

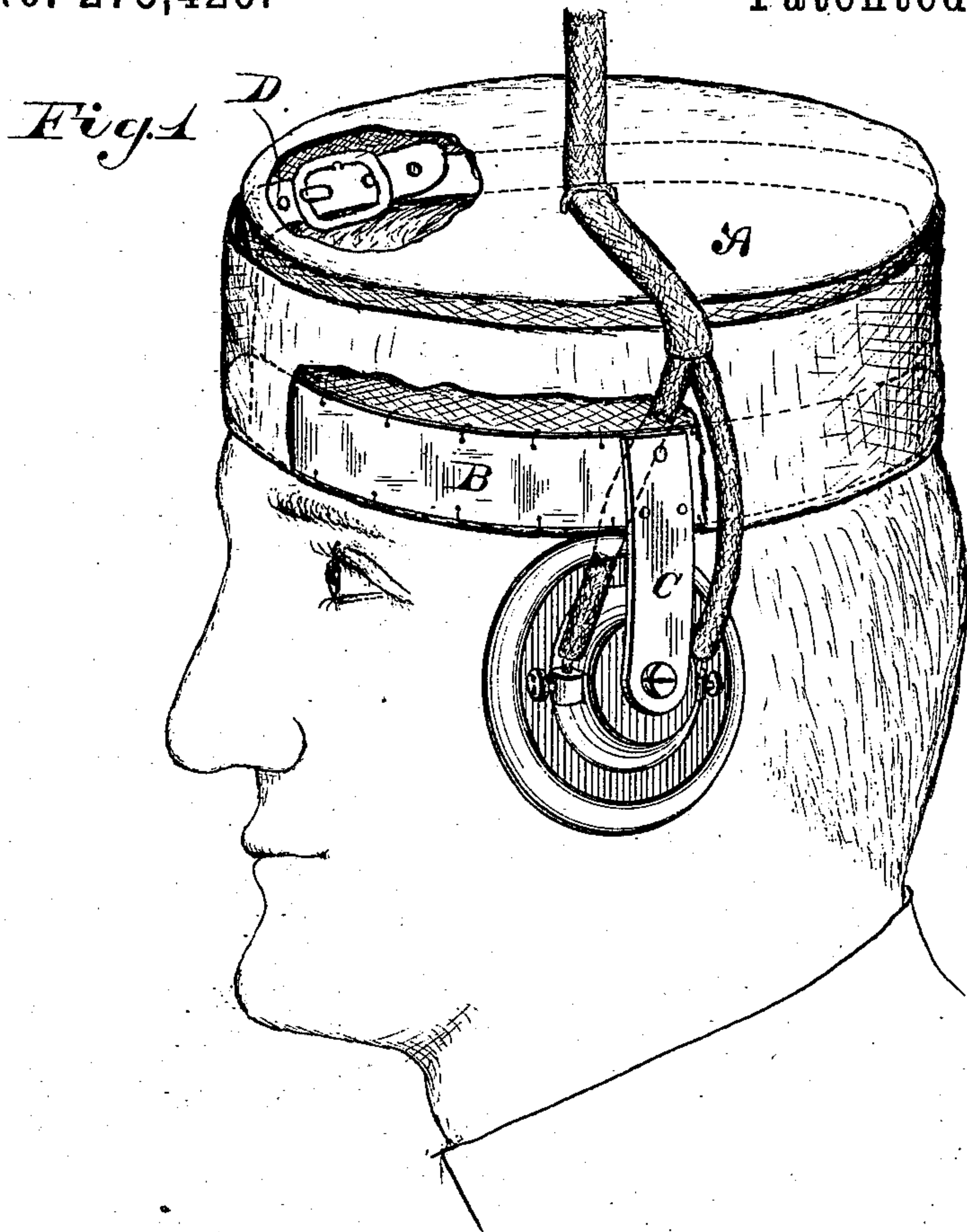
(No Model.)

C. E. SCRIBNER.

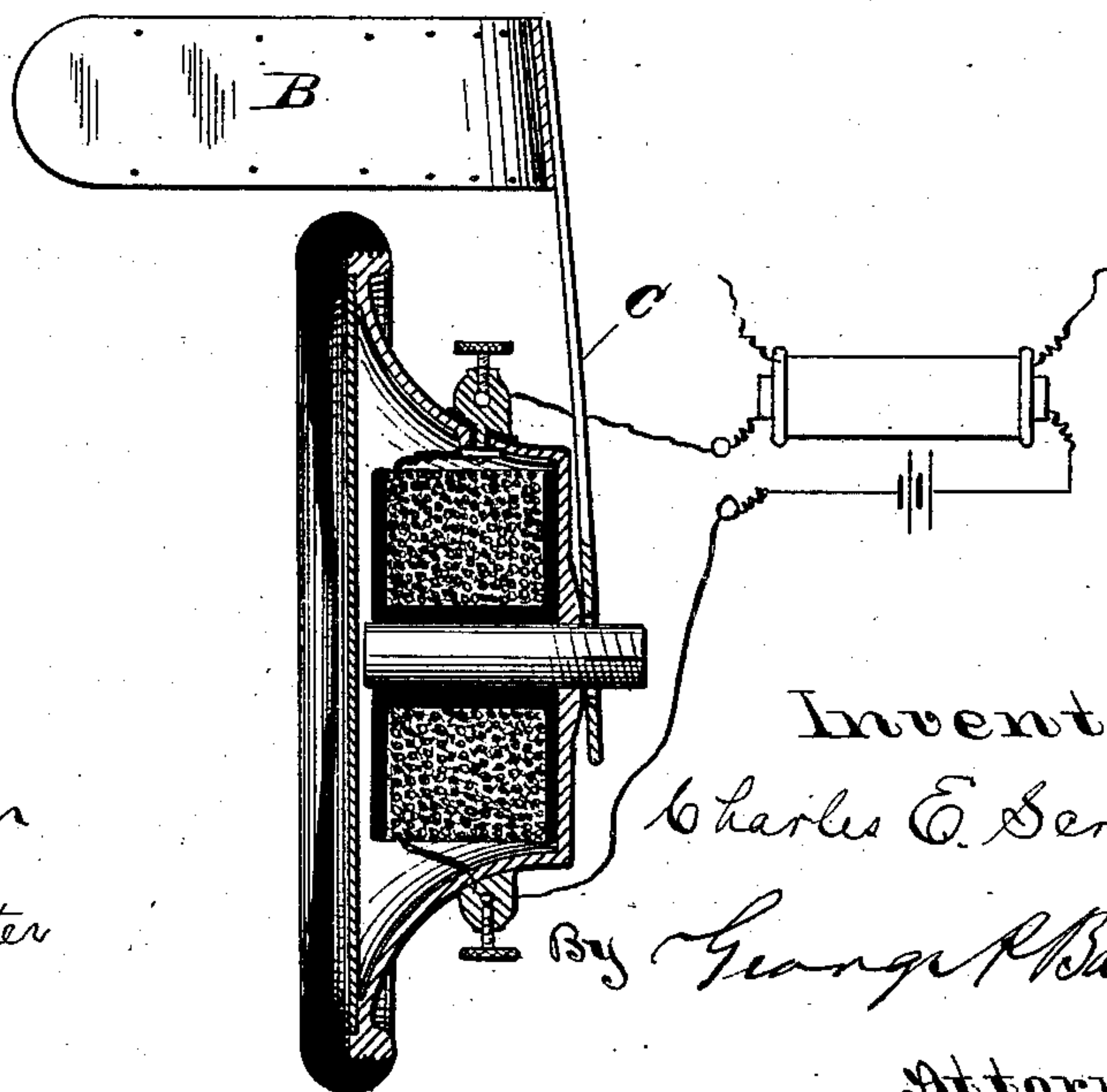
HEAD GEAR FOR SWITCHMAN'S TELEPHONES.

No. 275,420.

Patented Apr. 10, 1883.



*Fig. 2*



Attest  
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# UNITED STATES PATENT OFFICE.

CHARLES E. SCRIBNER, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE WESTERN  
ELECTRIC COMPANY, OF SAME PLACE.

## HEAD-GEAR FOR SWITCHMEN'S TELEPHONES.

SPECIFICATION forming part of Letters Patent No. 275,420, dated April 10, 1883.

Application filed February 13, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES E. SCRIBNER, 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 Head-Gear for Switchmen's Telephones, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

The object of my invention is to provide a light and comfortable cap adapted to support a switchman's telephone, and to maintain sufficient pressure of the telephone against the ear to exclude outside sound-waves.

Heretofore switchmen have been provided with telephones supported upon the head, the pressure of the telephone against the ear being maintained by elastic bands or springs surrounding the head. These devices press on both sides of the head, and thus produce headache, and are therefore impracticable.

My invention is shown in the drawings; and it consists in head-gear carrying the switchman's telephone, as herein described.

The light cap A, Figure 1, is provided with a stiffener, B, to which is attached spring C. The cap is preferably adjustable in size. The stiffening-spring extends from the center of the forehead, partially but preferably half-way around the head, and is inclosed within the band of the cap. The stiffening-spring B and carrying-spring C may be made of any suitable elastic material. By bending the stiffener B to conform to the head, and bringing the carrying-spring directly over the ear, the telephone will be carried with ease, and any desired pressure obtained against the ear without corresponding pressure around or upon the opposite side of the head. The adjustable strap D extends over the top of the head, as shown, and is adapted to hold the ends of the stiffener from being drawn down by the resist-

ing-pressure of the telephone against the spring C. The cap-stiffener and spring being thus properly adjusted, it is evident that the weight and pressure of the telephone will be evenly distributed over the head. The stiffener B and the supporting-spring C are made preferably of phosphor-bronze. German silver or other elastic material may be used. The pressure of the telephone against the ear may be adjusted by bending the spring C, and also by varying the length of the strap D. The supporting-spring C is provided with an opening or socket adapted to receive the projecting end of the soft-iron core of the electro-magnet of the telephone. The portion of the case which comes against the spring is somewhat spherical, as shown in Fig. 2, and thus the telephone may be turned in any direction and held firmly against the ear.

I claim—

1. The combination, with a cap, of the stiffener and supporting-spring adapted to hold the telephone against the ear, whereby the pressure and weight of the telephone are distributed, as and for the purpose specified.

2. The combination, with the cap provided with an adjustable strap, of a supporting-spring and means for attaching said spring to the cap, and a telephone supported by said spring and adapted to be held firmly against the ear, substantially as and for the purpose set forth.

3. The combination of the adjustable stiffener, supporting-spring, and strap with the telephone, whereby the telephone may be supported and adjusted, substantially as and for the purpose specified.

In witness whereof I hereunto subscribe my name this 30th day of January, A. D. 1883.

CHARLES E. SCRIBNER.

Witnesses:

WM. HOFFMASTER,  
P. A. STALEY.