(No Model.)

C. K. MEAD.

ARM SUPPORT FOR TELEPHONE OPERATORS.

No. 351,389. Patented Oct. 26, 1886.

Fig. 1

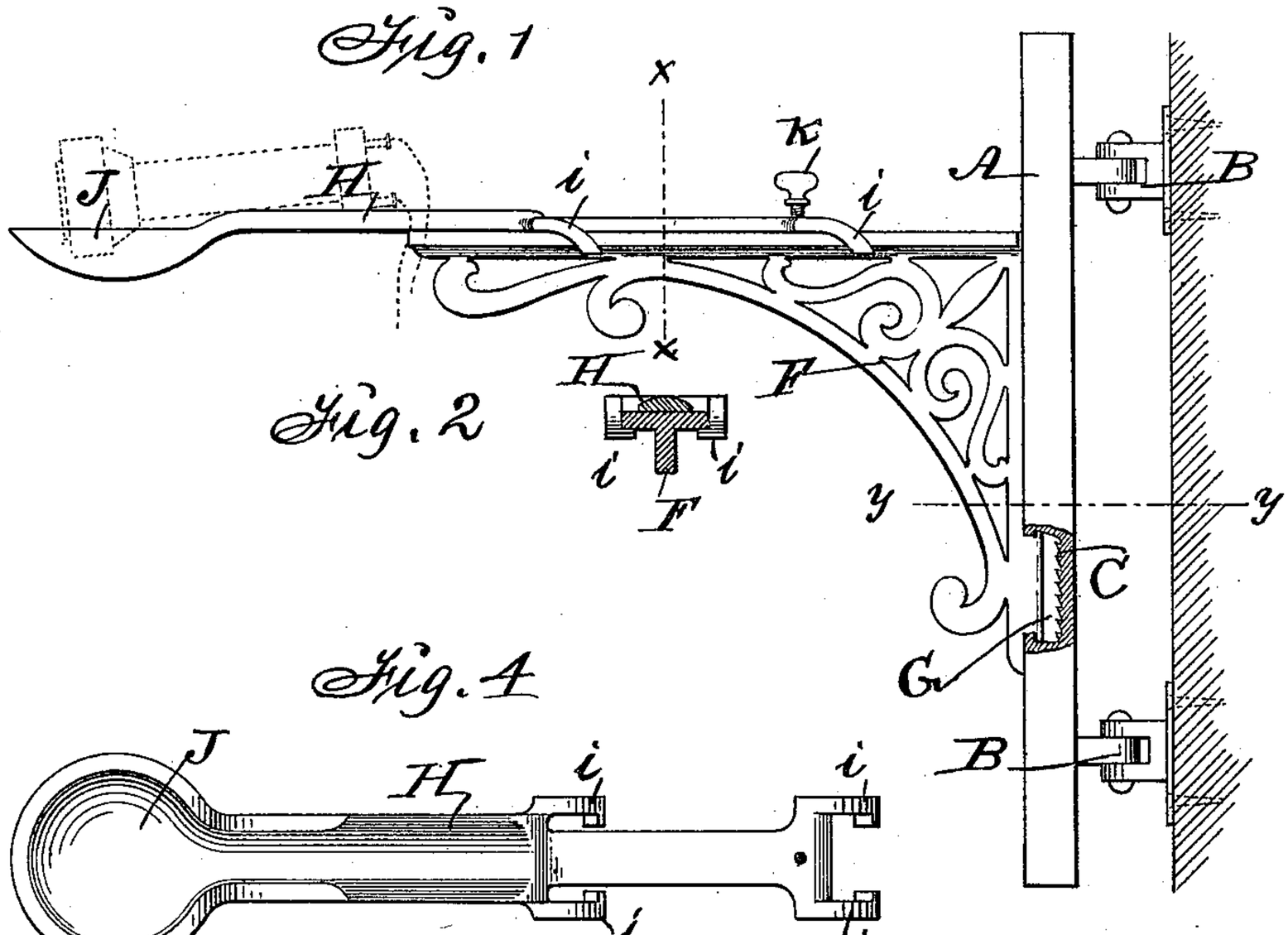


Fig. 2

Fig. 4

Fig. 3

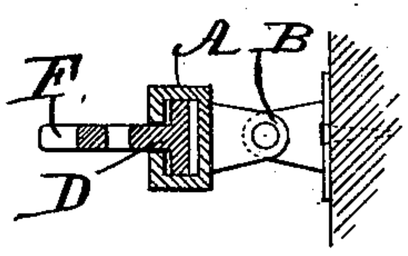
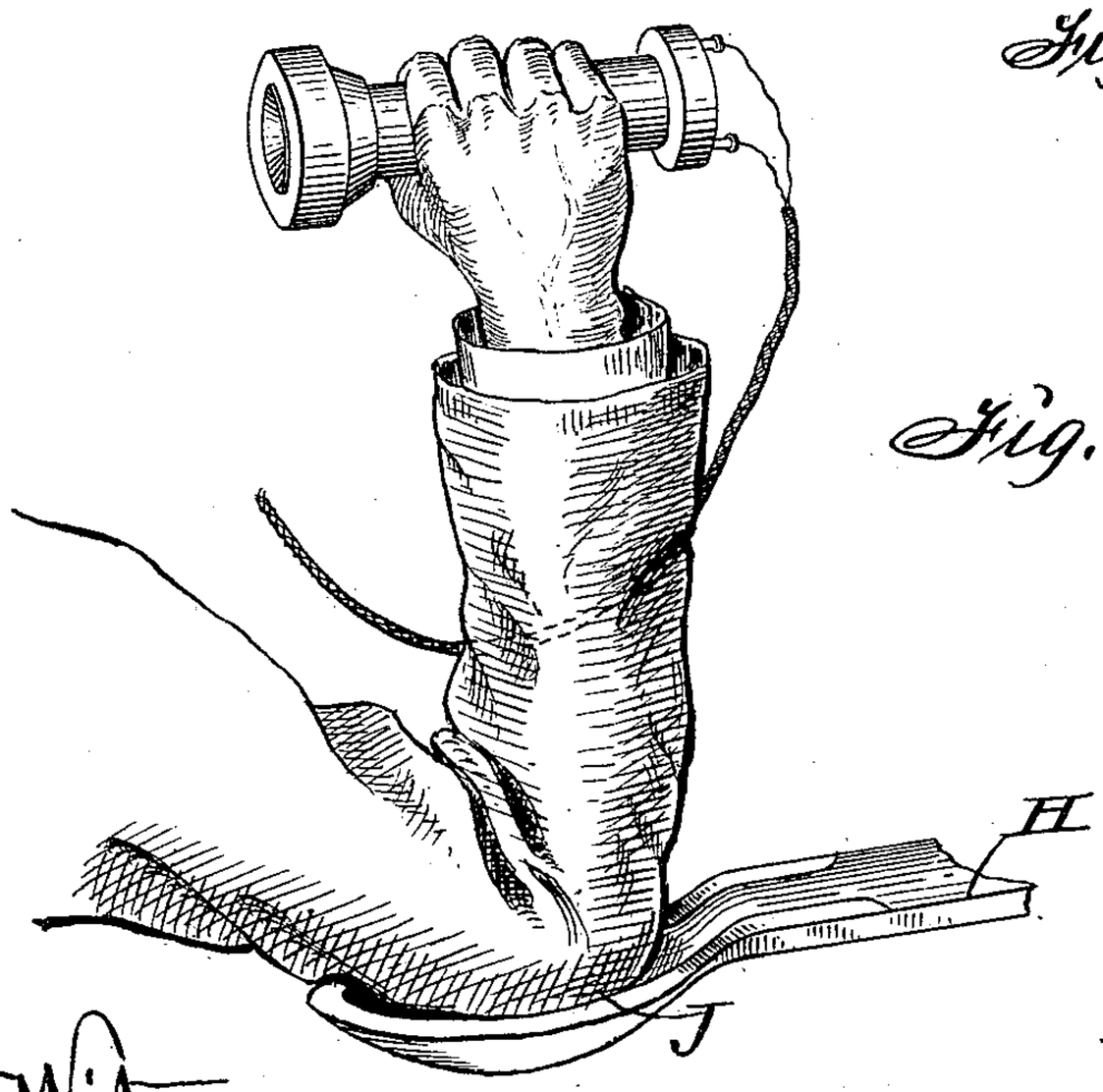


Fig. 5



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UNITED STATES PATENT OFFICE.

CHESTER K. MEAD, OF DES MOINES, IOWA.

ARM-SUPPORT FOR TELEPHONE-OPERATORS.

SPECIFICATION forming part of Letters Patent No. 351,389, dated October 26, 1886.

Application filed February 5, 1886. Serial No. 100,903. (No model.)

To all whom it may concern:

Be it known that I, CHESTER K. MEAD, a citizen of the United States of America, and a resident of Des Moines, in the county of Polk and State of Iowa, have invented an Arm-Support for Telephone-Operators, of which the following is a specification.

Heretofore an arm-rest, similar to an arm-sling, has been combined with a telephone-transmitter by hanging the sling or arm-rest to a support fixed to a stationary object at some distance above the transmitter and the head of the person operating the telephone; but a suspended and dangling arm-sling is in some respects inconvenient and objectionable; and my object is to provide an arm-support that can be readily adjusted vertically and horizontally relative to a transmitter and a person, to retain the person's arm and a receiver held by the arm stationary while the receiver is being used, and the same arm-support folded closely against the wall when not in use.

My invention consists in the construction and combination of a bracket-support having a ratchet-face, a bracket, and a rigid slide having an elbow-socket at its end, as hereinafter set forth, pointed out in my claims, and illustrated in the accompanying drawings, in which—

Figure 1 is a side view of my complete device attached to a wall, as required for practical use. Fig. 2 is a transverse section through the line *x x*, and Fig. 3 a transverse view through the line *y y* of Fig. 1. Fig. 4 is a top view of the slide and elbow-socket. Fig. 5 is a perspective view of a section of the slide and elbow-socket supporting an operator's arm and a receiver.

A is a tubular cast-metal bracket-support that may vary in size as desired, and that is provided with hinges B, adapted to be fastened against a wall or other stationary object by means of screws, as clearly shown in Fig. 1. C is a ratchet-face on the inside of its rear portion, and D a continuous slot in the center of its front portion.

F is a bracket that has T-shaped edges on flanges at its top and back, that extend at right angles to each other, and a ratchet, G, on the rear face, that is adapted to engage the ratchet C in the bracket-support A.

H is a slide that is provided with downwardly-projecting hooks *i*, that serve as open loops to engage the T-shaped top edge of the bracket F.

J is an elbow-socket formed integral with the end of the slide, and adapted in shape for the reception of a person's elbow, as clearly shown in Fig. 5. A gutter intersects the concave in the socket, so that a receiver can be laid in the top of the slide.

K is a set screw carried in the top and rear end of the slide H, for fastening the slide to the bracket.

In the practical use of my arm-support thus constructed and applied I simply slide the bracket up or down in its ratchet-faced support to adjust it to the height of a person, then move the slide horizontally to bring the elbow-socket under the person's elbow, and then turn the combined slide-bracket and hinged bracket-support horizontally at will by moving the arm and elbow relative to a transmitter fixed near the bracket, as required, to support the arm in an easy position while using the receiver at intervals during the operation of the telephone.

I claim as my invention—

1. In an arm-support for telephone-operators, an arm or slide having an elbow-socket at its free end and an elongated concave or gutter in its top surface intersecting the elbow-socket, in combination with a bracket, for the purposes stated.

2. The arm-support for telephone-operators, consisting of a hinged bracket-support having a ratchet-faced edge to engage the ratchet-face of the bracket-support, and a horizontally-adjustable slide having an elbow-socket at its end and provided with hooks or open loops to engage the flanged horizontal top edge of the bracket, to operate in the manner set forth.

3. The tubular bracket-support A, having hinges B, a ratchet-face, C, and a continuous slot, D, a bracket having a flanged or T-shaped edge and a ratchet-face, G, and a slide, H, having an elbow-socket, J, constructed, arranged, and combined substantially as shown and described, to operate in the manner set forth.

CHESTER K. MEAD.

Witnesses:
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