

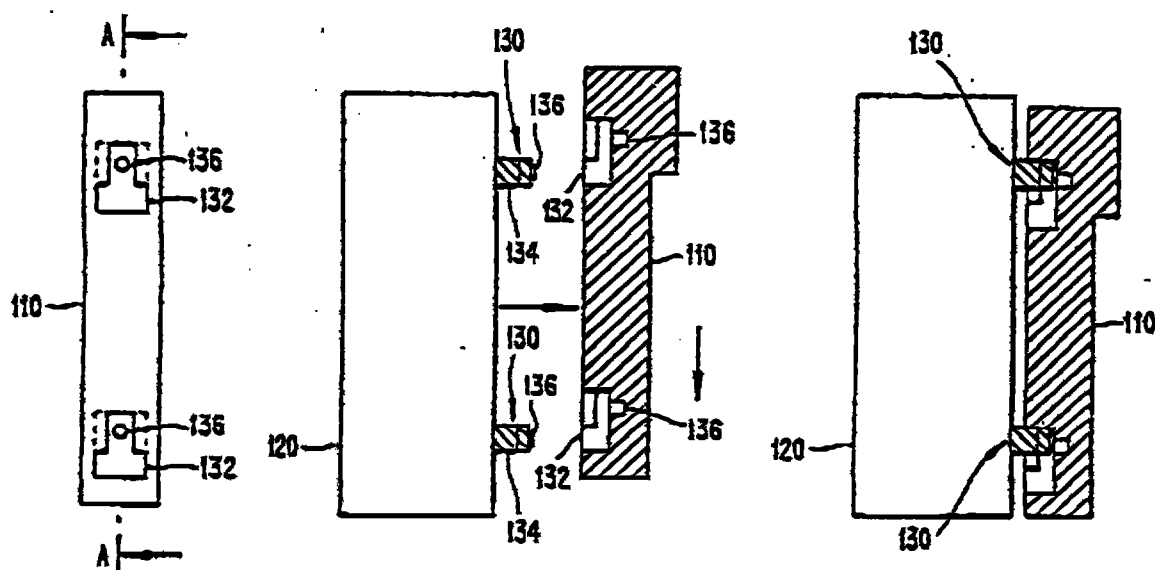
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(54) Title: RADIOTELEPHONE APPARATUS INCLUDING A WIRELESS HEADSET



(57) Abstract

A radiotelephone (100) includes a multifunctional headset (110) that operates in two different modes. According to a first mode, the headset (110) may be mounted on a radiotelephone body (120) where it serves as a speaker (140) and microphone (150) for the radiotelephone (100). Also, the headset (110) can be separated from the body (120) of the portable radiotelephone (100) and placed on the head of the user. In this mode of operation, the headset (110) receives and transmits signals from and to the radiotelephone body (120) during a call, thus providing hands-free operation. The headset (110) can be attached to a user's head by an ear clip (160). The headset (110) and body (120) may include low power RF transceivers (207). The headset (110) may contain power saving circuitry (245) to minimize power drain from an internal battery (240). The battery (240) may be recharged whenever the headset (110) is fixed to the radiotelephone (100).

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