

(12) **United States Patent**
Joao

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(54) **CONTROL APPARATUS AND METHOD FOR VEHICLES AND/OR FOR PREMISES**

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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 0 days.

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Related U.S. Application Data

(63) Continuation of application No. 08/683,828, filed on Jul. 18, 1996, now Pat. No. 5,917,405, and a continuation-in-part of application No. 08/622,749, filed on Mar. 27, 1996, now abandoned, and a continuation-in-part of application No. 08/587,628, filed on Jan. 17, 1996, now abandoned, which is a continuation of application No. 08/489,238, filed on Jun. 12, 1995, now Pat. No. 5,513,244, which is a continuation of application No. 08/073,755, filed on Jun. 8, 1993, now abandoned.

ABSTRACT

A control apparatus and method, including a first control device, located at a vehicle or premises, capable of at least one of activating, de-activating, disabling, and re-enabling, one or more of a plurality of at least one of a respective system, component, device, equipment, equipment system, and/or appliance, of a respective vehicle or premises, with a first signal. The first signal is generated by and/or transmitted from the first control device in response to a second signal, generated by and/or transmitted from a second control device located remote from the vehicle or premises, and automatically received by the first control device. The second control device is responsive to a third signal, generated by and/or transmitted from a third control device located remote from the vehicle or premises and remote from the second control device, and automatically received by the second control device.

(51) **Int. Cl.**⁷ **G08B 1/08**

(52) **U.S. Cl.** **340/539; 340/425.5; 340/428; 340/540; 307/10.2**

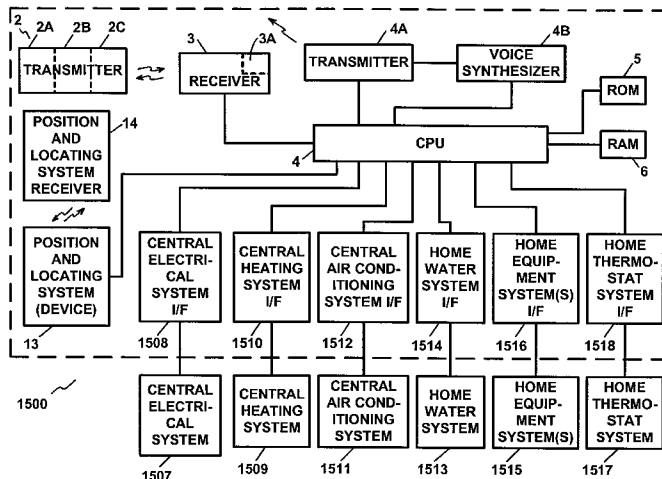
(58) **Field of Search** 340/425.5, 426, 340/428, 429, 430, 539, 825.32, 825.34, 825.36; 307/10.2, 10.3; 342/357.03, 357.07, 357.09, 457; 455/422; 701/1, 36, 49

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149 Claims, 20 Drawing Sheets



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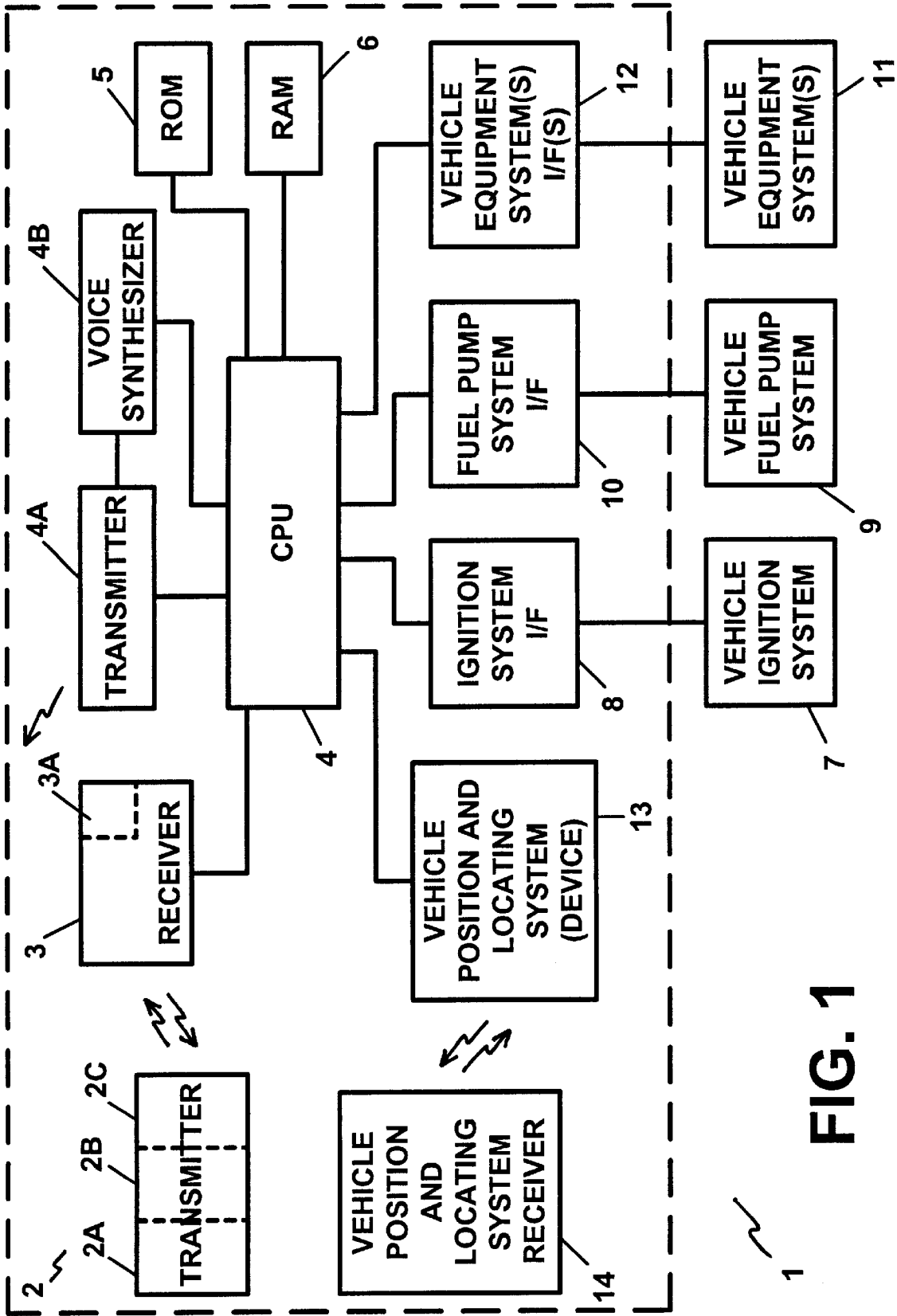


FIG. 1

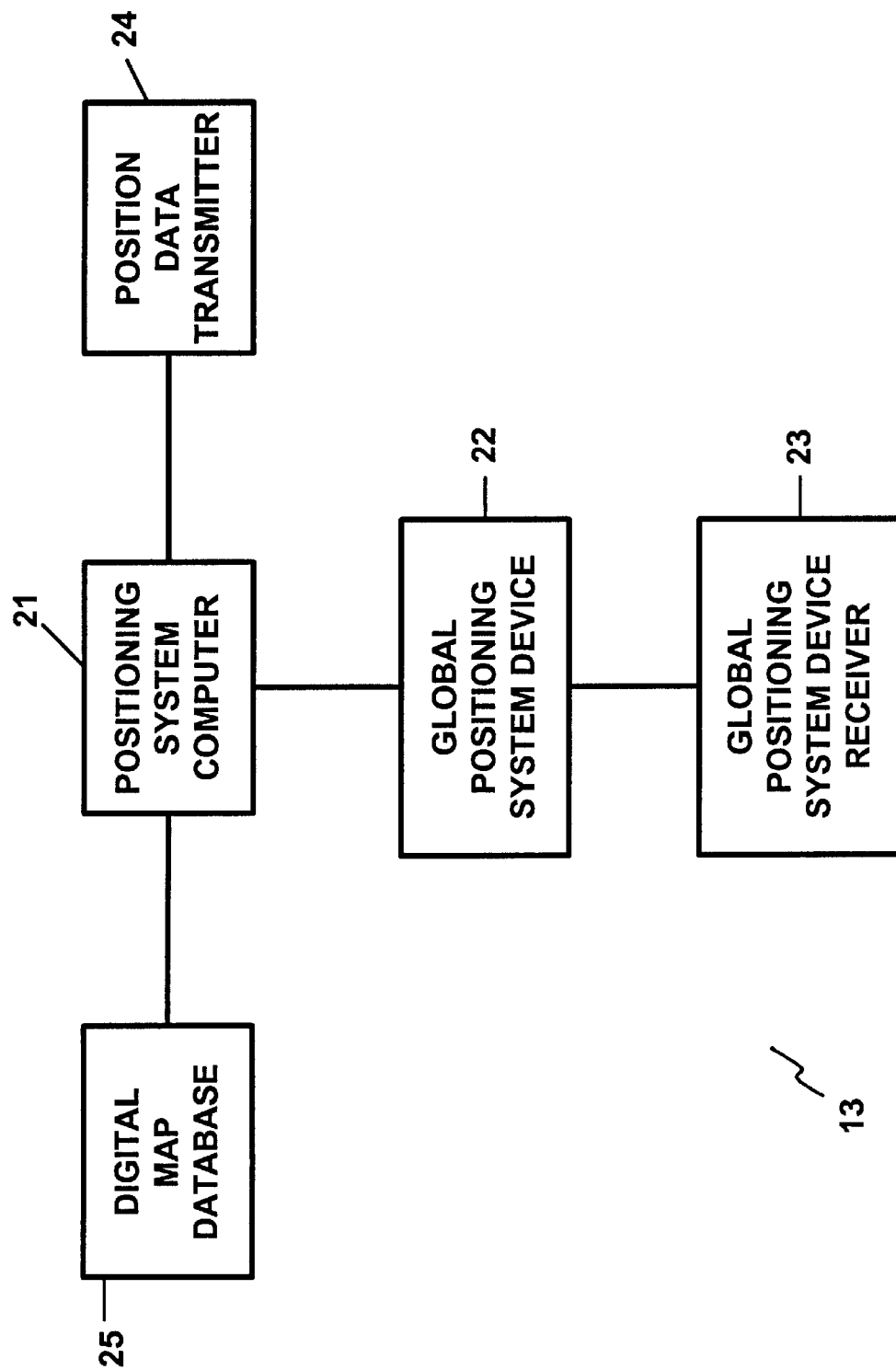


FIG. 2

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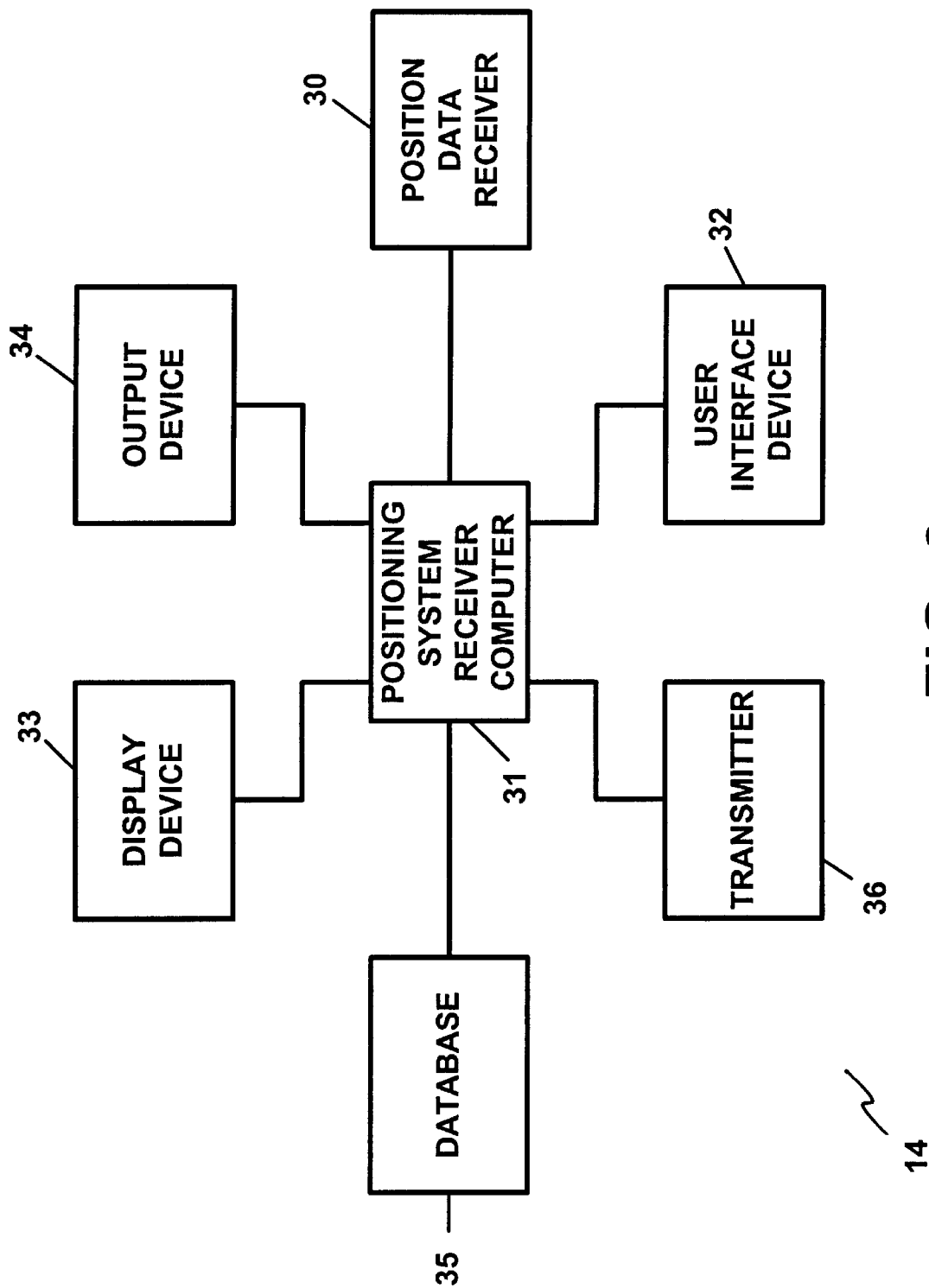


FIG. 3

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