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(54) Title: TELEPHONE WITH A RECEIVER AROUSING BONE-CONDUCTION AND AIR-CONDUCTION HEARING		
(57) Abstract		
<p>A telephone with a receiver arousing bone-conduction and air-conduction hearing converts an input electric voice signal into vibration and acoustic signals. Since a conventional telephone has a receiver for only air-conduction hearing, a hearing impaired person cannot use the conventional telephone. In case of a bone-conduction telephone using a bone-conduction vibrator as a receiver, this vibrator is only used for bone-conduction hearing, so that an additional telephone is needed when the ordinary person and the hearing impaired person live in the same place. The telephone with a receiver arousing bone-conduction and air-conduction hearing uses a vibrator of smoothly arousing bone-conduction and air-conduction hearing as a receiver, is capable of hearing a vibration signal through bone-conduction hearing as well as an acoustic signal through air-conduction hearing, makes a hearing-impaired person with conductive hearing loss and an old person who has difficulty in air-conduction hearing use bone-conduction hearing, and makes an ordinary person having a normal sense of hearing use either bone-conduction hearing in a noise environment or air-conduction hearing in a normal environment.</p>		