

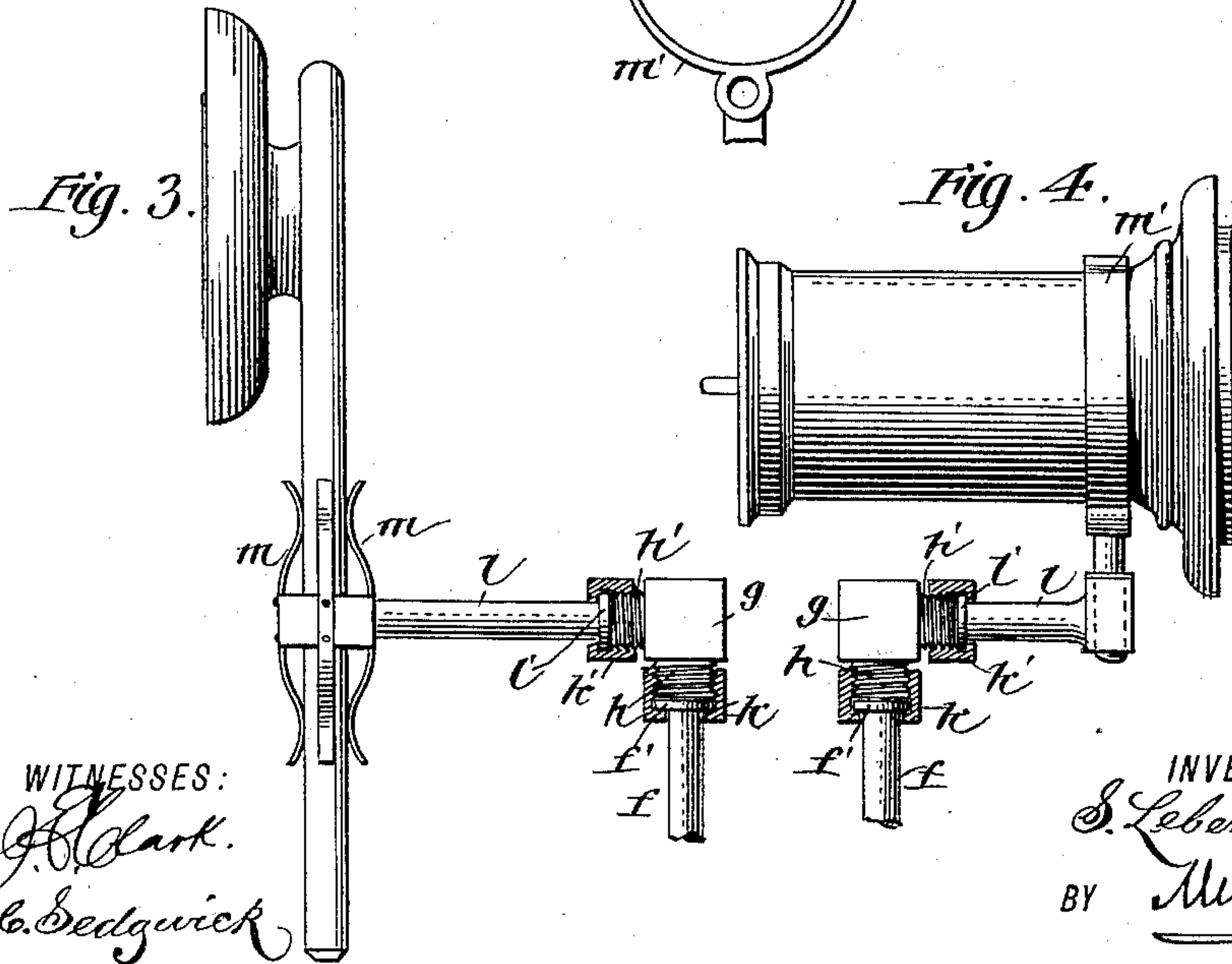
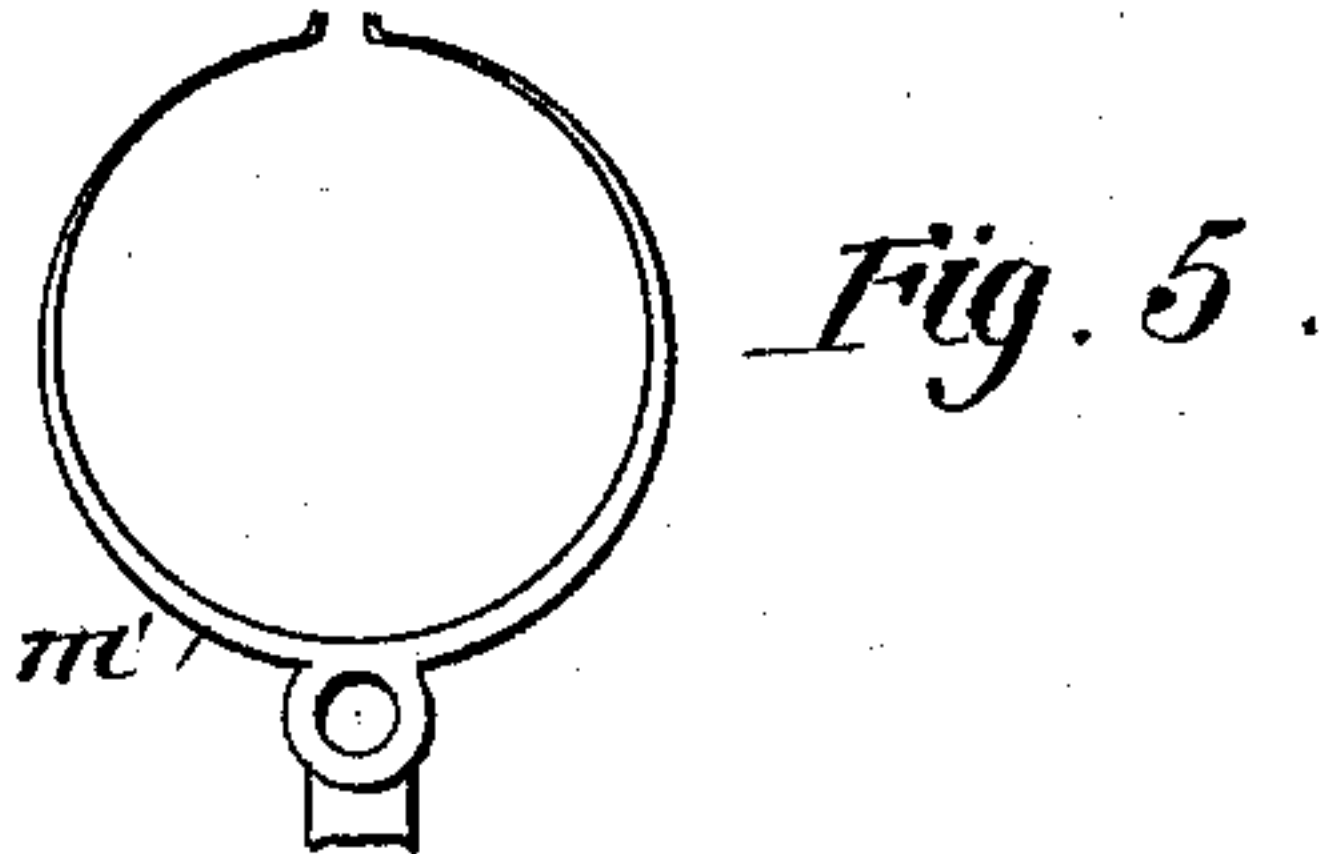
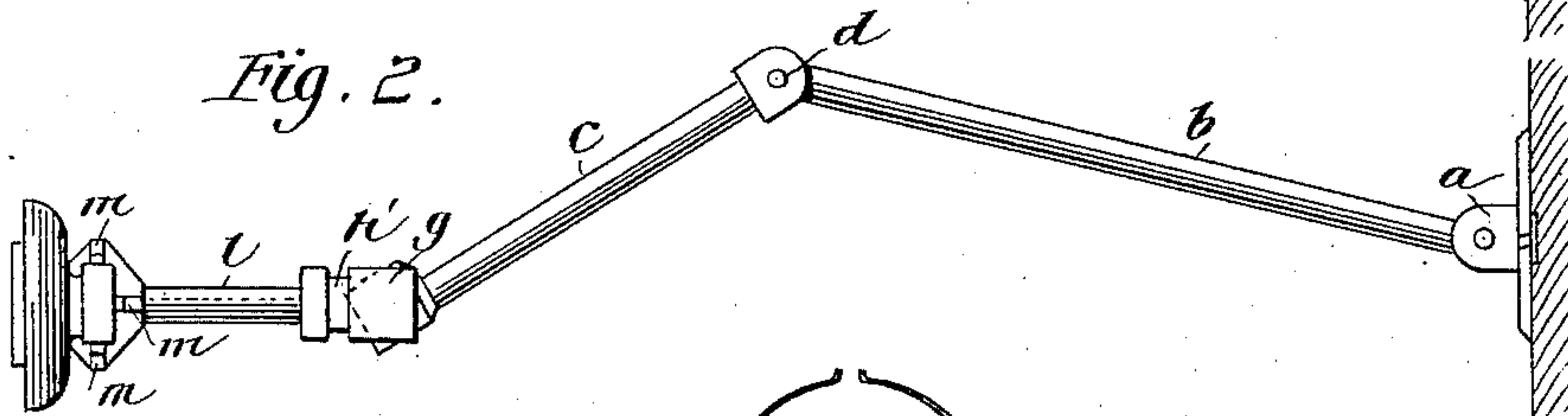
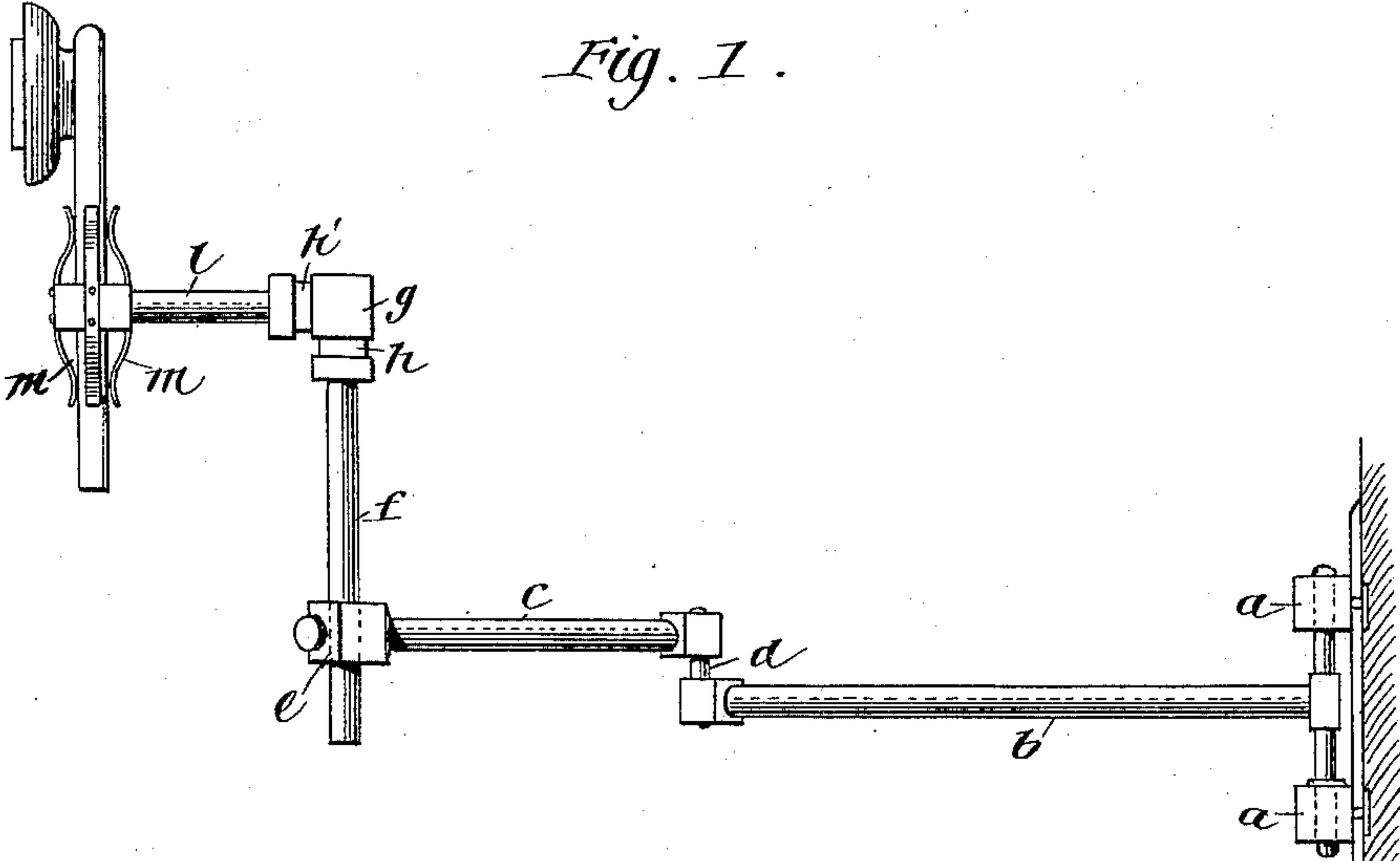
(No Model.)

S. LEBENBERG.

SUPPORT FOR TELEPHONE HEARING TRUMPETS.

No. 432,883.

Patented July 22, 1890.



WITNESSES:

J. A. Clark.
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INVENTOR:

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UNITED STATES PATENT OFFICE.

SIMON LEBENBERG, OF BERLIN, GERMANY.

SUPPORT FOR TELEPHONE HEARING-TRUMPETS.

SPECIFICATION forming part of Letters Patent No. 432,883, dated July 22, 1890.

Application filed March 31, 1890. Serial No. 346,113. (No model.)

To all whom it may concern:

Be it known that I, SIMON LEBENBERG, of Berlin, in the Kingdom of Prussia and Empire of Germany, have invented a new and useful
5 Improvement in Holders for Telephone-Receivers, of which the following is a clear, full, and exact specification.

This invention relates to a support or holder for telephone-receivers; and its object is to
10 provide a device which will enable the receiver to be used without being upheld by hand, and to be readily adjusted vertically or horizontally to any desired position in relation to the ear of the user, whereby the user may
15 be enabled to make written memoranda of the messages received.

The invention consists in the construction, arrangement, and combination of parts of the receiver-support, all as hereinafter described
20 and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, wherein similar letters of reference designate corresponding parts in the several views.

Figure 1 is a side elevation of the device. Fig. 2 is a plan view of the same. Figs. 3 and 4 are partial side elevations of the same, partly
25 in section, showing two different forms of springs employed to clamp two different forms of receivers; and Fig. 5 is a front elevation of the spring shown in Fig. 4.
30

Upon the wall of the room or building or upon the casing of the telephone are secured bearings *a*, which carry an arm *b* in such a
35 manner as to allow of the lateral movement thereof about the bearings as a center. Said arm *b* carries a second arm *c*, which is so connected thereto at *d* as to be also capable of lateral movement about the pivot *d* as a center. Said arm *c* has formed at its outer end
40 an eye *e*, in which is supported an upright *f*, adapted to be raised and lowered therein and adjusted at any height desired by means of a set-screw or by any other proper device.

At the upper end of the upright *f* is formed a collar *f'*, to which is connected a coupling
45 *g* by means of a screw-cap *k*, fitting upon a depending threaded extension *h* of said coupling and bearing against the collar on said

upright, and to said coupling is also connected 50 a horizontal arm *l* by means of a screw-cap *k'*, like the one *k*, fitting upon a horizontal threaded extension *h'* of said coupling and bearing against a collar *l'* on the inner end of said arm. 55

The arm *l* is provided at its outer end with springs for clamping the receiver. As shown in Figs. 1, 2, and 3, the arm *l* has secured thereto vertical bow-springs *m*, which clamp a vertical stem which carries at its upper end 60 one form of receiver, and allow of its vertical adjustment as desired, while in Fig. 4 said arm is shown as having an eye at its outer end, in which is fitted the stem of a pair of vertical semicircular springs *m'*, which em- 65 brace the body of a cylindrical receiver near its mouth.

The arms *b c* constitute a jointed bracket, and allow of the receiver being brought nearer to or farther from the ear of the listener, or 70 of its being adjusted upon a writing-desk to which bearings like those shown in Figs. 1 and 2 may be attached. The upright *f* allows of the vertical adjustment of the receiver, while the connection of the arm *l* and said 75 upright with the coupling *g* allows of the receiver being rotated in a vertical plane or swung in a horizontal plane, the connection thus being in effect a universal joint.

By the construction and arrangement de- 80 scribed the receiver may be brought as close to the ear of the listener as desired, so that both of the latter's hands may be free to make memoranda of the messages as received.

Having thus fully described my invention, 85 what I claim, and desire to secure by Letters Patent, is—

1. A holder for telephone-receivers, consisting of a horizontal jointed bracket mounted in vertical bearings on a fixed support, an 90 upright movable vertically in the outer member of the bracket, and a horizontal arm provided at its outer end with vertical spring-clamps and connected by a universal joint to said upright, substantially as shown and de- 95 scribed.

2. In a holder for telephone-receivers, the combination, with a horizontal jointed bracket

mounted in vertical bearings on a fixed support, of an upright movable vertically in the outer member of said bracket, a horizontal arm carrying vertical spring-clamps at its
5 outer end, and a coupling-joint having oppositely-extending threaded extensions connecting said horizontal arm and the upright, substantially as shown and described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

SIMON LEBENBERG.

Witnesses:

W. BINDEWALD,
CARL GRAF.