N° 18,780



A.D. 1895

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PROVISIONAL SPECIFICATION.

Improvements in Apparatus for Enabling the Deaf to Hear.

I, BERTRAM THORNTON, of 14 Cecil Square, Margate in the County of Kent, do hereby declare the nature of this invention to be as follows:—

The apparatus forming the subject of this invention consists of a telephonic transmitter and receiver with the usual battery.

Both the transmitter and receiver are provided with handles so that they may be

readily held to the mouth and ear respectively.

Pivotted to the end of the handle of the transmitter are four or other number of arms which can either lie out of the way in slots in the handle or be turned out at right angles to the handle so as to form a foot on which it stands. The arms are 10 held in either position by a collar sliding on the handle.

On the handle of the receiver is a spring contact maker adapted to be grasped by the hand so that the circuit through the battery is broken immediately the instrument is laid down. The receiver is connected to its handle by a bayonet or other suitable joint so that it can be readily detached and it is provided with a socket or fastening to receive a spring clip or band by which it can be fixed to the head.

This band is provided with a lug fitting into the same socket on the receiver as the handle and it also is provided with an automatic spring switch which closes the circuit when the instrument is placed on the head.

Dated this 5th day of October 1895.

B. THORNTON.

COMPLETE SPECIFICATION.

Improvements in Apparatus for Enabling the Deaf to Hear.

I, BERTRAM THORNTON, late of 14 Cecil Square, now of Berkeley Lodge, 25 Trinity Square, Margate, in the County of Kent, do hereby declare the nature of this invention and in what manner the same is to be performed to be particularly described and ascertained in and by the following statement:—

The apparatus forming the subject of this invention is shown in the annexed drawing and consists of a telephonic transmitter a and receiver b with the usual 30 battery.

Both the transmitter and receiver are provided with handles a^1 and b^1 respectively

so that they may be readily held to the mouth and ear.

Pivotted to the end of the handle of the transmitter are four or other number of arms c which can either lie out of the way in slots in the handle or be turned out as shown at right angles to the handle so as to form a foot on which it stands. The arms are held in position by a collar c¹ sliding on the handle.

On the handle b^1 of the receiver b is a spring contact maker consisting of a spring d connected to one pole of the battery and a contact e connected to the other, the arrangement being such that when grasped by the hand the circuit through the battery is closed whilst it is broken immediately the instrument is laid down. The receiver b is connected to its handle by a bayonet or other suitable

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Thornton's Improvements in Apparatus for Enabling the Deaf to Hear.

joint f so that it can be readily detached and it is provided with a socket or fastening to receive a spring clip or band by which it can be fixed to the head.

This band is provided with a lug fitting into the same socket on the receiver as the handle and it also is provided with an automatic spring switch which closes the circuit when the instrument is placed on the head.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed I declare that what I claim is:—

1. The combination, with the battery and the portable transmitter and receiver, of a contact maker, which closes the circuit when the apparatus is in use, substantially 10 as described.

2. Apparatus for enabling the deaf to hear, substantially as described and shown in the drawings.

Dated this 4th day of July 1896.

BERTRAM THORNTON.

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