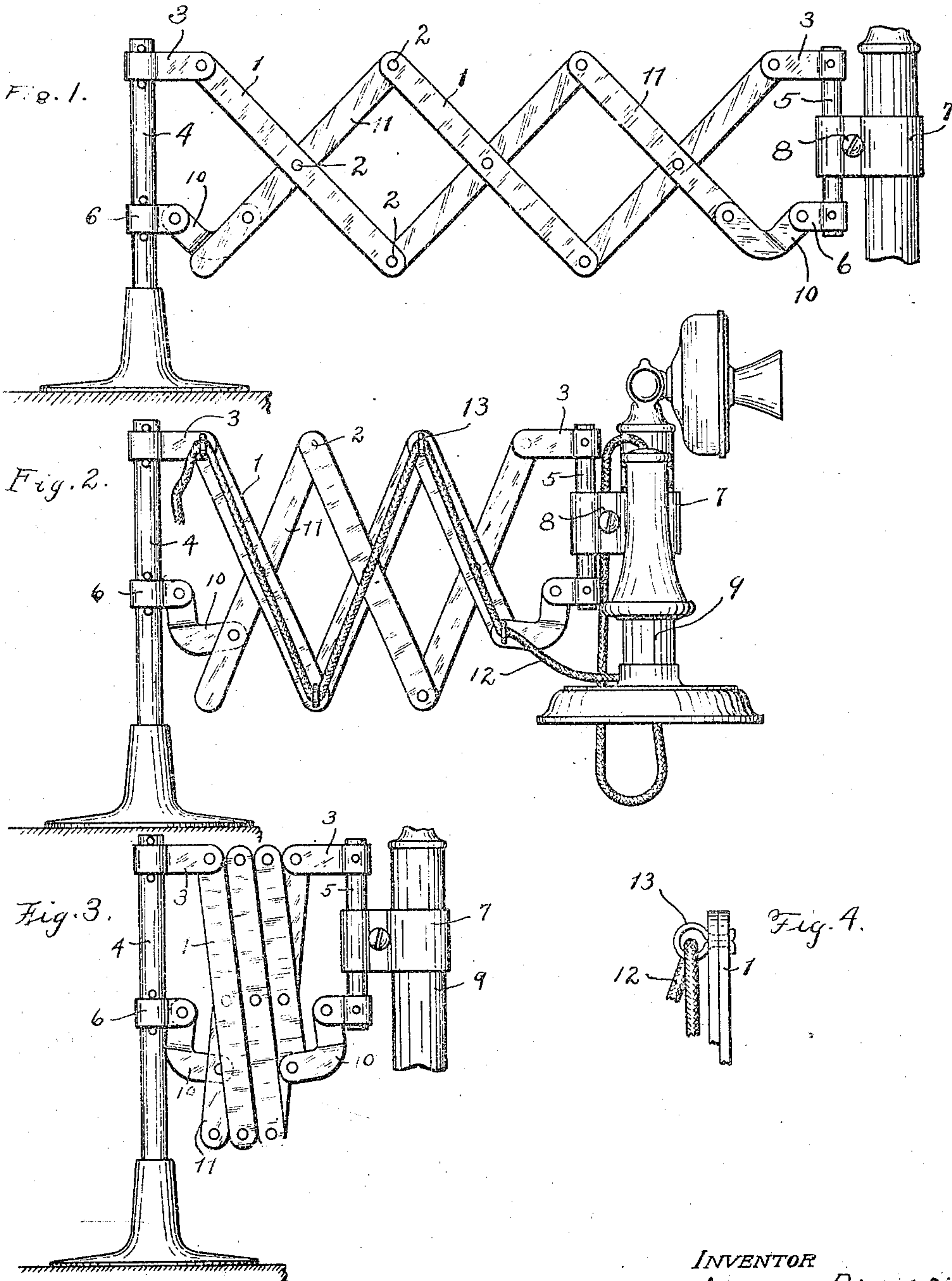


A. DAHLEN.  
EXTENSIBLE BRACKET.  
APPLICATION FILED MAY 23, 1908.

997,650.

Patented July 11, 1911.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

ANDREW DAHLEN, OF CHICAGO, ILLINOIS.

## EXTENSIBLE BRACKET.

997,650.

Specification of Letters Patent.

Patented July 11, 1911.

Application filed May 23, 1908. Serial No. 434,482.

*To all whom it may concern:*

Be it known that I, ANDREW DAHLEN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Extensible Brackets, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawing, forming a part of this specification.

My invention relates to extensible brackets, such for instance as are used in the support of a desk telephone, mirror, or other device, and has for its object the provision of an improved bracket of this kind, in which the wear when it is being extended and contracted is localized in such manner that its life is prolonged and the effect of wear and tear is diminished so that the bracket may present a good appearance even when constantly used.

It is further desired to provide means to remove all sliding surfaces, except at such points where links of the bracket are riveted together. And further to provide means whereby cords may be mounted along the bracket and held so that they are not subject to wear.

Further objects and advantages of my improved invention will be apparent from the detailed description thereof of the preferred embodiment as will be set forth in connection with the accompanying drawing, showing the bracket as for use with a desk telephone, in which—

Figure 1 shows the bracket in an extended position. Fig. 2 shows the bracket partially retracted, and holding a complete desk telephone, the preferred method of mounting the cords being also shown. Fig. 3 shows the bracket completely collapsed, and Fig. 4 is a detail of the cord mounting device.

Like characters of reference indicate like parts throughout the different figures.

The extensible bracket as shown consists of links 1 and 11 held together at their ends and also at their middle points by cylindrical rivets 2—2, so that the links may rotate about the rivets. The bracket can thus assume the extended position shown in Fig. 1 or the collapsed position shown in Fig. 3.

Clamps 3—3 and 6—6 secure the end links to post 4 and to the connecting-rod 5. Clamped to the connecting-rod 5 is a holder 7, provided with a clamping screw 8, said holder being adapted to receive a desk tele-

phone 9. In order to avoid sliding bearings on post 4 and rod 5, I employ two bell-crank levers 10—10, which are pivoted at one end to clamps 6—6 and at the other end to links 11, 11, intermediate the ends and central points of the latter.

By virtue of this improved construction no sliding bearing is needed for the lower extremities of the links 11—11, as the bell crank levers 10—10 guide them around the mounting points of said bell crank levers, so that the bracket can assume its collapsed position, as shown in Fig. 3, and all of the bearing surfaces consist of the circular rivets. With this improved lattice work construction it is possible to so guide the cord 12, which comes from the desk telephone line, that it will follow along the line of the various links; and the same length of cord is required practically both when the bracket is in its extended position, as shown in Fig. 1, and when it is in its collapsed position, as shown in Fig. 3. No wear or tension therefore, need be exerted on the cord. I provide little eyelets, 13—13, which can easily be inserted or removed from the cylindrical rivets 2—2, and which eyelets hold the cord. I have used the word "lazy tongs" in the claims to signify the links lying between any two rivets 2, 2 mounted at the central portions of said links.

I have herein shown and particularly described the preferred embodiment of my invention, and

What I claim as new and desire to secure by Letters Patent is:

1. An extensible bracket comprising lazy-tongs and a support, and a swinging link supporting and connecting one end of said lazy-tongs to said support and allowing extension and contraction of same.

2. An extensible bracket comprising lazy-tongs, a support with which one end of said lazy-tongs has a pivotal and a swinging link connection, and a holder with which the other end of the lazy-tongs has a pivotal and swinging link connection.

3. An extensible bracket comprising lazy-tongs, and a holder, said lazy-tongs having a swinging link connection with said holder for supporting the latter and for permitting expansion and contraction of the lazy-tongs.

4. A device of the class specified comprising a supporting rod, lazy tongs supported on said rod, one member of the lazy tongs having a pivotal connection with a bracket

on said rod, and another member of said lazy-tongs having a swinging link pivotally connected with said member and with another bracket on said rod, said link connection being adapted to permit expansion and contraction of the lazy-tongs, and a bar at the other end of the lazy tongs, said bar being provided with brackets, one of which is pivotally connected with one member of the lazy tongs, and the other of which is pivotally connected with a swinging link, the lat-

ter being pivotally connected with another member of the lazy tongs, said link being adapted to permit expansion and contraction of said tongs.

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In witness whereof, I hereunto subscribe my name this 15th day of May, 1908.

ANDREW DAHLEN.

Witnesses:

RICHARD LEMANN,  
CHRIS H. BECKER.