Abstract

A Boom Assembly for a Microphone of an Earset or Headset

A headset or earset with a microphone boom, which can be coiled or uncoiled to change its effective length, provides convenience for mobile communication. The boom of the assembly for a headset can be mechanically or electro-mechanically wound or unwound to conceal an unused part so that the headset is miniaturised. When required, the microphone can be extended with the supporting boom to any required lengths thereby facilitating clearer voice reception. Compared to hinged, telescoped or rotated microphone booms, a coilable or windable boom makes the headset to be more compact, neat and easier for a single hand's operation. If used for headsets in mobile phones, a microphone supported by the extendable and retractable boom enables the microphone to be close at the mouth's vicinity during conversation for superior voice reception quality at lower cost as well as further reduce the headset's size for mobility with reduced hindrance.

(Figure 5)

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