



(12) **United States Patent**
Cho

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(54) **WIRELESS HEADSET HAVING A LOCAL AREA COMMUNICATION MODULE AND BEING DETACHABLE FROM A COMMUNICATION DEVICE**

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(73) Assignee: **Samsung Electronics Co., Ltd. (KR)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 341 days.

(21) Appl. No.: **10/753,824**

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(30) **Foreign Application Priority Data**
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(51) **Int. Cl.**
H04M 1/00 (2006.01)

(52) **U.S. Cl.** **455/550.1; 455/575.1; 455/90.3; 455/569.2; 455/347; 379/428.02**

(58) **Field of Classification Search** **455/550.1, 455/575.1-9, 403, 379, 347, 90.3, 569.2**
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

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Primary Examiner—Nick Corsaro

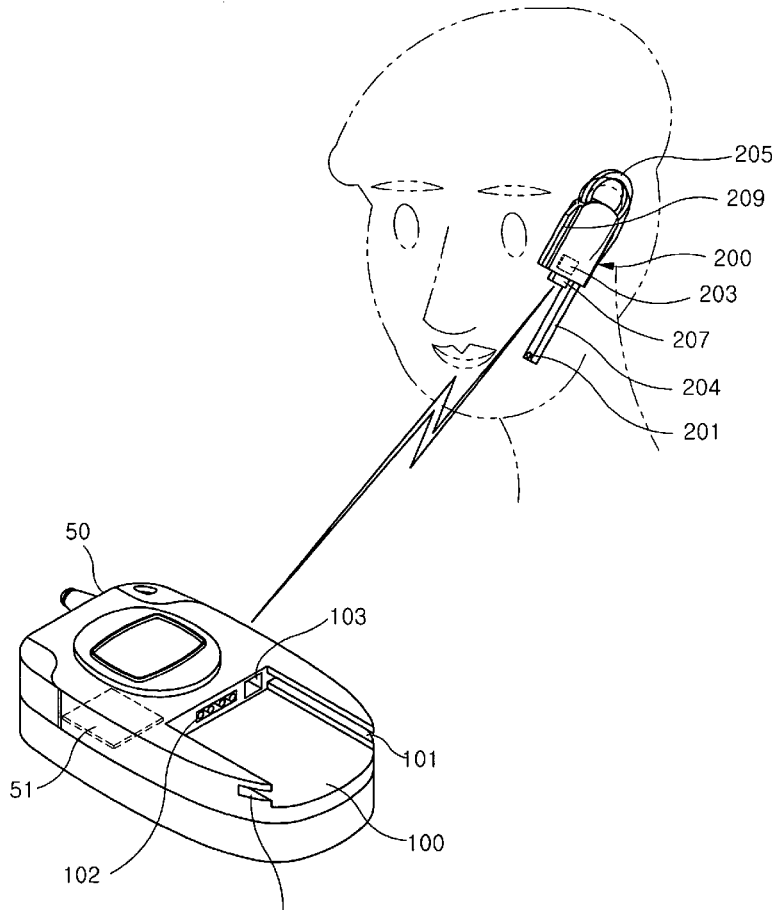
Assistant Examiner—Sayed T. Zewari

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(57) **ABSTRACT**

Disclosed is a wireless headset apparatus using a local area communication, comprising an attachment recess formed at a designated position of a communication equipment, and a wireless headset detachably attached to the attachment recess.

11 Claims, 8 Drawing Sheets



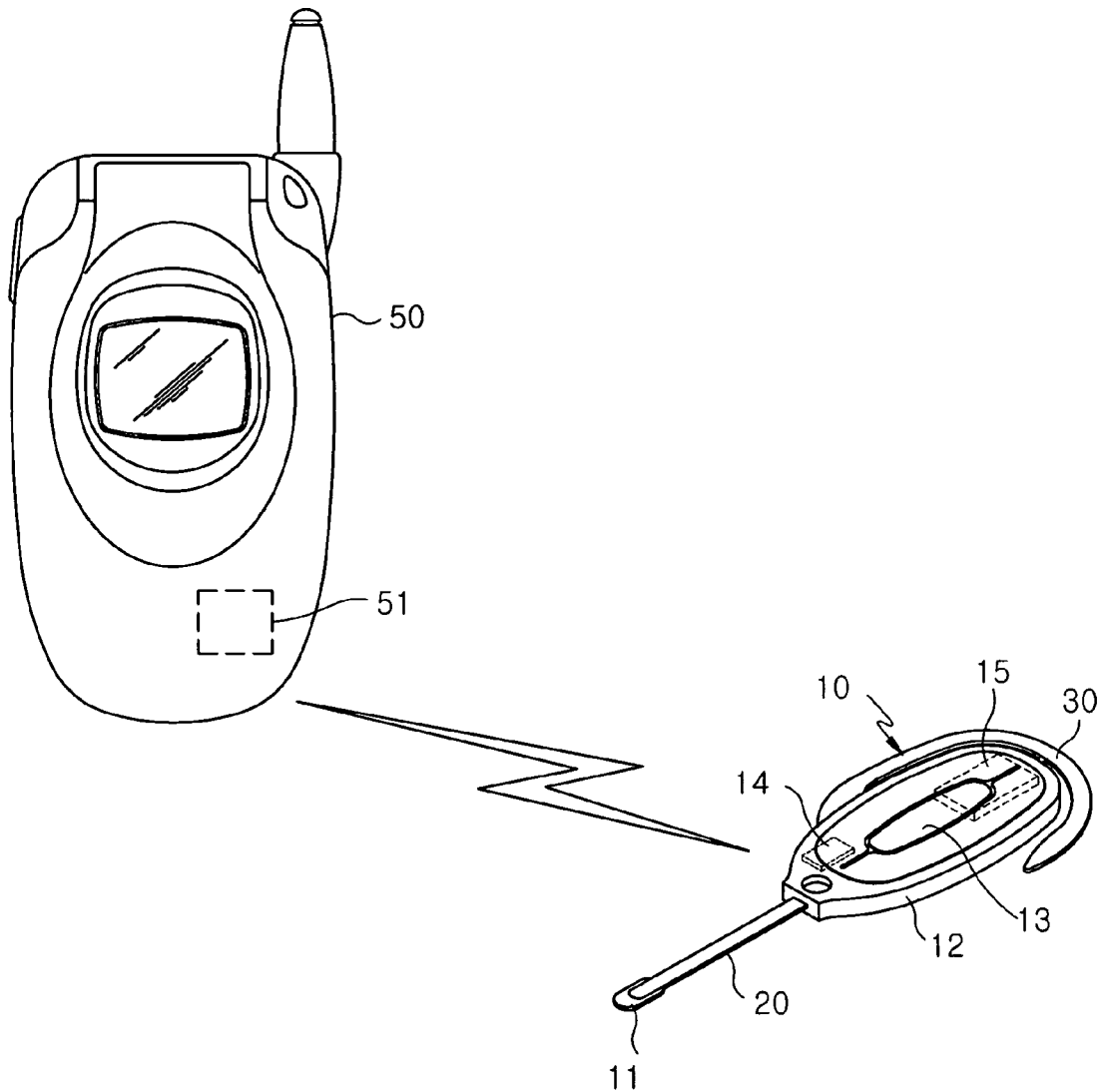


FIG. 1
(PRIOR ART)

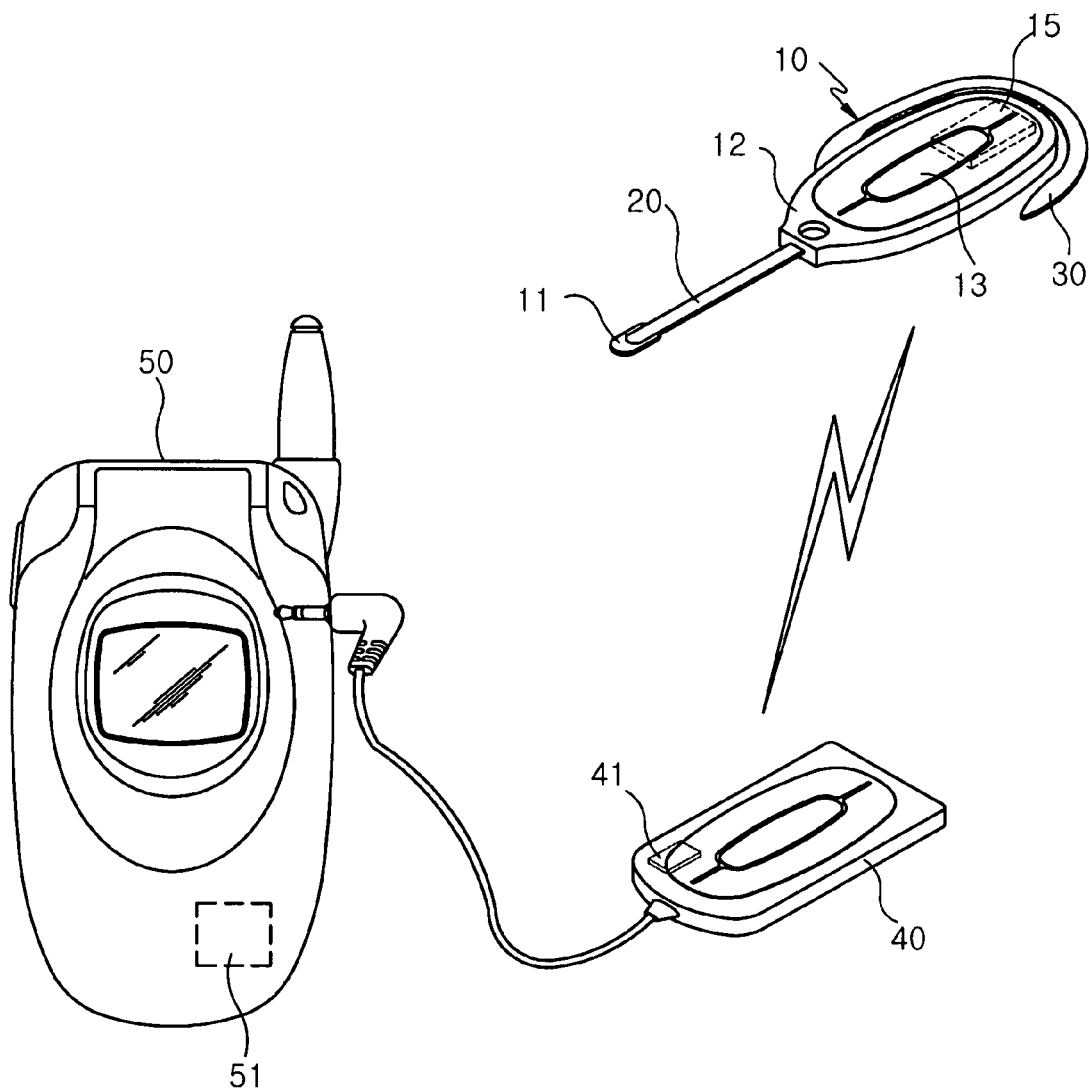


FIG. 2
(PRIOR ART)

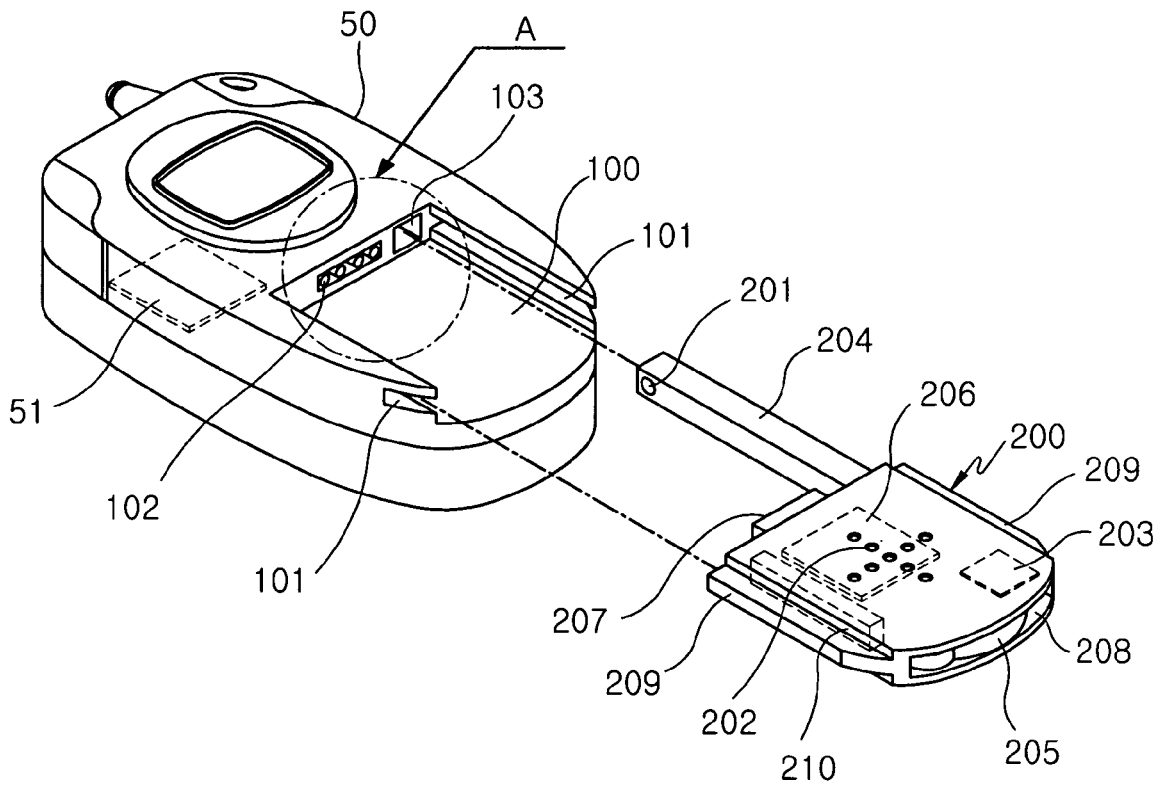


FIG. 3

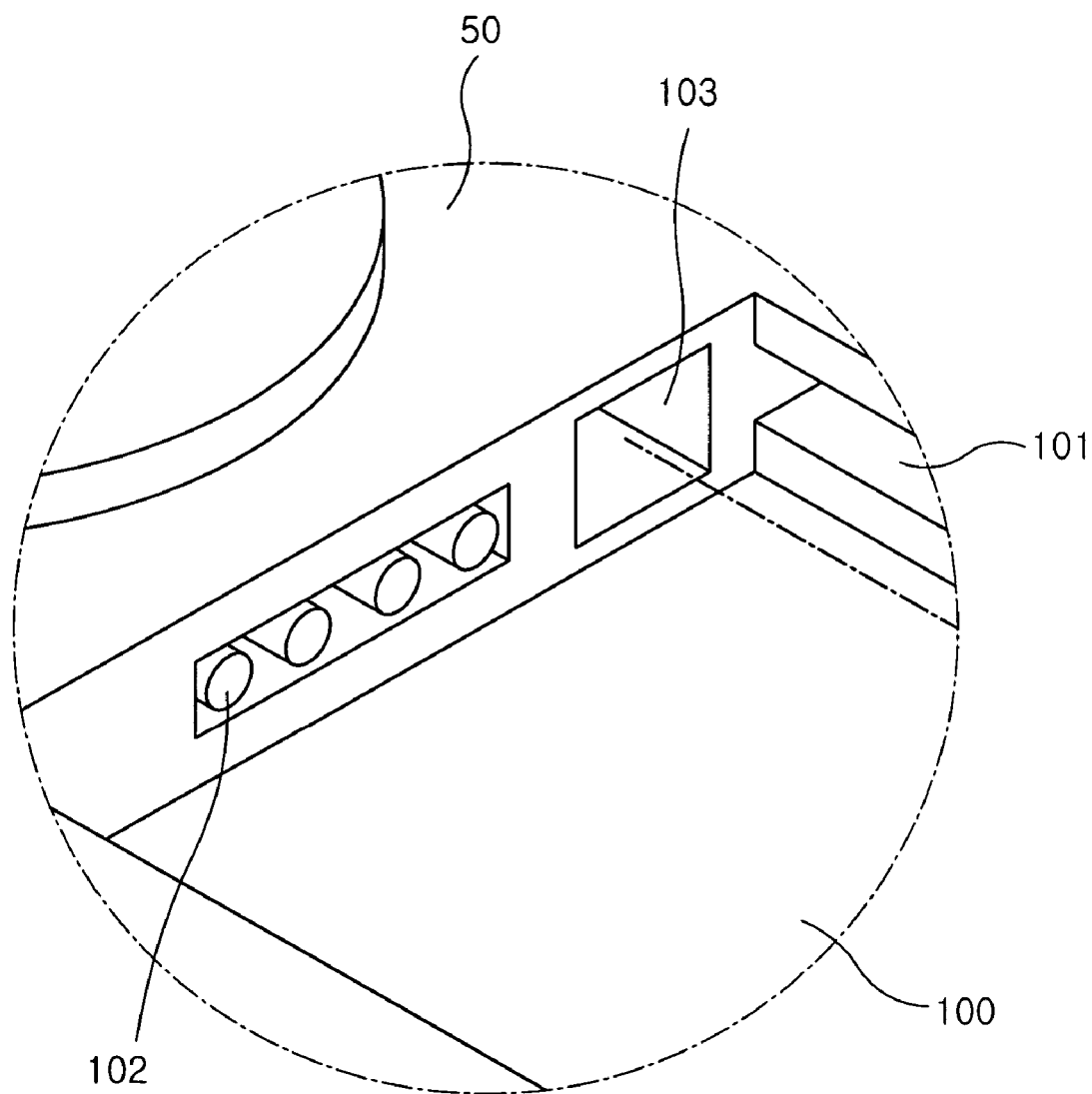


FIG. 4

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