

EXHIBIT A



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(12) **United States Patent**
Goris et al.

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(45) **Date of Patent:** ***Jun. 19, 2012**

(54) **SYSTEM AND METHOD FOR CONSERVING BATTERY POWER IN A MOBILE STATION**

(56) **References Cited**

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Wolfgang Scheit, Rothenbach (DE)
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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 448 days.

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This patent is subject to a terminal disclaimer.

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(Continued)

Related U.S. Application Data

Primary Examiner — Kamran Afshar
Assistant Examiner — Kathy Wang-Hurst

(63) Continuation of application No. 11/516,316, filed on Sep. 6, 2006, now Pat. No. 7,319,889, which is a continuation of application No. 10/463,630, filed on Jun. 17, 2003, now Pat. No. 7,113,811.

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(51) **Int. Cl.**
H04M 1/00 (2006.01)

(57) **ABSTRACT**

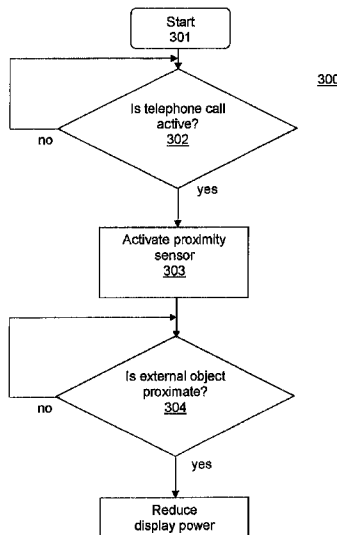
(52) **U.S. Cl.** **455/574**; 455/566; 455/41.2; 455/572; 455/556.1

In one embodiment, a mobile station including a chassis having a display, a power reducer, a proximity sensor, and a microprocessor. The power reducer controls power consumption of the display. The proximity sensor is coupled to the chassis and causes the power consumption to be reduced when the display is within a predetermined range of an external object. The microprocessor is coupled to the proximity sensor and to the display and automatically activates the proximity sensor based on the mobile station receiving an incoming wireless telephone call.

(58) **Field of Classification Search** 455/550.1, 455/41.2, 566, 572-574, 575.1, 343.1-343.5, 455/418; 345/211, 156, 166, 169; 713/230; 340/7.32, 539.23, 539.26, 539.3

See application file for complete search history.

14 Claims, 4 Drawing Sheets



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FIGURE 1

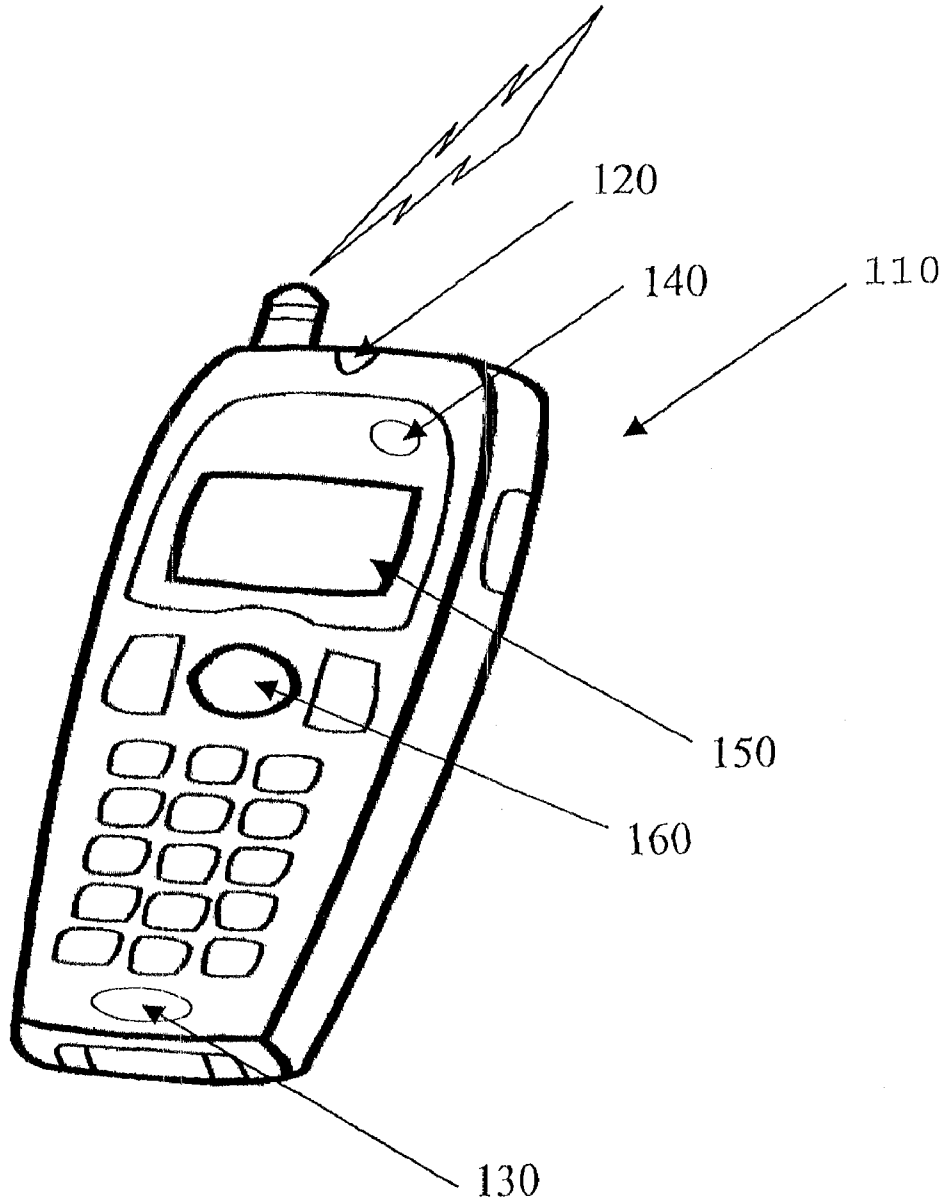
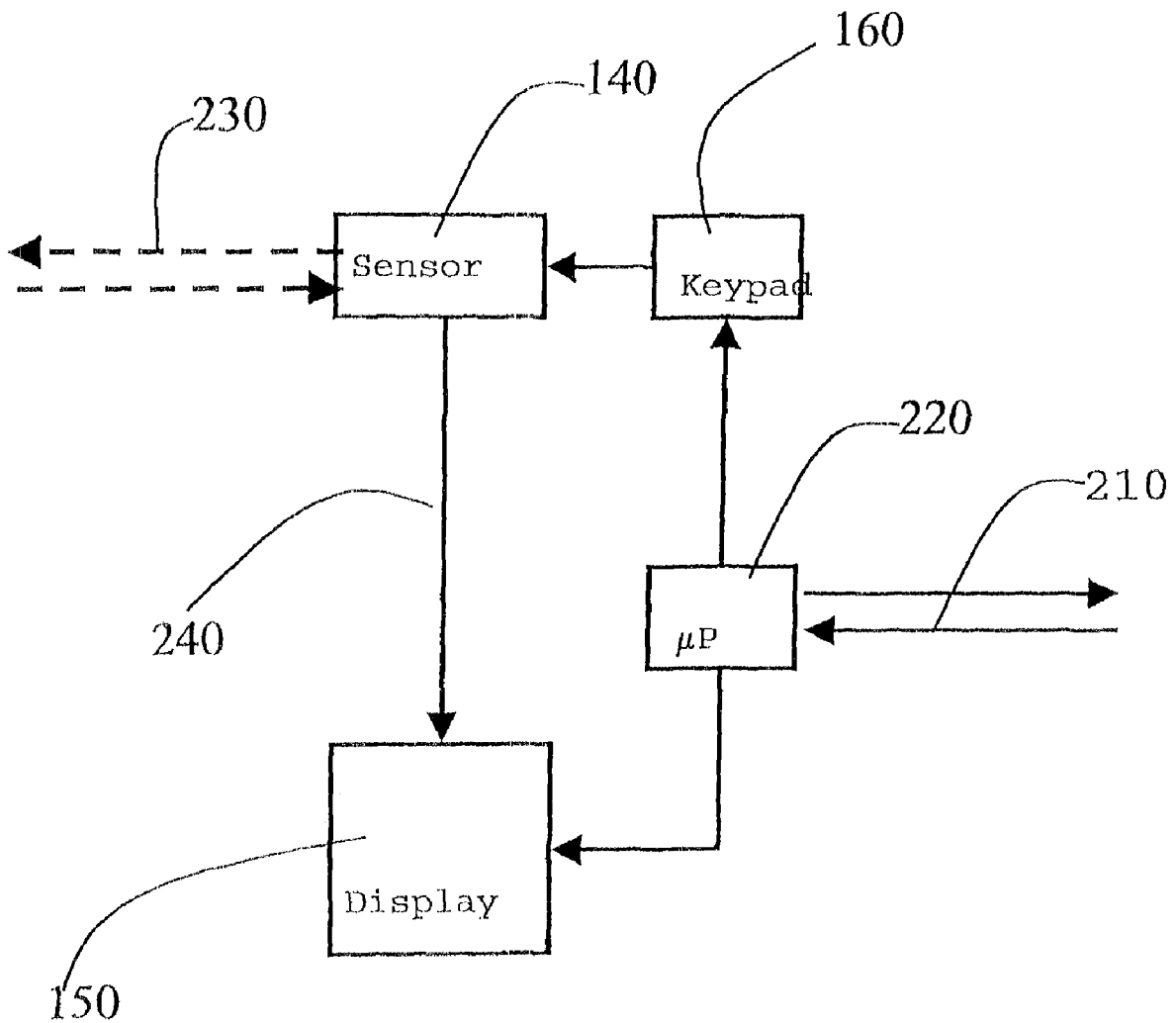


FIGURE 2



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