

ABSTRACT OF THE DISCLOSURE**TELEPHONE HAND-FREE APPARATUS**

A telephone hand-free apparatus comprises a housing; a telephone receiving case installed in the housing, the telephone receiving case being so sized and constructed as to receive
5 therein a portable telephone; a board on which a control circuit is arranged, the board being installed in the housing; an external microphone operatively connected to the control circuit and exposed to the outside of the housing; an external speaker
operatively connected to the control circuit and installed in the
10 housing; a connection cable extending from the control circuit, so that when the connection cable is connected to a socket of the portable telephone, the external microphone and the external speaker become operative in place of a microphone and a
speaker of the portable telephone; and an electric power source
15 which energizes the control circuit. The control circuit includes a muting section which makes the external microphone inoperative while the control circuit is receiving a voice signal from the portable telephone through the connection cable.

(Figure 1)