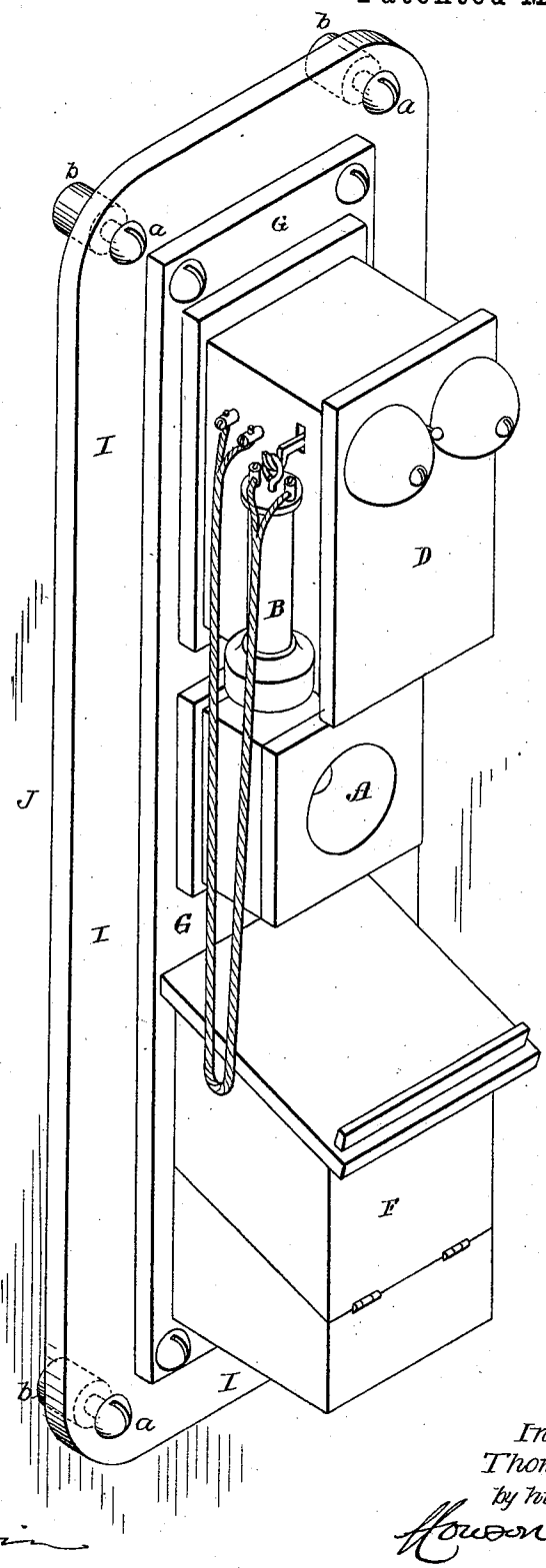
(No Model.)

T. KELLY.

MOUNTING FOR TELEPHONES.

No. 539,274. Patented May 14, 1895.



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UNITED STATES PATENT OFFICE.

THOMAS KELLY, OF PHILADELPHIA, PENNSYLVANIA.

MOUNTING FOR TELEPHONES.

SPECIFICATION forming part of Letters Patent No. 539,274, dated May 14, 1895.

Application filed September 8, 1894. Serial No. 522,463. (No model.)

To all whom it may concern:

Be it known that I, THOMAS KELLY, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Mounting Telephones, of which the following is a specification.

The object of my invention is to improve the transmitting and receiving properties of a telephone instrument, an object which I attain by mounting the transmitter and receiver, and preferably, also, the usual call box and battery upon a plate or slab, preferably of stone, supported some distance from the wall of the room or apartment in which the instrument is situated so as to provide a space between said slab and the wall.

The accompanying drawing represents a perspective view, partly in section, of an ordinary form of telephone-instrument mounted in accordance with my invention.

A represents the transmitter; B, the receiver; D, the call box, and F the battery box of the instrument, all of these parts being mounted upon the usual backing plate G. This plate is secured to a plate or slab I of wood, metal or stone, preferably of stone, such as slate, or soap stone, and this slab is mounted upon screws or other fastenings *a* which also support blocks *b*, the latter serving as distance pieces to prevent the close approach of the slab to the wall J of the room or apartment, so that a space of an inch or more intervenes between the wall and the slab. I have found in practice that by mounting the telephone instrument upon an isolated plate in this manner the action of both the transmitter and the receiver is materially improved and the sound of the voice is much clearer and stronger at each end of the line than is the case with the ordinary telephone instrument secured directly to the wall. The isolated slab, therefore, seems to perform some function other than that of a mere sounding board; otherwise I should be at a loss to account for the improvement in the action of the receiver, since this improvement is noticeable even when the instrument at the transmitting end of the line is not mounted in accordance with my invention.

Various materials may be employed for the distance pieces *b* although I have found that rubber or other elastic and compressible material best answers the purpose.

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

1. The combination of a telephone transmitter and receiver, with a slab or plate carrying the same and rigidly supported upon, but some distance away from the wall of the room or apartment, so as to provide an open space between it and the wall, substantially as specified.

2. The combination of a telephone transmitter and receiver, with a slab or plate of slate carrying the same and rigidly supported upon, but some distance away from the wall of the room or apartment, substantially as specified.

3. The combination of a telephone transmitter and receiver, with a plate or slab carrying the same, fastenings whereby said plate or slab is secured to the wall of the room or apartment, and distance pieces serving to prevent contact of said slab or plate with the wall, substantially as specified.

4. The combination of a telephone receiver and transmitter, with a slab or plate carrying the same, fastenings for securing said slab or plate to the wall of the room or apartment and distance pieces of rubber or other elastic material interposed between the slab and the wall and serving to isolate the slab, substantially as specified.

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

THOMAS KELLY.

Witnesses:
MURRAY C. BOGER,
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