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(54) **DYNAMICALLY CONFIGURABLE WIRELESS DEVICE**

Publication Classification

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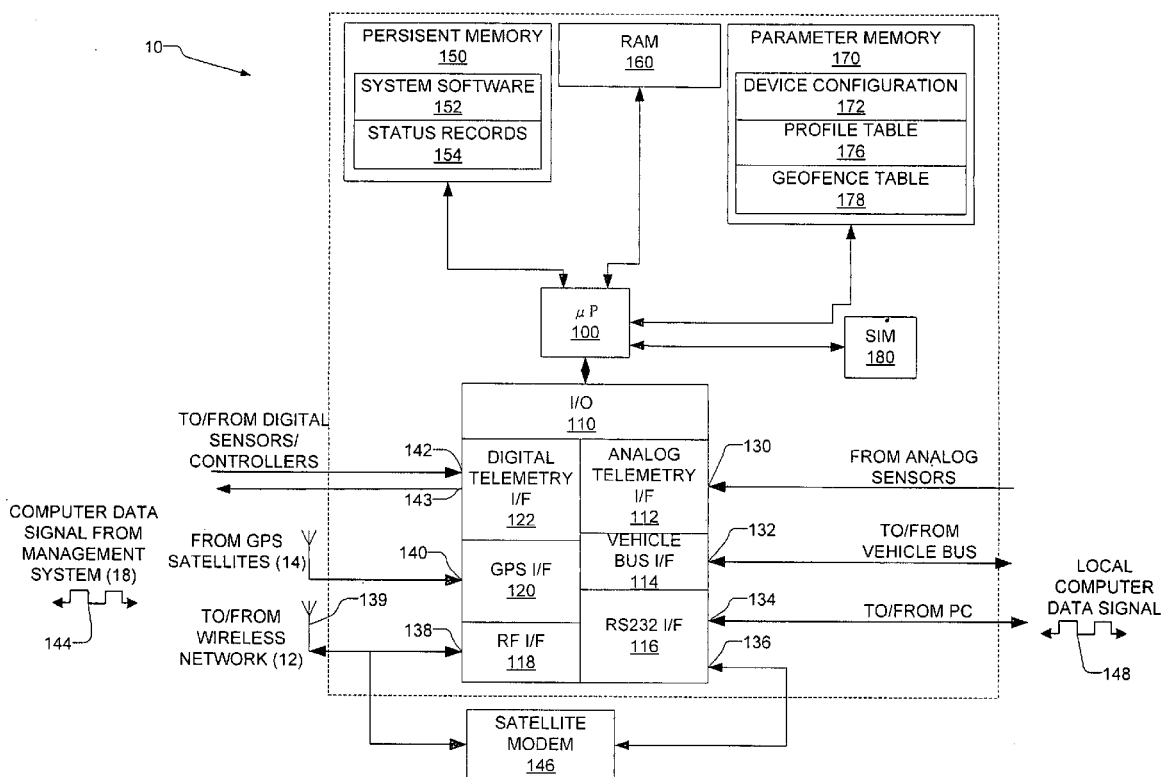
(57) **ABSTRACT**

A wireless device for facilitating for GPS-based asset tracking via a wireless communications network and a centralized management system. The wireless device includes dynamically configurable event profiles which allow the wireless device to be dynamically reconfigured and to perform certain actions based on a dynamically configurable combination of received events.

(73) Assignee: **Webtech Wireless Inc.**

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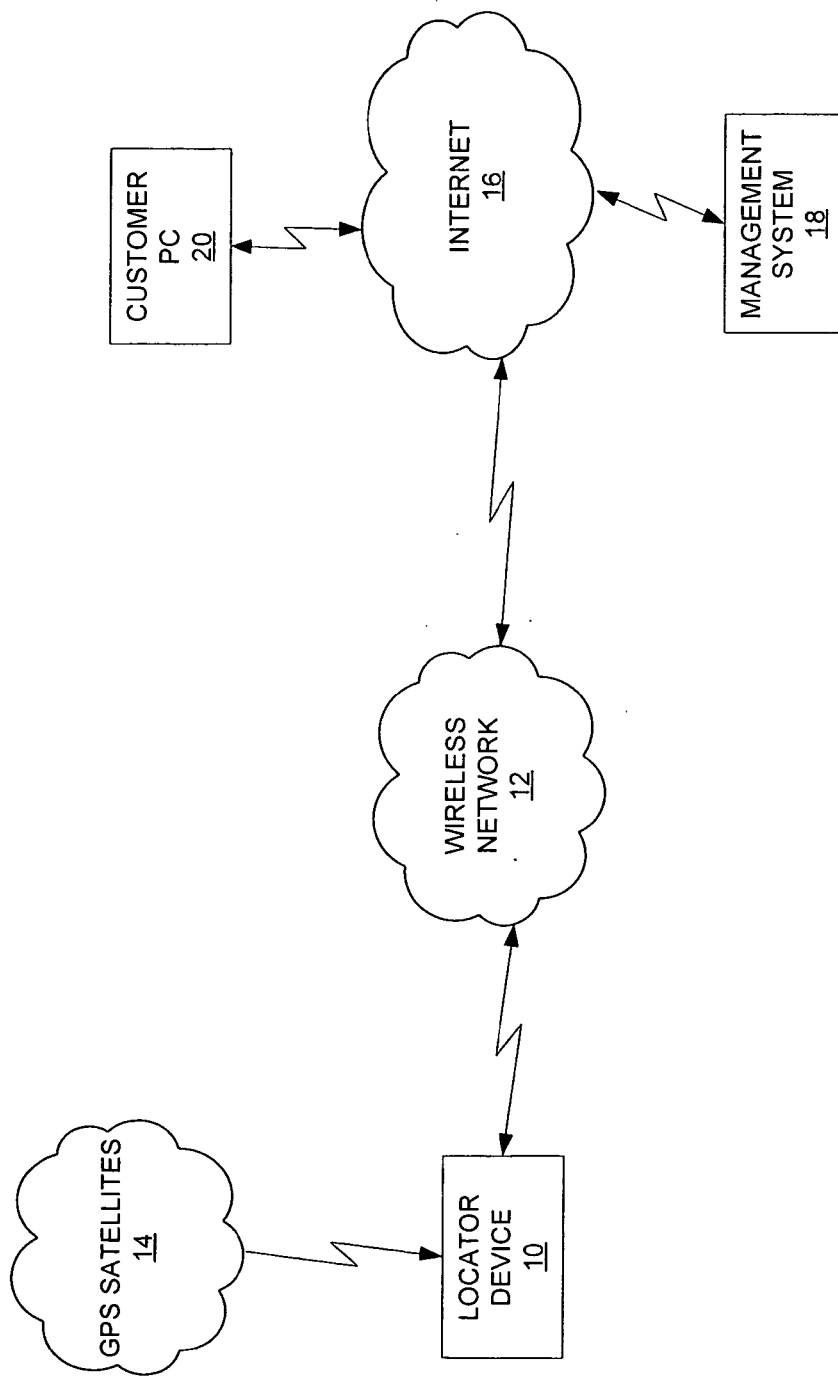


FIG. 1

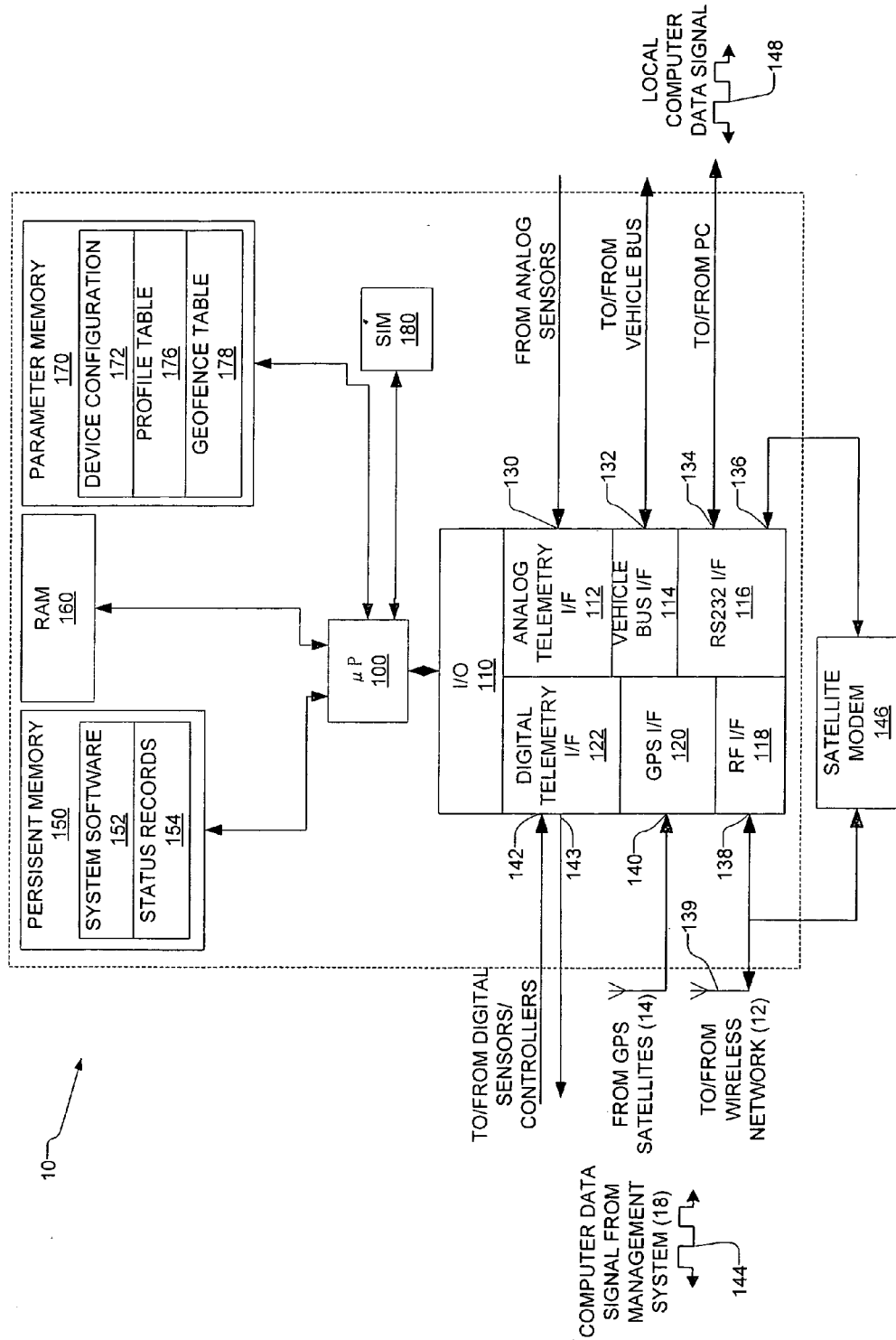


FIG. 2

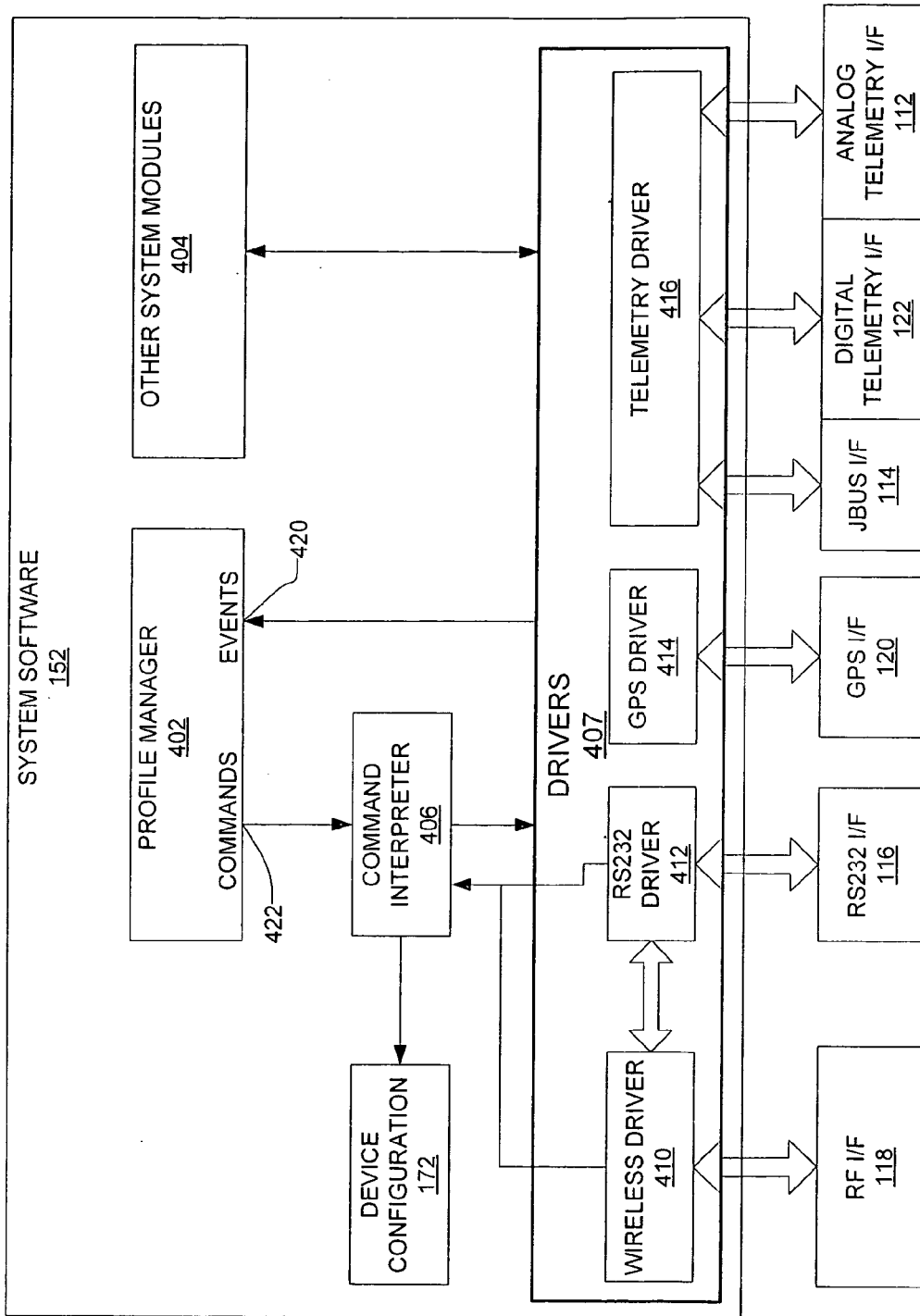
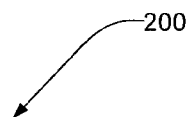
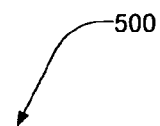


FIG. 3



PROFILE TABLE ENTRY FORMAT

202 ~ PROFILE NUMBER	Entry Number
204 ~ T_WORD	Binary word indicating triggers used in the entry
206 ~ T_MASK	Binary word indicating sufficient and necessary triggers
208 ~ P_HYSTERESIS	Minimum duration all triggers must be active to activate profile
210 ~ COMMANDS	Device configuration commands associated with the profile
212 ~ TIMER_START	Hysteresis timer start time
214 ~ P_ACTIVE	Boolean flag indicating if profile is currently active

FIG. 4

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