No. 725,850. PATENTED APR. 21, 1903.

G. KÖNIGSTEIN.

TELEPHONE RECEIVER HOLDER.

APPLICATION FILED JAN. 13, 1902.

NO MODEL.

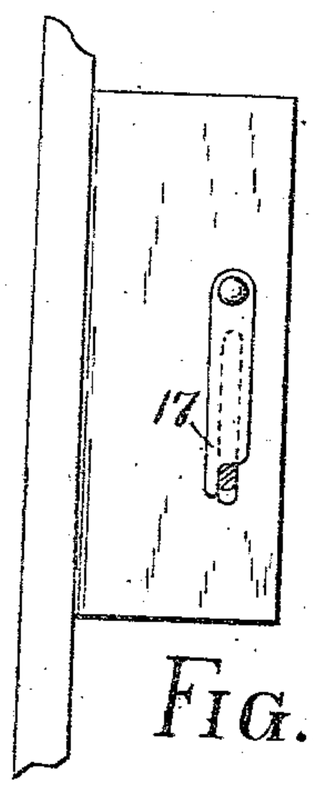

FIG. 2.

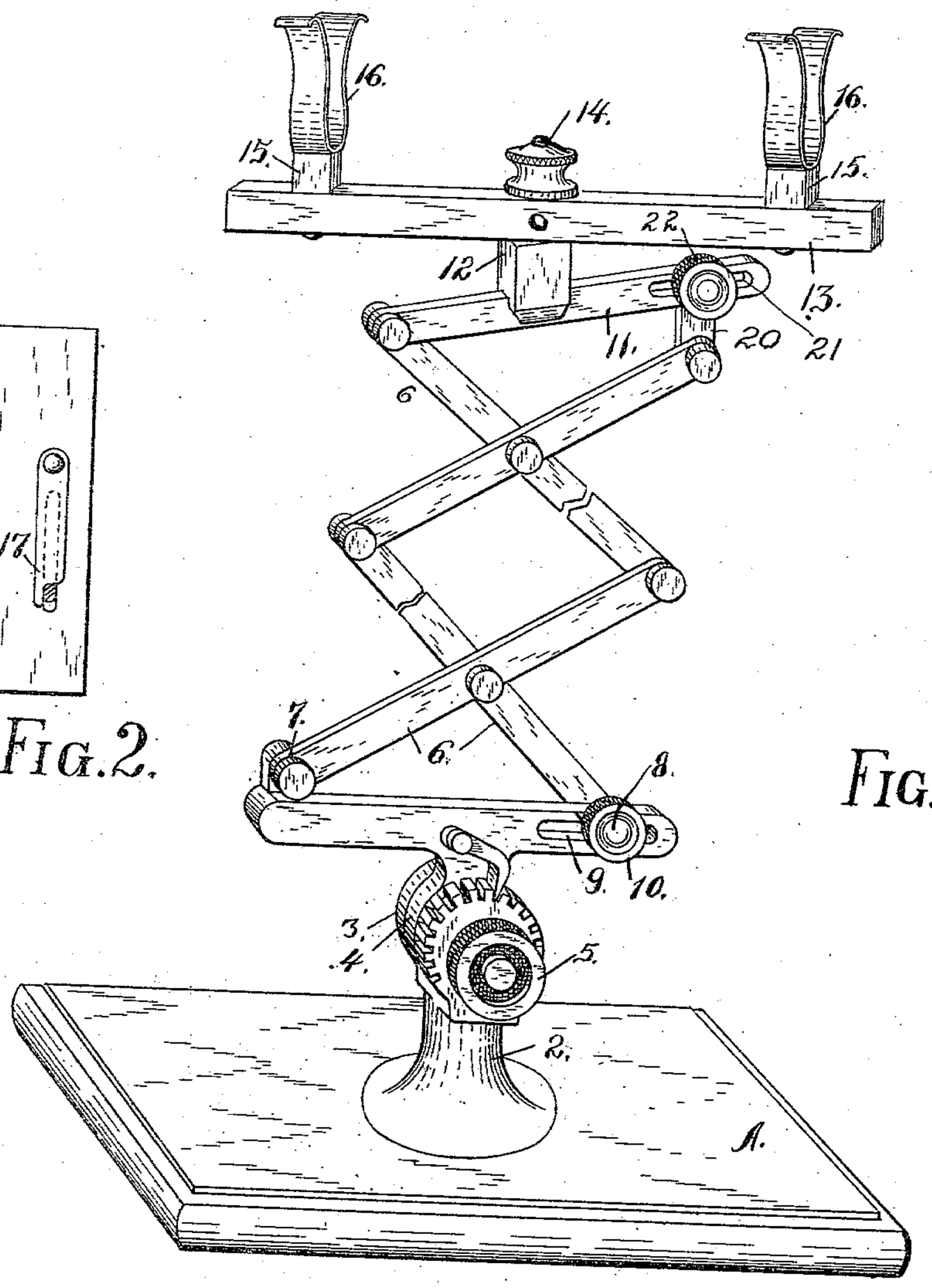

FIG. 1.

Witnesses,
J. L. Snure
F. P. Klersten.

Inventor,
Gabor Königstein
by Dewey Thought & Co.
Atty

UNITED STATES PATENT OFFICE.

GÁBOR KÖNIGSTEIN, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR OF ONE-HALF TO MAX HORWINSKI, JR., AND EDWARD HORWINSKI, OF SAN FRANCISCO, CALIFORNIA.

TELEPHONE-RECEIVER HOLDER.

SPECIFICATION forming part of Letters Patent No. 725,850, dated April 21, 1903.

Application filed January 13, 1902. Serial No. 89,459. (No model.)

To all whom it may concern:

Be it known that I, GÁBOR KÖNIGSTEIN, a citizen of the United States, residing in the city and county of San Francisco, State of California, have invented an Improvement in Telephone-Receiver Holders; and I hereby declare the following to be a full, clear, and exact description of the the same.

My invention relates to a device for adjustably holding the telephone earpiece or receiver while it is in use and in suitable relation with the mouthpiece, so that the hands are relieved of the duty of holding the receiver and are left free to write or for other purposes.

It consists of the parts and the constructions and combinations of parts which I will hereinafter describe and claim.

Figure 1 is a perspective view of my device. Fig. 2 shows one method of holding down telephone-lever.

As shown in the accompanying drawings, A is a base which may be secured to the wall by the side of a fixed telephone or may be fixed or movable upon the table when used in conjunction with a movable table apparatus. The transmitter may, if desired, be mounted upon the same base with the present device, which is designed to hold the receiver and to adjust its position with relation to the transmitter so that the operator can have his ear to the receiver and his mouth in proper conjunction with the transmitter at the same time and without the fatigue of holding the receiver in the hand.

Upon the base A is a post 2, having a head 3 in the form of circular clamping sides, between which a plate 4 is adapted to turn and be clamped when adjusted by means of a locking-screw 5. The plate or bar 4 has connected with it the two lower members of an extensible frame known as "lazy-tongs," as shown at 6. One of the lower bars 6 is connected with a fixed pivot on the plate 4, as shown at 7, and the other one has its lower end connected with a pivot 8, which is slidable in a slot 9, made transversely in the upper part of the plate 4. By means of a locking-screw 10 the end of the movable bar 6 can be clamped at any desired point. The operation will then be as follows: When the device is closed together, all of the bars 6 lie upon each other and in comparatively small space. When it is desired to extend the device, the members are separated, turning about the central and end pivots until the device is extended to any desired length, the movable lower member 6 meantime sliding with relation to the slot 9, and when the proper extension has been reached it is locked by means of the set-screw 10, and the device will then remain in the position to which it has been extended. By means of the turnable joint at 3 the device can also be tilted to one side or the other, thus giving a universal movement and adjustment to place the upper part at any desired position, after which it is locked by turning the locking-screw 5.

If desired, a pawl-and-ratchet device may be employed to more surely hold the device when the angle is turned, in which case teeth will be made upon the periphery of the circular portion 3, and a pawl carried upon the plate 4 or an equivalent arrangement of the parts serves to lock them at the desired point of adjustment, which will be a more certain means for holding when the device is turned to a considerable angle with the base.

It will be understood that by radial ridges or corrugations between the parts 3 and 4 the compression of the sides 3 upon the part 4 would serve equally well to lock the movable portion.

Upon the top bar 11 of the device is a post 12, and upon this post is fitted a swiveled bar 13, held in place by a nut 14, turnable upon threads on the upper end of the pin upon which the bar 13 is swiveled. This bar has holes made through it at right angles with each other, so that one of the holes may fit over the pin if the device is to be used in conjunction with a table-transmitter, or by taking off the nut and turning the bar 13 at right angles with the former position and again replacing it it will serve to hold the receiver when the device is attached to the wall. Upon each end of the swiveled bar 13 are posts 15, and these carry the curved elastic clamps 16,

the opening of which is such that the body of the telephone-receiver can be fitted into the clamps and will be properly held in place by their elasticity.

With this construction it will be seen that the bars 6 can be extended so as to bring the upper end and the receiver carried thereby in proper relation with the mouthpiece of the transmitter and the bar 13 can be turned or swiveled to any desired relative position for the convenience of the operator.

The hook of the telephone may be held down either by a sufficient weight adapted to be hung therefrom or it may be held in place by a latch, as shown at 17, this latch being pivoted a little to one side of a vertical line above the shank of the hook, so that by simply depressing the hook the latch will drop in above it and prevent its rising. When the telephone is to be used, it is only necessary to push the latch back and allow the hook to so remain while the phone is in use.

One end of the bar 11 is pivoted to the end of one of the contiguous crossed members 6. The end of the other member 6 has pivoted to it one end of a short link 20. A slot 21 is made in the end of bar 11, and a thumb-screw 22 passes through this slot and the opposite end of link 20. When the thumb-screw is loosened, it allows the structure to be extended or shortened, and when properly adjusted it is locked by tightening the screw.

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

1. In a telephone apparatus, a receiver-holding device consisting of an extensible and adjustable carrier, a swiveled adjustable arm upon the outer end of the carrier and having bearings in it arranged at right angles whereby the bar may be held in different positions, as with a table-transmitter, or when attached to a wall, and elastic holding-clamps fixed to said arm.

2. Means for holding telephone-receivers consisting of an arm, having holes through it at right angles whereby it may be held in different positions as described, elastic clamps carried thereon, an extensible device to which said arm is adjustably swiveled, said device being formed of pivoted crossed arms, a base to which their inner ends are connected, and means for locking the device at any point of adjustment.

3. The combination of elastic holding-clamps, an arm to which they are fixed, said arm having holes made through it at right angles with each other, a pin upon which the arm is adapted to swivel in either position and an extensible and adjustable carrier to which the pin is fixed.

4. The combination of elastic holding-clamps, a swiveled bar to which the clamps are attached, a carrier having a pin at the outer end and said bar having bearings in it arranged at right angles and either of which may engage said pin, and a thumb-nut for securing the swiveled arm, said carrier being extensible and adjustable.

5. The combination of elastic holding-clamps, an extensible and adjustable carrier, a swiveled arm to which the clamps are secured and a pin on the carrier upon which the arm is turnable, said arm having holes through it at right angles, to receive said pin, a locking-nut to retain it in any desired position, and a locking-nut by which the carrier is fixed at any desired point.

6. The combination of elastic holding-clamps, a centrally-swiveled arm to which the clamps are fixed, an extensible carrier consisting of crossed pivoted arms and transverse top and bottom bars having one end slotted, upon the outer end of which carrier the swiveled arm is mounted, a base having a plate turnable therein, to which plate the lower members of the extensible carrier are connected and locking-screws by which the members are secured to the plate and the plate to its support.

7. The combination of elastic clamps, a swiveled, removable, and changeable bar to which they are fixed, an extensible carrier consisting of crossed pivoted arms and transverse top and bottom bars having one end slotted, upon the outer end of which carrier the receiver is supported, a base and a socket-piece secured thereto, a plate to which the lower members of the extensible carrier are connected, said plate being turnable in the socket, and means for locking it at any point of adjustment.

8. A telephone-receiver holder consisting of spring-clamps, a swivel-bar upon which they are mounted, an extensible carrier consisting of crossed pivoted arms transverse top and bottom bars having one end slotted and a slidable and locking pin connection between one extensible bar and said slot, and a fixed pivotal connection between the companion member and the opposite end of each transverse bar.

9. A telephone-receiver holder including a swivel-bar and spring-clamps an extensible carrier consisting of crossed pivotal members, a transverse bar upon which the swivel-bar is carried at one end, a similar bar with pivoted and slidable connection with companion extension members at the opposite end and a circular pivot-plate, a slotted standard having a screw-pin about which the plate is turnable, and a pawl and ratchet to hold the parts at any desired inclination.

In witness whereof I have hereunto set my hand.

GÁBOR KÖNIGSTEIN.

Witnesses:
S. H. NOURSE,
JESSIE C. BRODIE.