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(54) **APPARATUS AND METHOD FOR
ADJUSTING REFRESH RATE OF LOCATION
COORDINATES OF A TRACKING DEVICE**

11/784,400, filed on Apr. 5, 2007, Continuation-in-part of application No. 11/935,901, filed on Nov. 6, 2007.

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(57) **ABSTRACT**

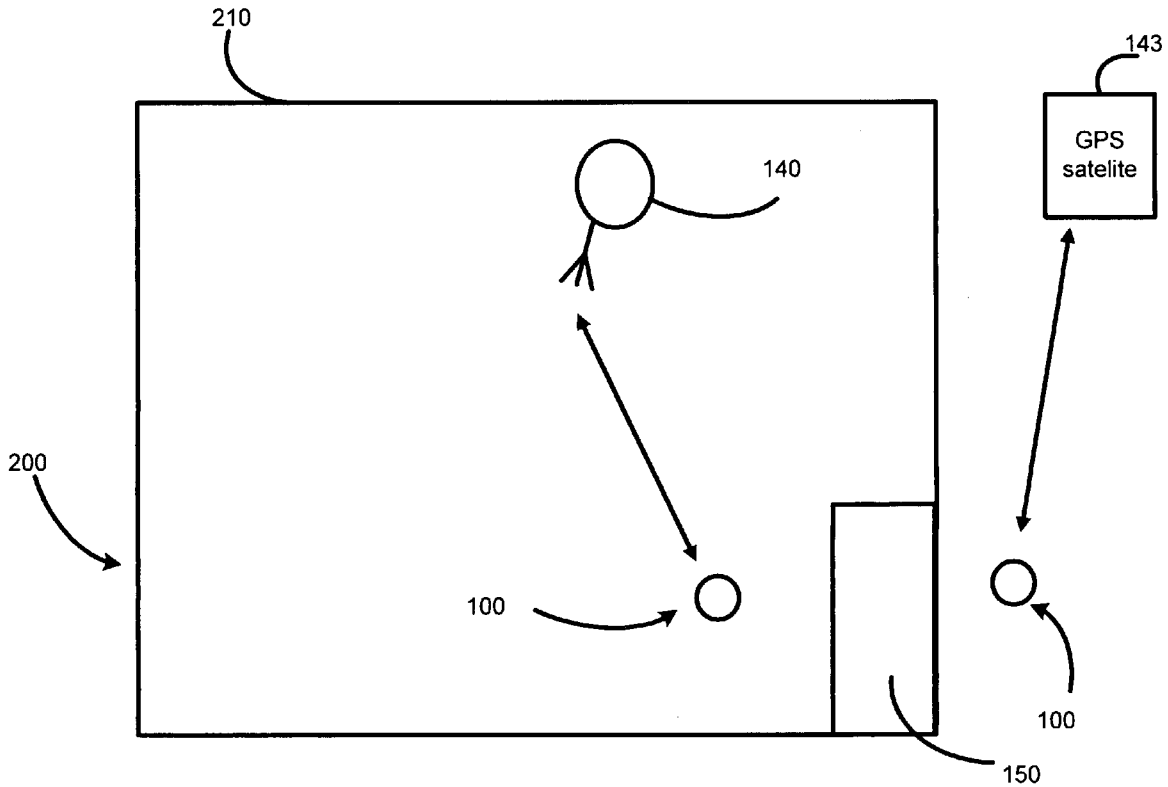
A local charging management device manages electrical resource capability for an electronic tracking device. In one embodiment, the electronic tracking device includes a battery power monitor, a charging unit; and an electrical power resource management component. The electrical power resource management component adjusts cycle timing of one or more of control parameters for the tracking device. Control parameters include request rate of location coordinate packets to a target host and a listen rate of the location coordinate packets. The adjustment is responsive to an estimated charge level of the charging unit, velocity of the device, and user desired inputs.

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Related U.S. Application Data

(63) Continuation-in-part of application No. 11/969,905, filed on Jan. 6, 2008, Continuation-in-part of application No. 11/753,979, filed on May 25, 2007, Continuation-in-part of application No. 11/933,024, filed on Oct. 31, 2007, Continuation-in-part of application No.



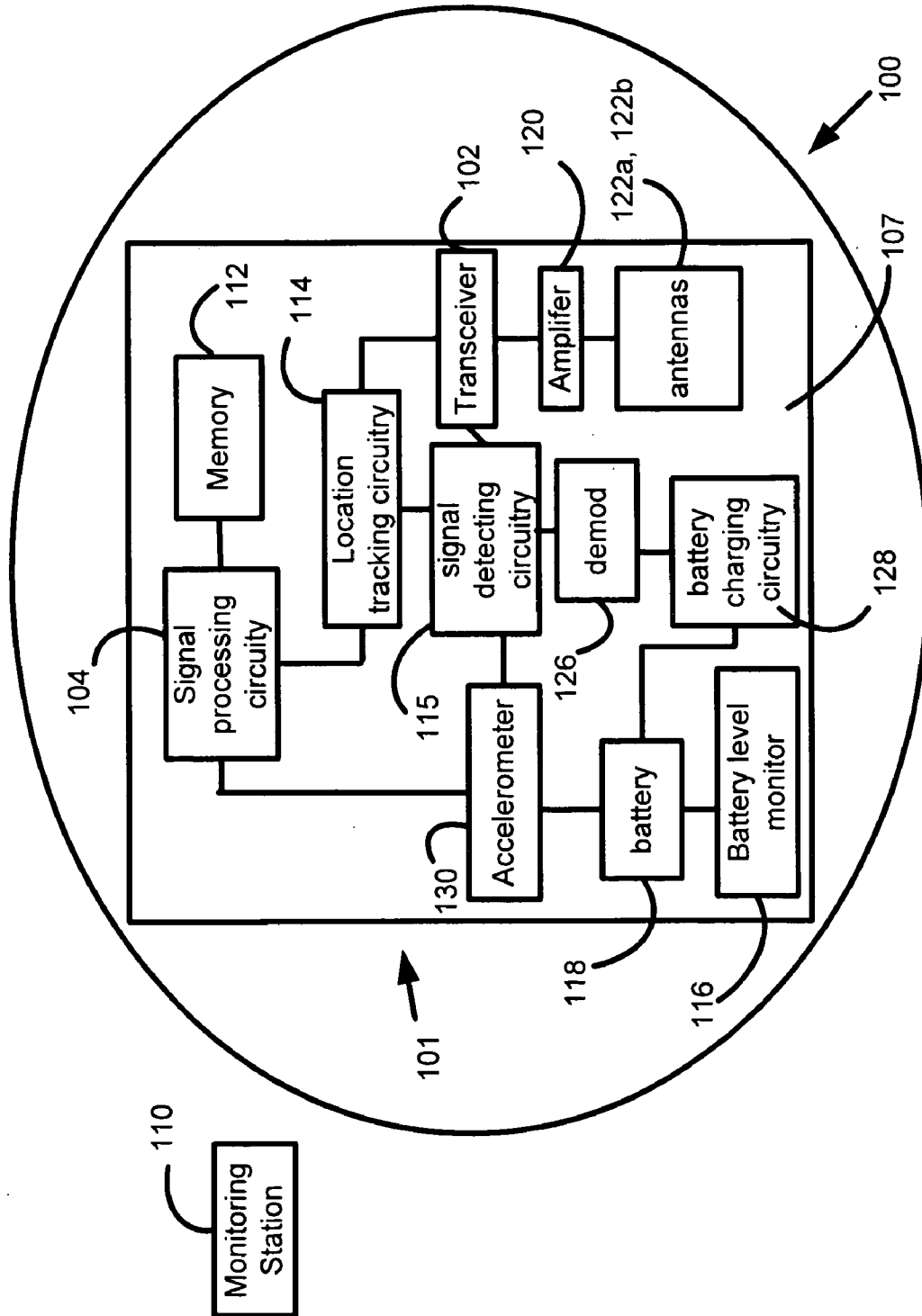


Figure 1

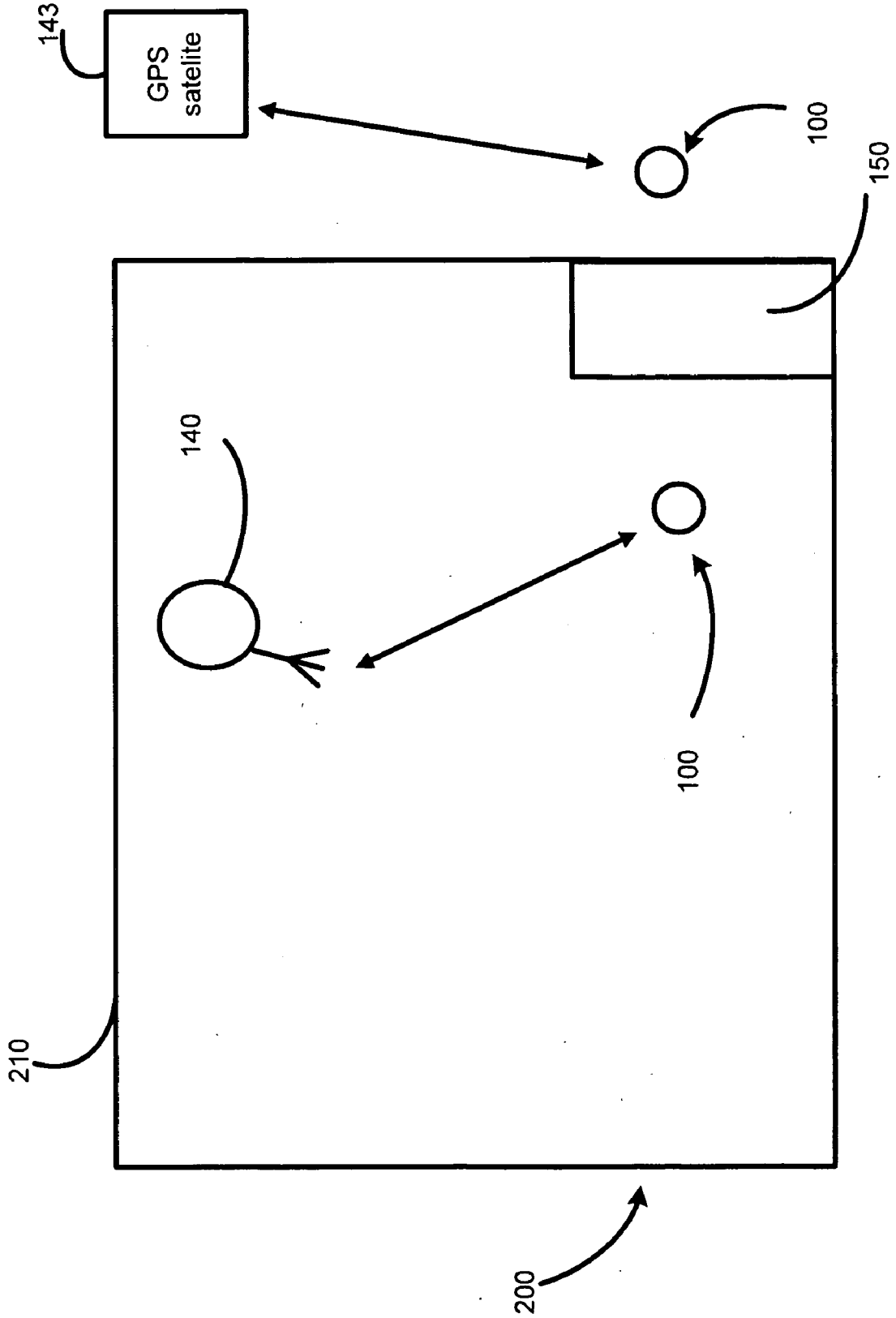


Figure 2

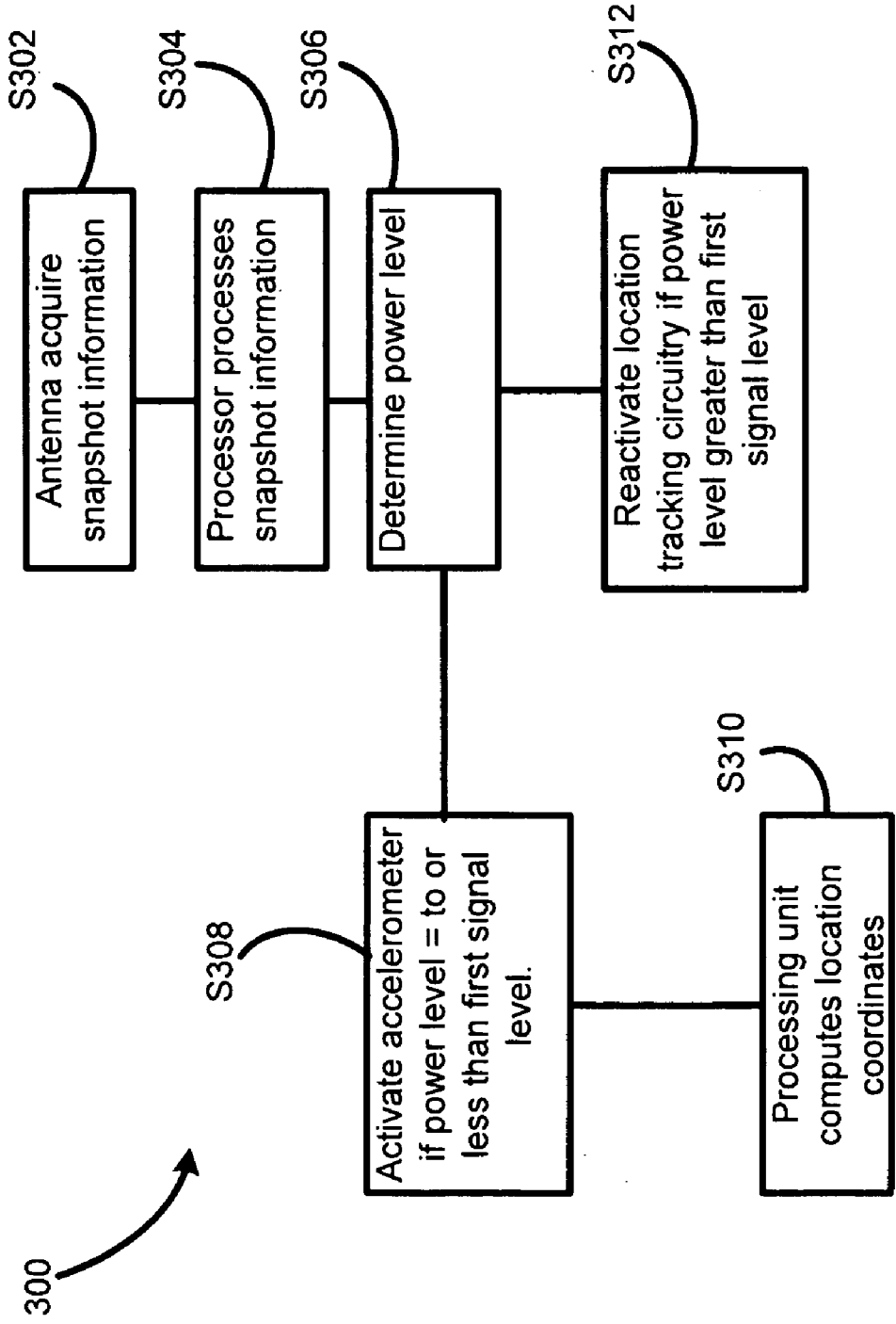
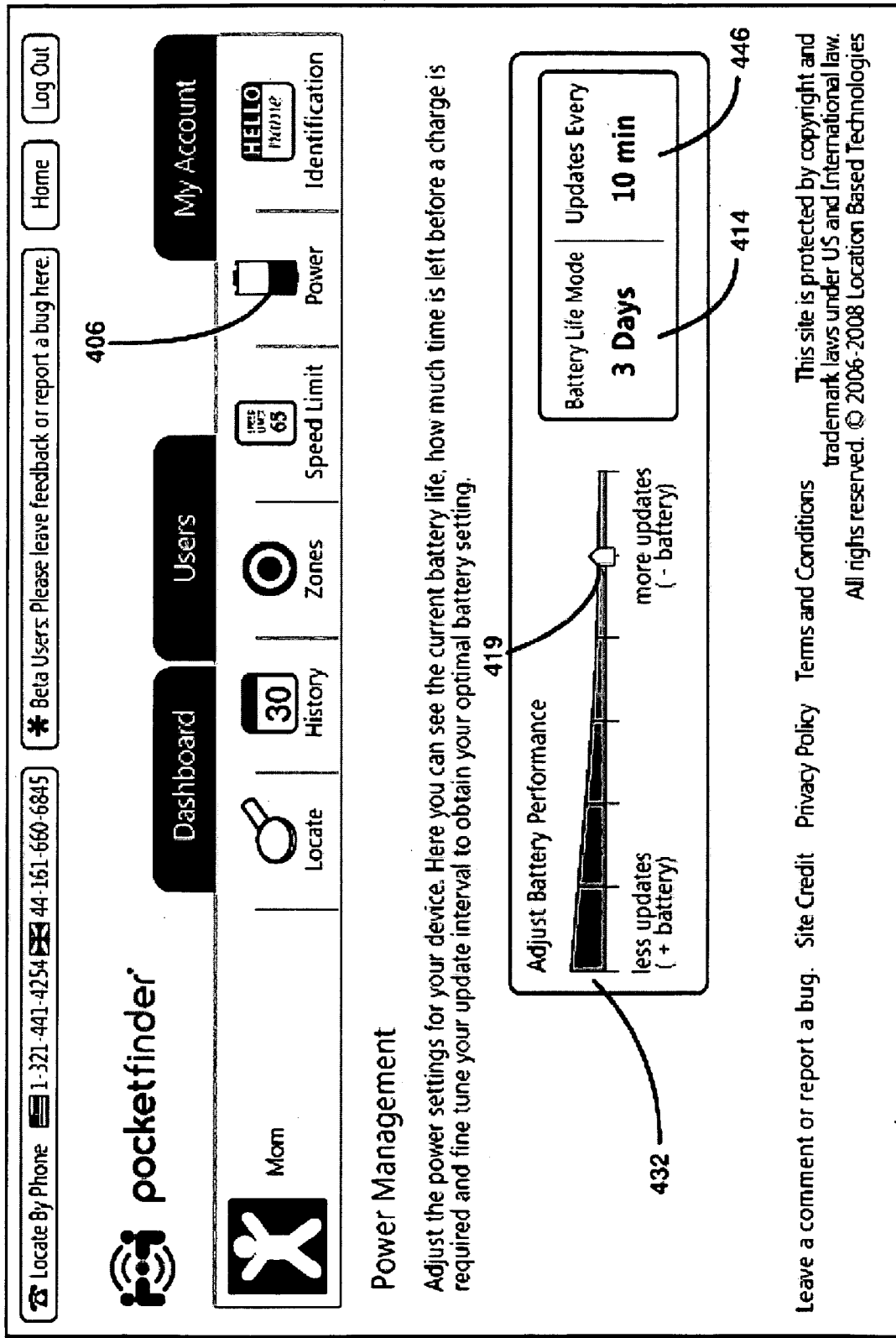


Figure 3



Power Management

Adjust the power settings for your device. Here you can see the current battery life, how much time is left before a charge is required and fine tune your update interval to obtain your optimal battery setting.

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Figure 4

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