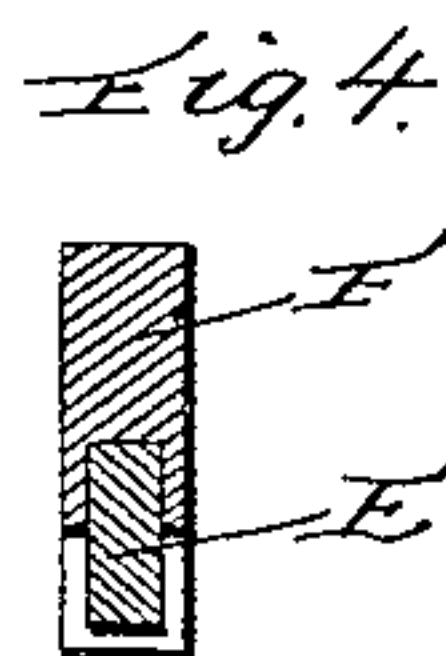
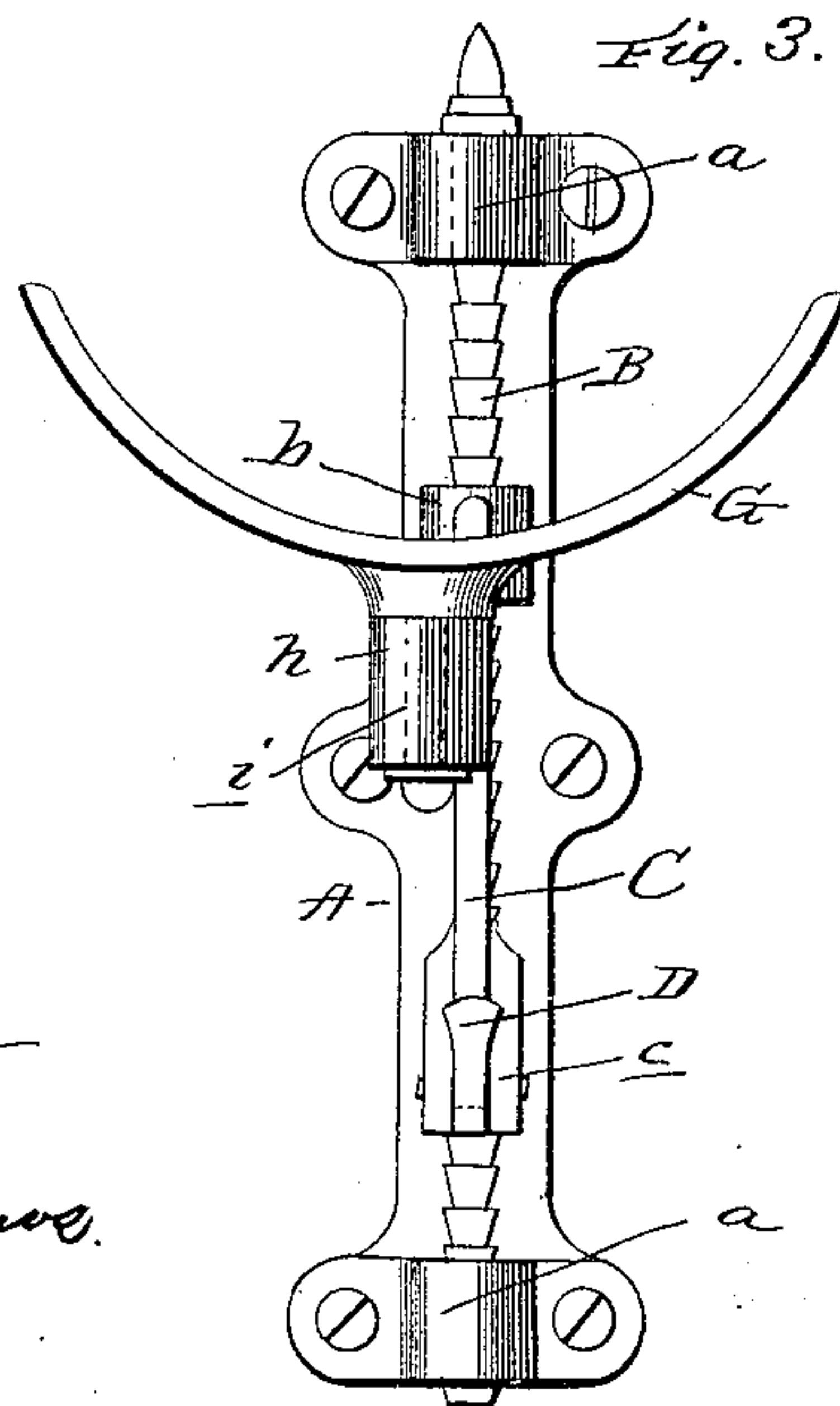
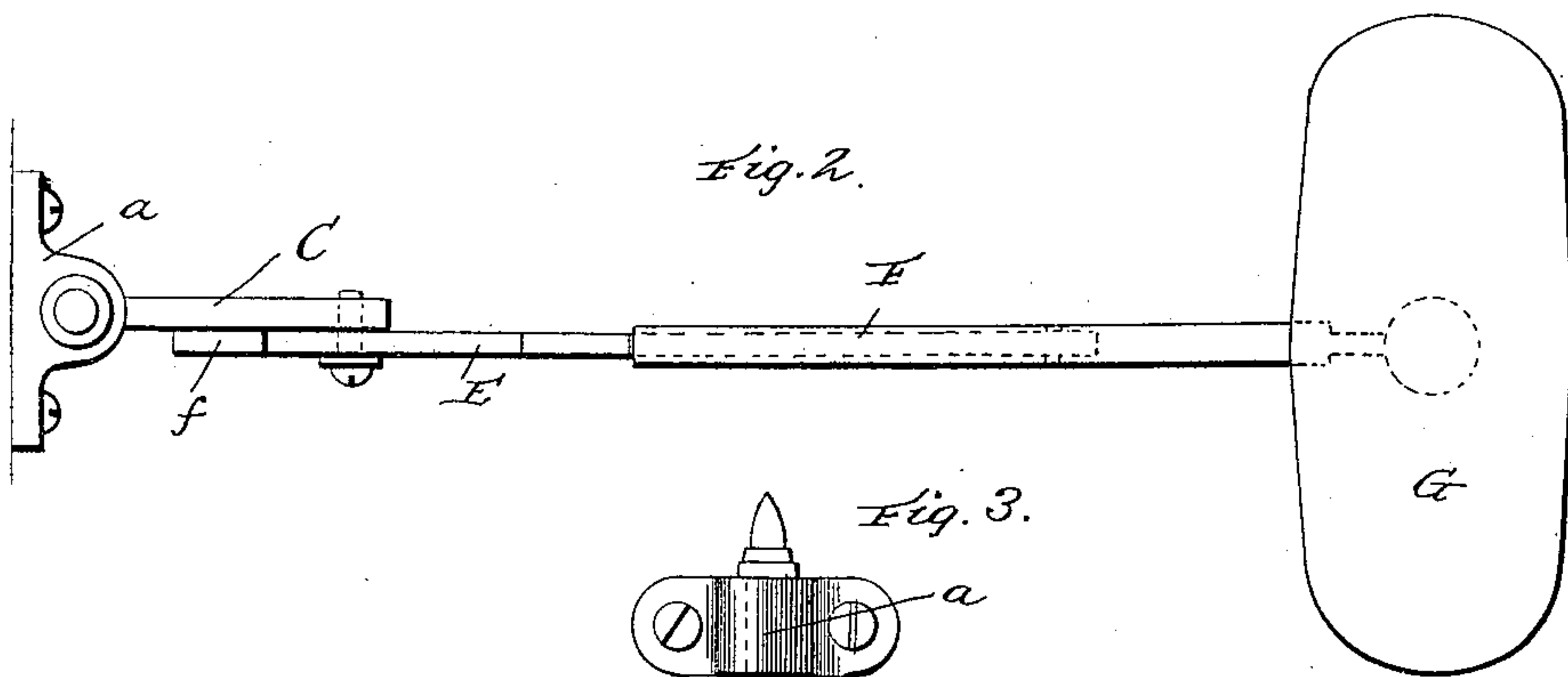
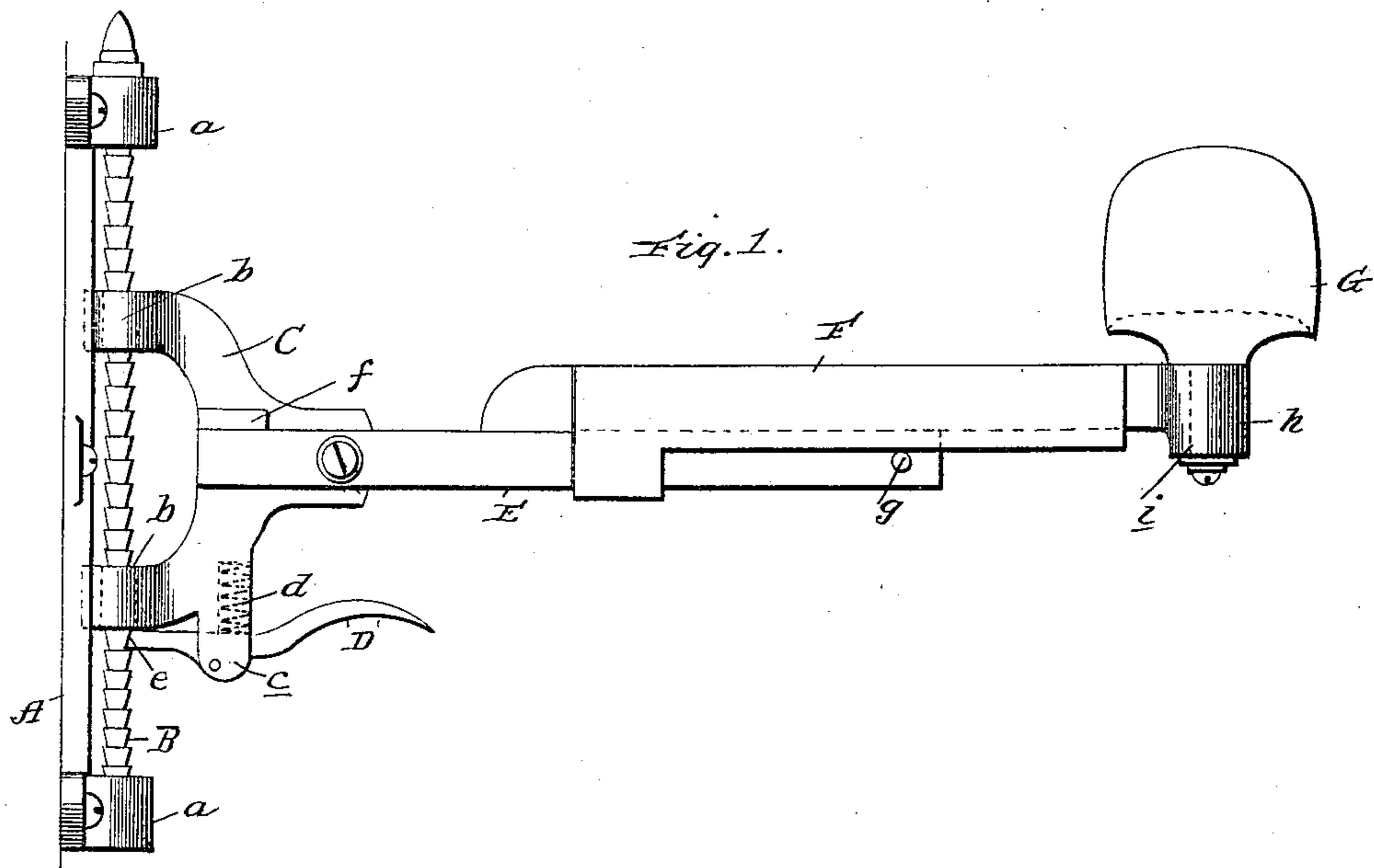


(No Model.)

J. R. BAILEY & L. C. LINCOLN.
ARM REST FOR TELEPHONES.

No. 481,293.

Patented Aug. 23, 1892.



Witnesses:
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UNITED STATES PATENT OFFICE.

JOSEPH R. BAILEY AND LEVI C. LINCOLN, OF WOONSOCKET, RHODE ISLAND, ASSIGNORS TO THE WOONSOCKET EDGE TOOL COMPANY, OF SAME PLACE.

ARM-REST FOR TELEPHONES.

SPECIFICATION forming part of Letters Patent No. 481,293, dated August 23, 1892.

Application filed January 25, 1892. Serial No. 419,149. (No model.)

To all whom it may concern:

Be it known that we, JOSEPH R. BAILEY and LEVI C. LINCOLN, citizens of the United States, residing at Woonsocket, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Arm-Rests for Telephones; and we do declare the following to be a full, clear, and exact description of the invention, such as it appertains to make and use the same.

This invention relates to an arm-rest for use at telephones; and it has for its objects to embody the features of vertical, lateral, and horizontal adjustment for the rest and to adapt the same to be thrown up out of the way when not in use, the parts being strong, durable, and not liable to get out of order.

Other objects and advantages will appear from the following description and claims when taken in connection with the annexed drawings, in which—

Figure 1 is a side elevation of our improved device, showing the same in an operative position as attached to a wall or other support. Fig. 2 is a plan view of the same. Fig. 3 is an end view, and Fig. 4 is a cross-sectional view, of the pivoted bar attached to the bracket and the extensible arm.

Referring by letter to said drawings, A indicates a plate, which is provided with screw-apertures or other means for fastening the same to a wall or support and carries at opposite ends the integral or fixed lug-eyes *a*, which are in alignment with each other and furnish a bearing for the ends of the vertically-disposed shouldered rod B. This rod, which bears in said lug-eyes and is fixed by means of a nut or the like, is tapered externally from the top of each shoulder down to the top of the next succeeding shoulder below, for a purpose which will presently appear,

C indicates a bracket. This bracket, which is preferably of bifurcated form, has its branches terminating in vertically-disposed eyes *b* to receive the shouldered rod B, so as to swing laterally and move vertically thereon. This bracket is provided with a bearing in its lower side, preferably formed by a de-

pending integral lug *c*, which is hollow and receives a coiled or other suitable spring *d*, and a ratchet-lever D is pivoted in the lower end of said lug-journal *c*, so that its inner beveled end *e* will bear upon the shoulders of the rod B and its opposite end be in a convenient position to be manipulated by the operator, the spring *d* bearing upon said lever at such a point with respect to its pivot as to keep or have a normal tendency to raise the engaging end of said lever off of the shoulders of the rod B when the bracket has been raised, the bracket as it rests serving to seat the engaging end of said lever down upon the desired shoulder of the rod.

E indicates a bar. This bar is pivoted near its inner end to the bracket C and is held in a horizontal position by means of a lug *f*, formed on said bracket in rear of the pivoted point of the bar and so arranged as to allow the bar to swing into a vertical position or against the wall, but limit its downward movement to that of horizontal.

F indicates an extensible bar. This bar is provided with an eye or loop depending from its inner end and receives the bar E, so as to slide thereon, the forward movement of said extensible bar being limited by a stop-pin *g*. This extensible bar is preferably grooved out or channeled on its under side, as better illustrated in Fig. 4, so as to be truly guided on the bar E, and is provided on its outer end with a vertically-disposed socket or eye *h*.

G indicates the socket or arm-receiving portion of the rest. This rest may be of a curvilinear or other suitable shape, and has a simple depending stem *i* to enter the eye or socket *h* in the extensible bar F, and may be secured therein so that it may revolve or rotate by means of a screw, nut, or other suitable fastening device.

From the foregoing description, taken in connection with the annexed drawings, the operation and advantages of our invention will be obvious. It will be seen that the rest will permit of any movement of the body of the operator. There is no liability of the parts slipping or breaking, as they are durably constructed and connected. The rest may be adjusted longitudinally, vertically, and lat-

erally, and when not in use may be thrown up out of the way. To raise the rest, it is simply necessary to lift the bracket on the rod B, and to lower the rest it is simply necessary to raise the outer end of the ratchet-lever E to free it from the shoulders of the rod, when the weight of the rest and bracket will allow it to drop to the desired point.

By reason of the peculiar form of the shoulders on the rod B and the inner beveled end of the ratchet-lever D it will be readily perceived that the bracket C and the parts carried thereby are free to swing laterally without in any manner interfering with the vertical adjustment of the same, which is a highly-important desideratum.

Having described our invention, what we claim, and desire to secure by Letters Patent, is—

1. In an arm-support for telephone-operators, the combination, with the shouldered rod, of a vertically-movable bracket journaled thereon and carrying a ratchet-lever adapted to engage the shoulders of the rod and a suitable rest secured to the bracket, substantially as specified.

2. In an arm-rest for telephone-operators, the combination, with a fixed rod having shoulders, each of which is of a circular form

in cross-section and is tapered externally from its top down to the top of the next succeeding shoulder below, of a bracket journaled on the said rod, a spring-pressed ratchet-lever carried by the bracket and having the inner beveled end adapted to engage the shoulders of the rod, and a suitable rest secured to the bracket, substantially as and for the purpose set forth.

3. The improved arm-rest for telephone-operators, consisting, essentially, of the plate having the vertically-disposed lug-eyes at opposite ends, the shouldered rod bearing in said eyes, the bracket journaled on said rod and having a stop, as described, the ratchet-lever journaled in the bracket and the spring bearing upon said lever, the bar pivoted to the bracket and adapted to engage the stop at one end, the extensible bar arranged to slide on said pivoted bar, and the arm-rest or socket journaled at the outer end of the extensible bar, substantially as specified.

In testimony whereof we affix our signatures in presence of two witnesses.

JOSEPH R. BAILEY.
LEVI C. LINCOLN.

Witnesses:

SAML. P. COOK,
HORACE A. COOK.