

C. T. DICKSON.
Telephone.

No. 235,856.

Patented Dec. 28, 1880.

FIG. 1.

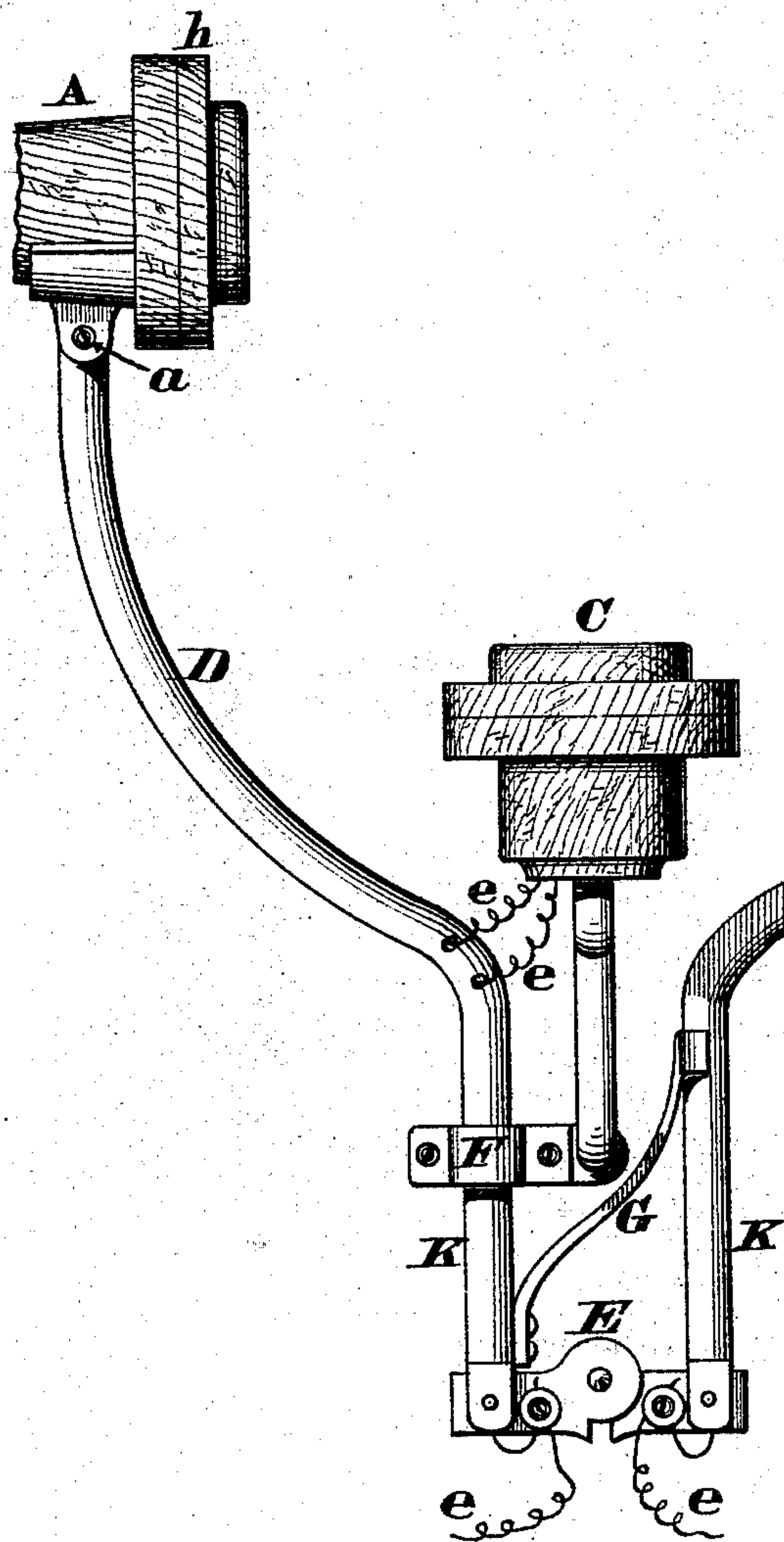


FIG. 2.

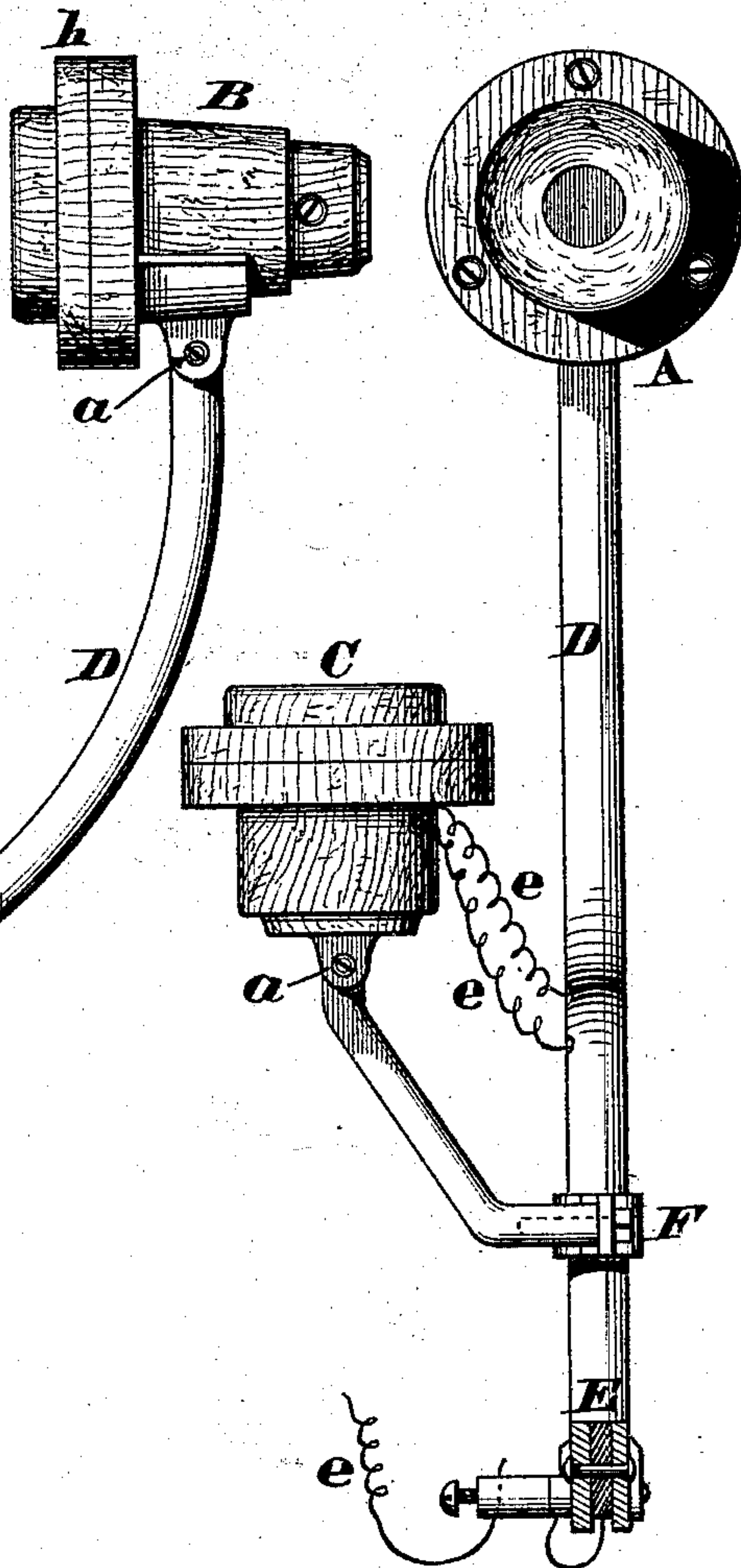
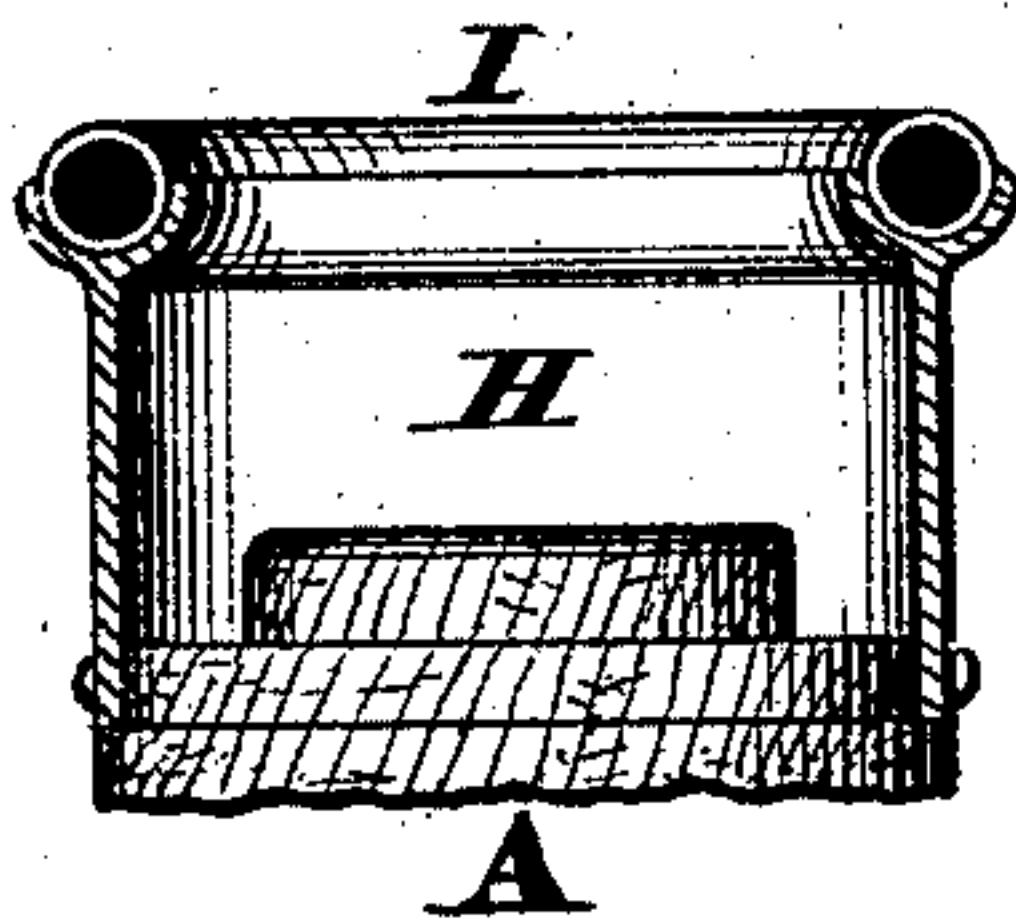


FIG. 3.



Attest.
Archibald Stein
Geo. Mayer

Inventor.

Chas. T. Dickson

UNITED STATES PATENT OFFICE.

CHARLES T. DICKSON, OF CINCINNATI, OHIO.

TELEPHONE.

SPECIFICATION forming part of Letters Patent No. 235,856, dated December 28, 1880.

Application filed January 13, 1879.

To all whom it may concern:

Be it known that I, CHARLES T. DICKSON, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new Improvement in Telephones; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

Figure 1 is a front elevation of the preferred form of my improvement in telephones. Fig. 2 is a vertical section taken in the plane of its pivot. Fig. 3 is a section of a modified form of the receiving-chamber.

Similar letters of reference indicate corresponding parts in the several figures.

The invention relates to an improved means of receiving and sending messages by telephonic instruments.

The nature of my invention consists in arranging three telephones connected with the same main wire or circuit upon jointed or flexible arms, two of these telephones so adjusted on the arms as to fit upon or over the ears of the operator, and the third so attached to the arms between the other two as to be adjusted to the mouth of the operator, thus enabling him to receive and send messages by the telephone without removing the instrument from his ear, and greatly facilitating communication by telephonic mediums.

To enable others skilled in the art to understand my invention, I will describe the best mode of carrying it into effect.

In the accompanying drawings, A B represent the two telephones adjusted to fit the ears, and D D the jointed arms which support them and carry the wires from the main circuit to the helical coils in the telephones, and may be made of any suitable substance or form.

C represents the telephone adjusted to fit the mouth, which the operator uses in speaking.

E represents the joint where the two arms are fastened together, and G a spring tending to press them apart.

e e represent the wires, which are carried through arms D D, and connect the main wire or circuit with the helical coils in all the telephones.

F represents the adjustable clip, by which

the telephone C may be adjusted to suit the convenience of the operator.

a a are clamping-screws, by which the angle of the telephones A B may be regulated as convenience suggests.

The arms D D may be fastened together by omitting the joint E and the spring G and using a curved spring each of whose ends is attached to one arm.

H represents a modified form of the ear-pieces attached to the telephones A B, and consists of a chamber extending above the diaphragm of the telephone far enough to cover and inclose the entire ear, and provided with gaskets I, made of soft rubber or any suitable substance, which, when these chambers are pressed against the sides of the face over the ears, cause them to fit tightly and exclude all extraneous sounds and concentrate those that are transmitted through the telephones.

Operation: When in use the telephones A B are placed to the ears, and are held as close as desirable by pressure upon the lower ends of the arms, as at K K, causing the spring G to relax, the telephones A B being conveniently adjusted and the telephone C arranged to fit close enough to enable the operator to speak into it easily. All messages received over the wire are easily and distinctly heard and the annoyance and distraction caused by extraneous sounds avoided, and the operator may speak into the telephone C without removing the others from his ears, and is instantly enabled to know by the telephones A B if the correspondent should begin to speak.

I do not claim as my invention any feature of the telephone proper.

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

The combination of three telephones, two of which are arranged on the arms D D to fit over or upon the ears, the third attached to the same arms so as to be adjustable to the mouth of the operator, as and for the purpose specified.

CHAS. T. DICKSON.

Witnesses:

W. T. JUDKINS,
ARTHUR STERN.