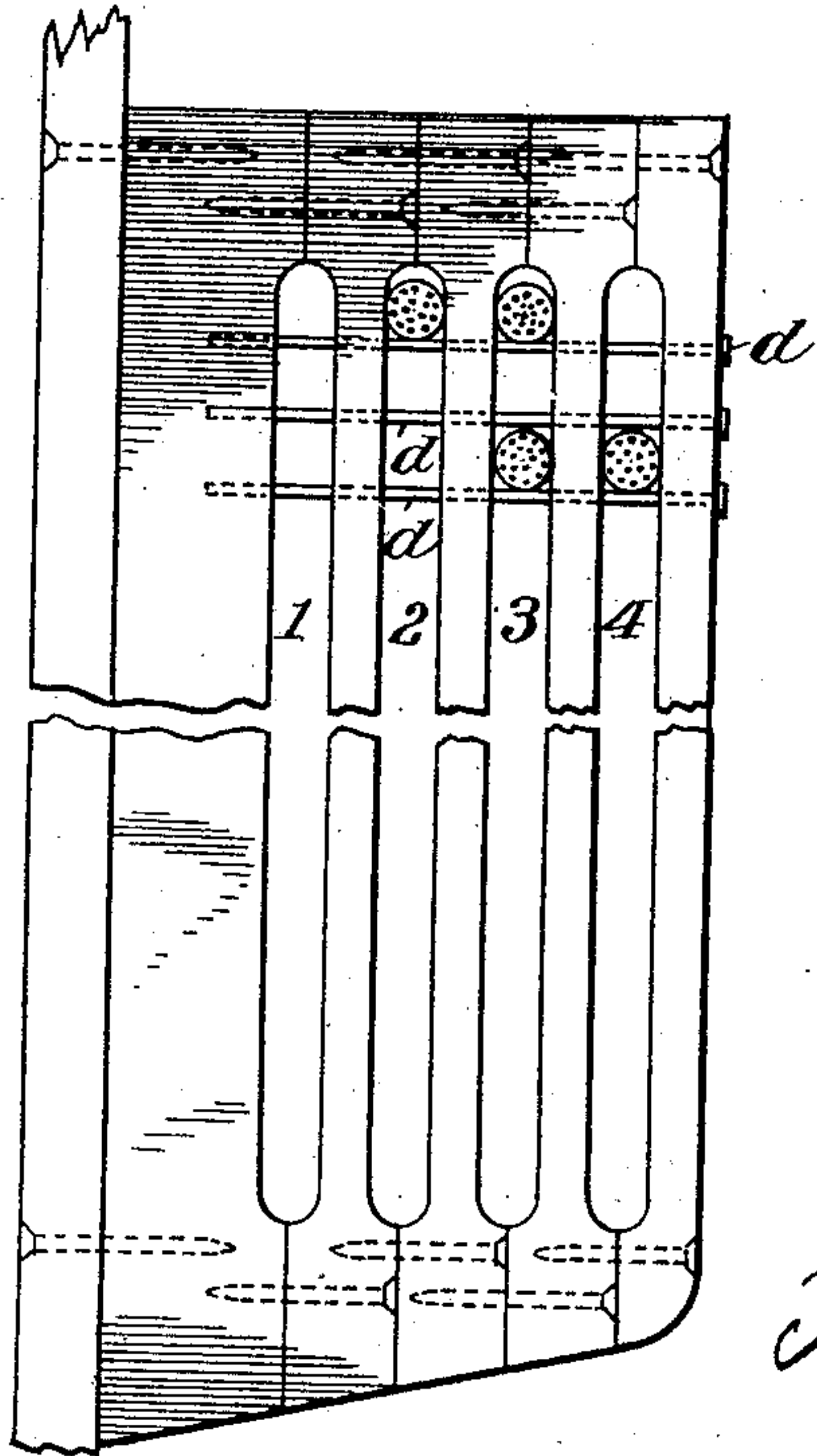
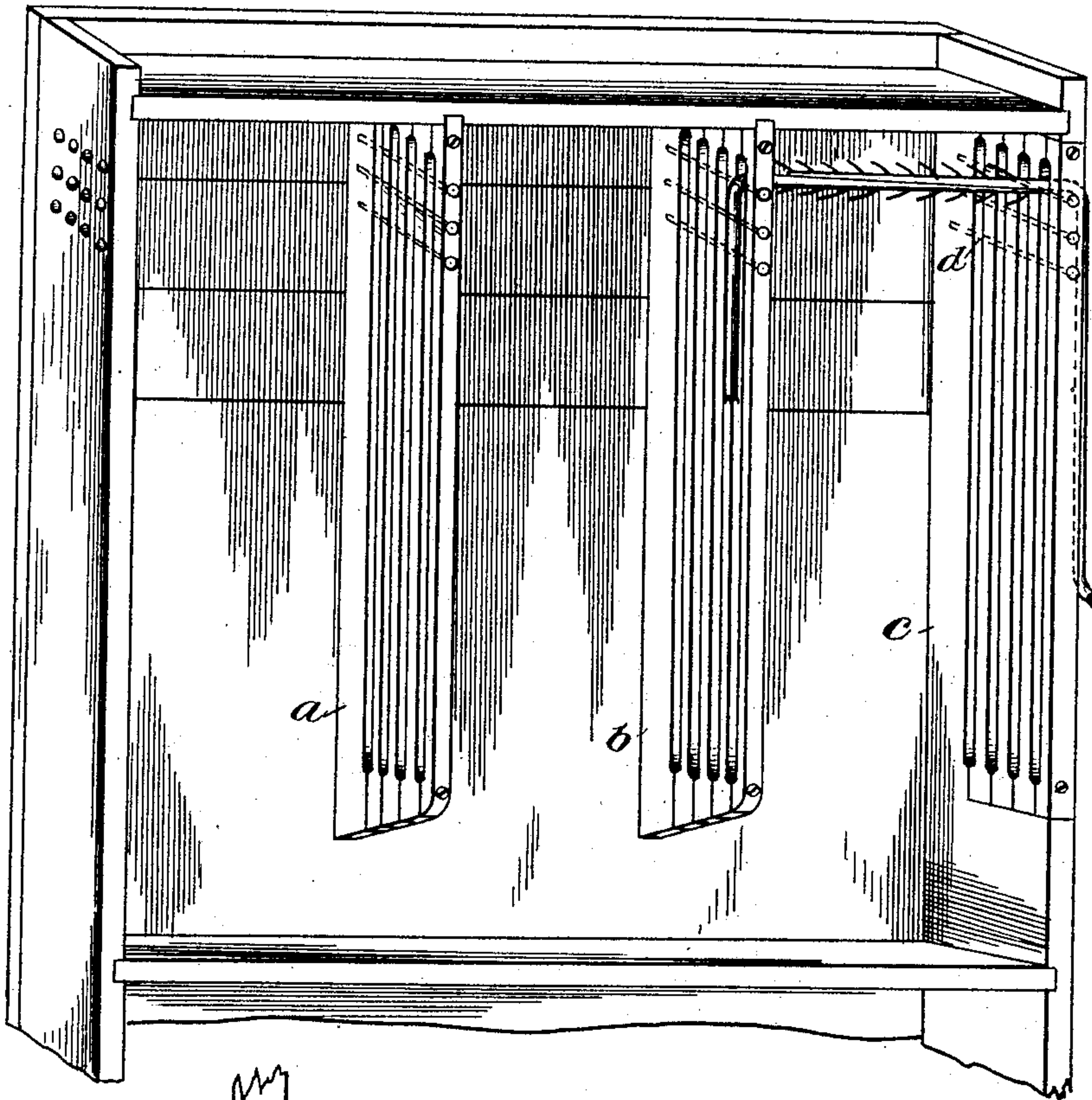


Fig. 2.

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UNITED STATES PATENT OFFICE.

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CABLE-RACK FOR SWITCH-BOARDS.

SPECIFICATION forming part of Letters Patent No. 367,730, dated August 2, 1887.

Application filed January 31, 1887. Serial No. 236,011. (No model.)

To all whom it may concern:

Be it known that I, JOHN A. SEELY, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented a certain new and useful Improvement in Cable-Racks for Switch-Boards, (Case 6,) 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 relates to racks for supporting the electric cables behind switch-boards of a telephone-exchange; and its objects are, first, to support the cables so that they may be raised and lowered at will back of the spring-jacks, so that a section of spring-jacks may be taken out at the rear of the board and replaced with the greatest ease, and, second, to permit a section of spring-jacks to be taken out with the wires attached and transferred from one board to another without disturbing the cable-connections.

My invention consists in a series of supports placed at the rear of the switch-board at intervals corresponding to the length of the spring-jacks. Each of the separate supports is provided with slots, through which the cables are run, pins being inserted at intervals, so that the different cables may be kept separate.

In multiple switch-board systems, where test-wires are used in addition to the line-wires, each section of spring-jacks may consist of five strips of twenty spring-jacks each, each strip occupying an area on the board half an inch high by twelve inches long. Thus the cable-supports would be placed a foot apart, and four slots would be required—two for the line-cables and two for the test-cables.

In the accompanying drawings, Figure 1 is a rear perspective view illustrative of my cable-rack placed behind a switch-board, showing the manner of supporting the cables thereon. Fig. 2 is a side elevation of one of the sections of the rack.

It will be seen that each section of the rack is made up of strips, which may be held edge to edge by screws or by glue, or in any other well-known way. Slots 1 2 3 4 are provided between the different strips. Each section is placed vertically and at right angles to the plane of the switch-board. Thus in Fig. 1 I have shown the sections *a b c* in position for supporting the cable. Each section is provided with four slots, 1 2 3 4, as before described. By means of pins *d* these slots are checked off to form separate divisions or holes for each of the cables, the pins being placed half an inch apart, so as to correspond to the different sections of spring-jacks. By simply removing any pin *d* it will be seen that the cables resting thereon may be lowered, so as to afford space between the cables thus lowered and the cables immediately above. Thus the spring-jacks and connections are made readily accessible from the rear of the board.

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

1.* The combination, with a switch-board, of cable-supports *a b c*, placed at the rear of the board and provided with slots and removable pins, whereby the cable is supported and the rear of the board made accessible, as described.

2. The combination, with the switch-board, of cable-supports arranged at the rear of the board between the different sections of spring-jacks, said racks being provided with slots checked off by pins at intervals corresponding to the width of the different strips of spring-jacks, substantially as described.

In witness whereof I hereunto subscribe my name this 5th day of January, A. D. 1887.

JOHN A. SEELY.

Witnesses:

EDWARD W. BOSTWICK,
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