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C. H. SEDGWICK

TELEPHONE

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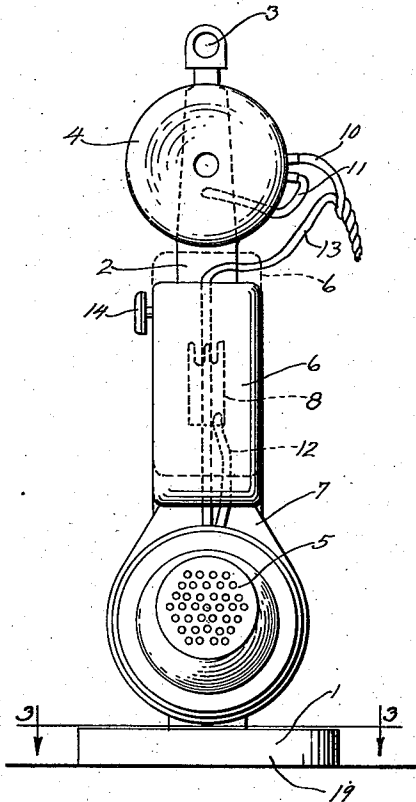


Fig. 1.

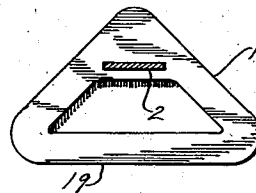
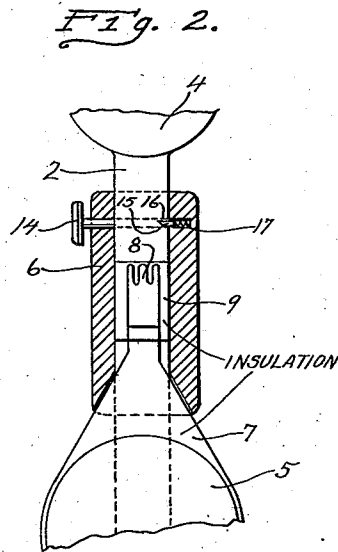


Fig. 3.

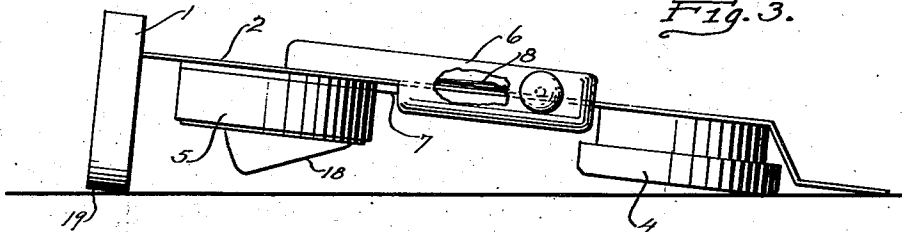


Fig. 4.

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TELEPHONE.

Application filed January 28, 1927. Serial No. 164,231.

My invention relates to improvements in telephones, and it consists in the combinations, constructions, and arrangements, hereinafter described and claimed.

5 An object of my invention is to provide a telephone in which the receiver and the transmitter are connected together so that both of them may be manipulated by one hand and in which the switch is auto-
10 matically opened when the telephone is placed in an upright position.

A further object of my invention is to provide a device of the type described in which the weight of the telephone is utilized
15 for closing the switch and which provides novel means for permitting the telephone to be placed upon a supporting surface and still keep the switch closed.

Other objects and advantages will appear
20 in the following specification, and the novel features of the invention will be particularly pointed out in the appended claims.

My invention is illustrated in the accompanying drawing, forming a part of this
25 application, in which—

Figure 1 is a front elevation of the device,

Figure 2 is a vertical section thru a portion of the device,

30 Figure 3 is a section along the line 3—3 of Figure 1, and

Figure 4 shows the device disposed in a position for keeping the switch closed.

In carrying out my invention, I provide a triangular shaped stand 1 having an upright
35 2 extending therefrom, this upright having an eyelet 3 at the top thereof. Near the top of the upright 2, I mount a receiver 4, and upon the upright, I slidably dispose a transmitter 5. Figure 4 clearly shows how the
40 transmitter 5 is connected to a sleeve 6, which moves upon the upright 2.

The upright 2 is preferably made of a conducting material, while the connecting member 7, which secures the transmitter to the
45 sleeve 6, and the sleeve are made from insulating material. The sleeve 6 carries a contact 8 which bears against the insulated portion 9 of the upright 2 when the sleeve is in the position shown in Figures 1 and 2. When
50 the sleeve is moved into the dotted line position (see Figure 1), the contact 8 will touch a conducting portion of the upright 2, thus closing a circuit between the wire 10 (see Figure 1), receiver 4, wire 11, upright 2, con-

tact 8, wire 12, transmitter 5, and then to 55 wire 13.

In Figure 2, I show the sleeve 6 as being provided with a push button catch 14, this catch having a projection 15 receivable in a recess 16. A spring 17 urges the projection 60 15 into the upright 2.

From the foregoing description of the various parts of the device, the operation thereof may be readily understood. When a person wishes to use the telephone, he
65 grasps the sleeve 6 and lifts the device, bodily, from the supporting surface. At the same time, he presses upon the push button 14, thus causing the upright 2 to move downwardly with respect to the sleeve 6 and the transmitter 5 and to make an electrical connection with the contact 8. The mouth portion 18 of the transmitter 5 is inclined (see Figure 4) for permitting the person to
70 readily talk into the transmitter when placing the receiver 4 against the ear. The telephone switch is opened when the device is again placed upon the supporting surface in the position shown in Figure 1. In case the operator wishes to keep the circuit closed, 80 and, at the same time, place the device upon the supporting surface, he disposes the device in the manner shown in Figure 4. The triangular base 1, when resting on its forward edge 19, inclines the upright 2 so that the
85 sleeve 6 will remain in the dotted line position due to gravity. The eyelet 3 may be placed over a hook for supporting the telephone, if desired.

I claim:

1. A telephone comprising a support, a movable sleeve for lifting the support bodily, a switch, said switch being closed when said sleeve is moved with respect to said support, means for locking said sleeve to said support 95 when the switch is in open position.

2. A telephone comprising a support, a movable sleeve for lifting the support bodily, a switch, said switch being closed when said sleeve is moved with respect to said support, means for locking said sleeve to said support 100 when the switch is in open position, and means for disengaging said locking means.

3. A telephone comprising a support, a sleeve slidably mounted on said support and adapted to drop to its lowermost position by gravity, a switch, said switch being open in the lowermost position of said sleeve and 105

closed in the uppermost position thereof, a base on said support adapted to hold said telephone inclined when placed face downwards on a supporting surface, so as to maintain said sleeve in its uppermost position.

4. A telephone comprising a base, said base to hold said telephone in an upright position, a support extending from said base, a slidable sleeve carried by said support, and a switch actuated by said sleeve, said switch being closed when said sleeve is moved with respect to said support, and means for locking said sleeve to said support when said switch is in open position.

5. A telephone comprising a base, said base to hold said telephone in an upright position, a support extending from said base, a slidable sleeve carried by said support, a switch actuated by said sleeve, said switch being closed when said sleeve is moved with

respect to said support, means for locking said sleeve to said support when said switch is in open position, and manually operated means for releasing said locking means.

6. A telephone comprising a base, said base to hold said telephone in an upright position, a support extending from said base, a receiver secured to said support, a slidable sleeve carried by said support, a transmitter carried by said sleeve, a switch actuated by said sleeve, said switch being closed when said sleeve is moved with respect to said support, a spring actuated projection mounted in said sleeve for locking said sleeve to said support when said switch is in open position, and a manually operated plunger for releasing said projection.

In testimony whereof I affix my signature.

CHARLES H. SEDGWICK.