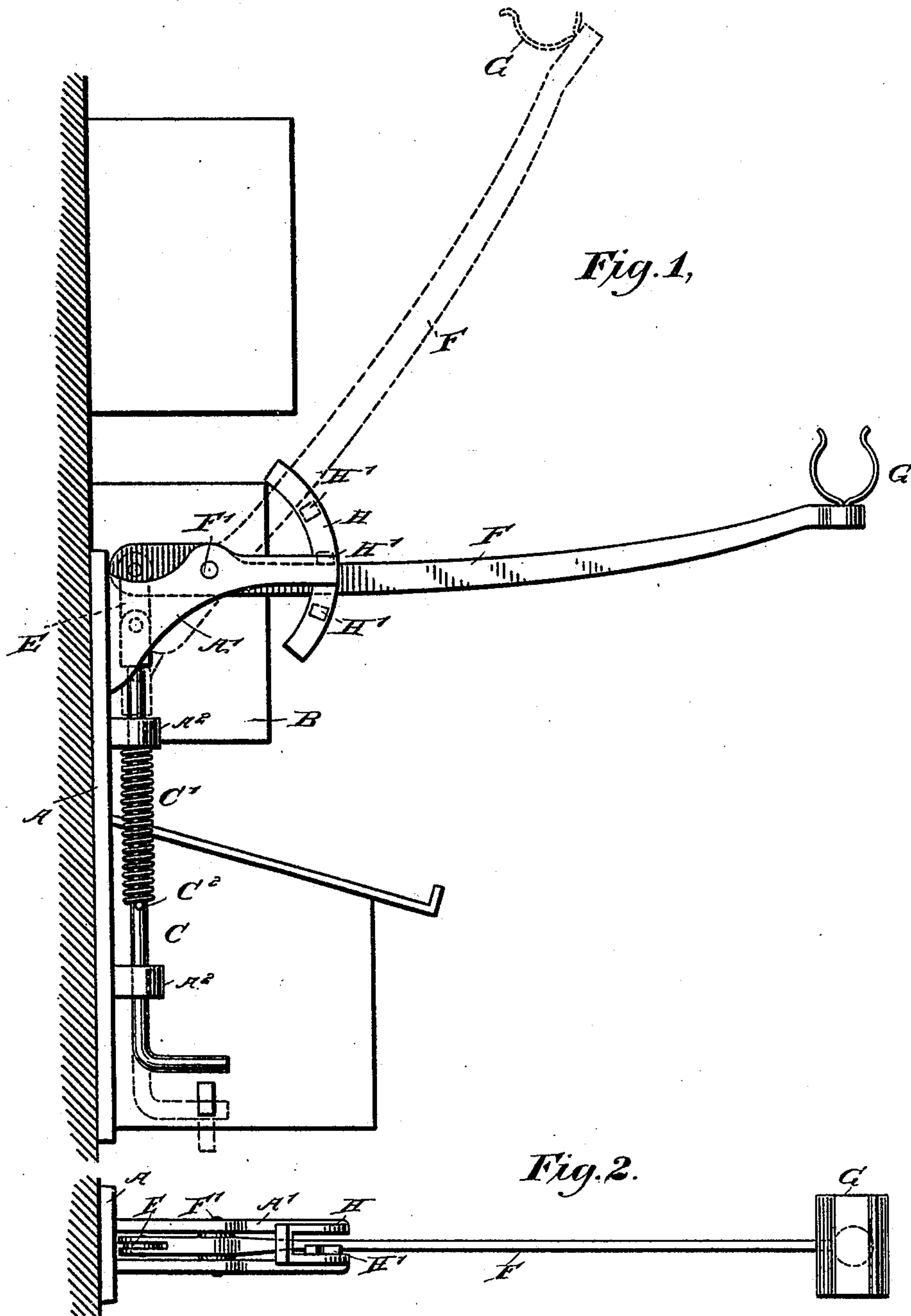


(No Model.)

F. W. MARTLAND.
HOLDER FOR TELEPHONE RECEIVERS.

No. 551,551.

Patented Dec. 17, 1895.



WITNESSES:

Edward Thorpe.
Rev. J. H. [Signature]

INVENTOR

F. W. Martland

BY

Munn & Co
ATTORNEYS.

UNITED STATES PATENT OFFICE.

FERGUS W. MARTLAND, OF FALL RIVER, MASSACHUSETTS, ASSIGNOR OF
ONE-HALF TO GEORGE W. HOAR, OF SAME PLACE.

HOLDER. FOR TELEPHONE-RECEIVERS.

SPECIFICATION forming part of Letters Patent No. 551,551, dated December 17, 1895.

Application filed June 10, 1895. Serial No. 552,340. (No model.)

To all whom it may concern:

Be it known that I, FERGUS W. MARTLAND, of Fall River, in the county of Bristol and State of Massachusetts, have invented a new and Improved Holder for Telephone-Receivers, of which the following is a full, clear, and exact description.

The invention relates to telephones; and its object is to provide a new and improved holder, arranged to support the receiver in close proximity to the ear of the user of the telephone, without requiring the user to hold the receiver in his hands.

The invention consists principally of a spring-pressed rod fitted to slide and connected with the telephone-switch, an arm pivotally connected with the said rod and adapted to carry the receiver and a segment for holding the said arm in any desired inclined position, to bring the receiver close to the ear of the user.

The invention also consists of certain parts and details and combinations of the same, as will be fully described hereinafter and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in both the figures. Figure 1 is a side elevation of the improvement with parts in section, and Fig. 2 is a plan view of the same.

The receiver-holder is provided with a plate A, secured to a suitable support near the telephone B and furnished with suitable bearings A², and in the said bearings is fitted to slide vertically a rod C. The said rod is bent at its lower end to connect with the switch of the telephone, so as to open and close the switch when the telephone is in use. The upper end of the rod C is pivotally connected by a link E with the rear end of an arm F, fulcrumed at F' on a bracket A' forming part of the plate A. The outer end of the arm F is provided with a fork G, adapted to carry the receiver of a telephone, so that when the arm F is swung up or down, the receiver can be moved close to the ear of the user without the user supporting the receiver in one of his hands.

In order to lock the arm F in any desired position I provide a segment H, supported on the bracket A', and having its center in the fulcrum F', the said segment being also provided with lugs H' placed suitable distances apart and adapted to engage at their under side the top edge of the arm F. The latter stands normally in an approximately vertical position, as indicated in dotted lines in Fig. 1, and in order to hold the same in this position, a spring C' is coiled on the rod C and rests with one end on one of the bearings for the rod and at its other end on a pin C² attached to the rod. When the arm F is in this position, the spring is relaxed, but when the arm F is swung downward to bring the receiver close to the ear of the user, then the spring C' is compressed by the upward sliding of the rod C carrying the pin C² in engagement with the spring.

The segment H is so arranged that the arm F can be readily moved downward or upward in the segment and then moved sidewise, to bring it under a corresponding lug H', it being understood that sufficient play is given to the arm F at its fulcrum; or the said arm may be made sufficiently elastic to permit of springing it under the corresponding lug H' after the arm has been adjusted to bring the receiver close to the ear of the user.

It is understood that the receiver may be supported on the outer end of the arm F in any desired manner. For instance, it may be attached to a pivot mounted to swing in the free end of the arm, so that the receiver can also be adjusted horizontally as well as vertically. When the arm F is in an uppermost position, the telephone-switch is open and when the arm F is swung downward by the user, then the upward sliding of the rod C causes a closing of the switch, to make the transmission of speech by means of the telephone possible. When the operator is through using the telephone, he takes hold of the arm F and presses it slightly sidewise to disengage it from the corresponding lug H' to unlock the arm and to permit the spring C' to push the rod C downward, to cause the arm F to swing automatically back to its normal uppermost position.

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

1. A holder for telephone receivers, com-
5 prising a spring-pressed rod fitted to slide,
and connected with the telephone switch, an
arm pivotally connected with the said rod and
adapted to carry the receiver, and a segment
for holding the said arm in any desired in-
10 clined position, to bring the receiver close to
the ear of the user, substantially as shown
and described.

2. A holder for telephone receivers, com-
prising a vertically-disposed rod connected

with a telephone switch, a spring pressing on 15
the said rod, a link pivotally connected with
the said rod, an arm connected at its rear end
with the said spring and adapted to support
at the front end the telephone receiver, and a
segment provided with lugs adapted to be en- 20
gaged by the said arm, to lock the latter in
any desired inclined position, to bring the re-
ceiver close to the ear of the user, substan-
tially as shown and described.

FERGUS W. MARTLAND.

Witnesses:

HENRY H. EARL,

GEORGE E. BUMFORD.