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Andreasson et al.

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- (54) **PHARMACEUTICAL TRACKING**
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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 415 days.

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Related U.S. Application Data

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(51) **Int. Cl.**
G06F 19/00 (2006.01)
G06Q 30/00 (2006.01)

(52) **U.S. Cl.** **235/385**; 235/381; 235/382; 340/5.92; 340/572.1; 700/236

(58) **Field of Classification Search** 235/385, 235/383, 381, 382, 382.5; 340/568.1, 573.1, 340/572.1, 5.9, 5.92; 62/125; 700/231, 700/236, 237; 232/43.1; 705/29, 28
See application file for complete search history.

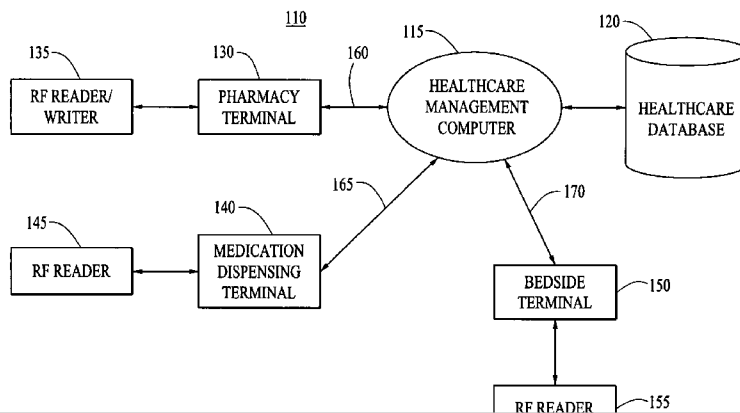
(57) **ABSTRACT**

A medication dispensing unit is provided for tracking medical products having a Radio Frequency Identification (RFID) tag uniquely associated therewith. The dispensing unit includes compartments for receiving medical products therein, and readers for reading the RFID tags associated with the medical products in the compartments. A processor is coupled to the readers for receiving and processing readings of the RFID tags in the compartment to identify the medical products in the compartments. The processor may identify a medical product removed from a compartment by determining a difference between readings of the RFID tags in the compartment taken before and after the medical product is removed from the compartment. The processor may verify that the medical product removed from the compartment is authorized to be removed or confirmed that an identified patient is intended to receive the medical product being removed from the compartment. A system and method for counterfeit prevention is disclosed, as is specimen, blood, organ and the like, tracking.

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25 Claims, 10 Drawing Sheets



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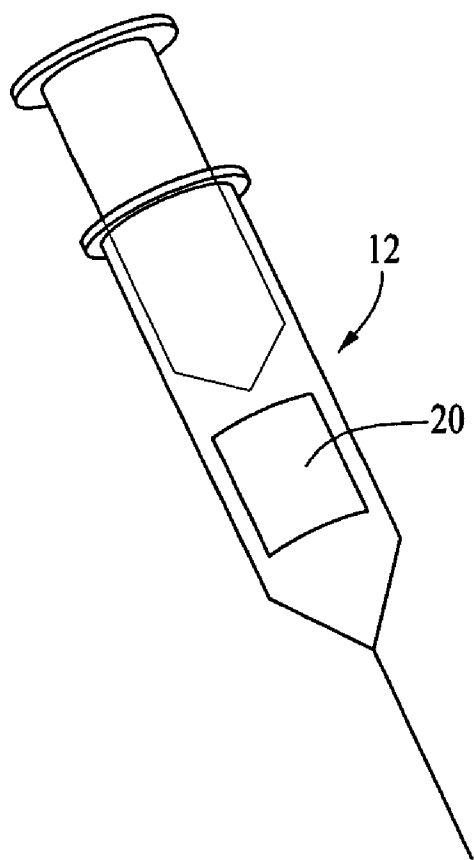


FIG. 1A

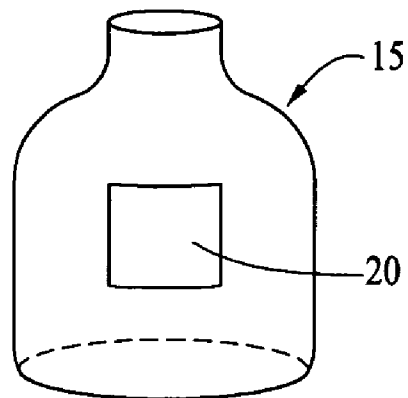


FIG. 1B

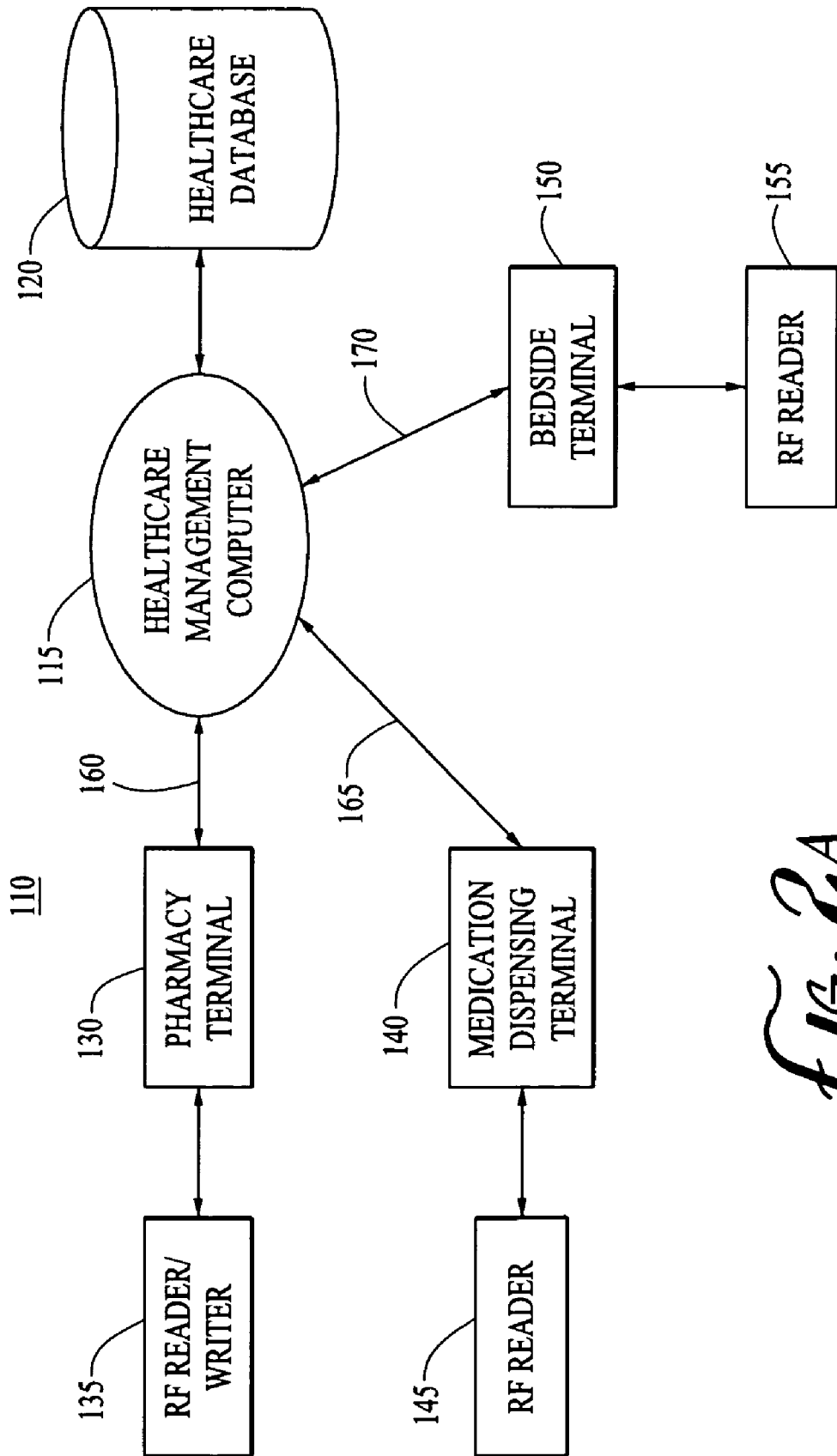
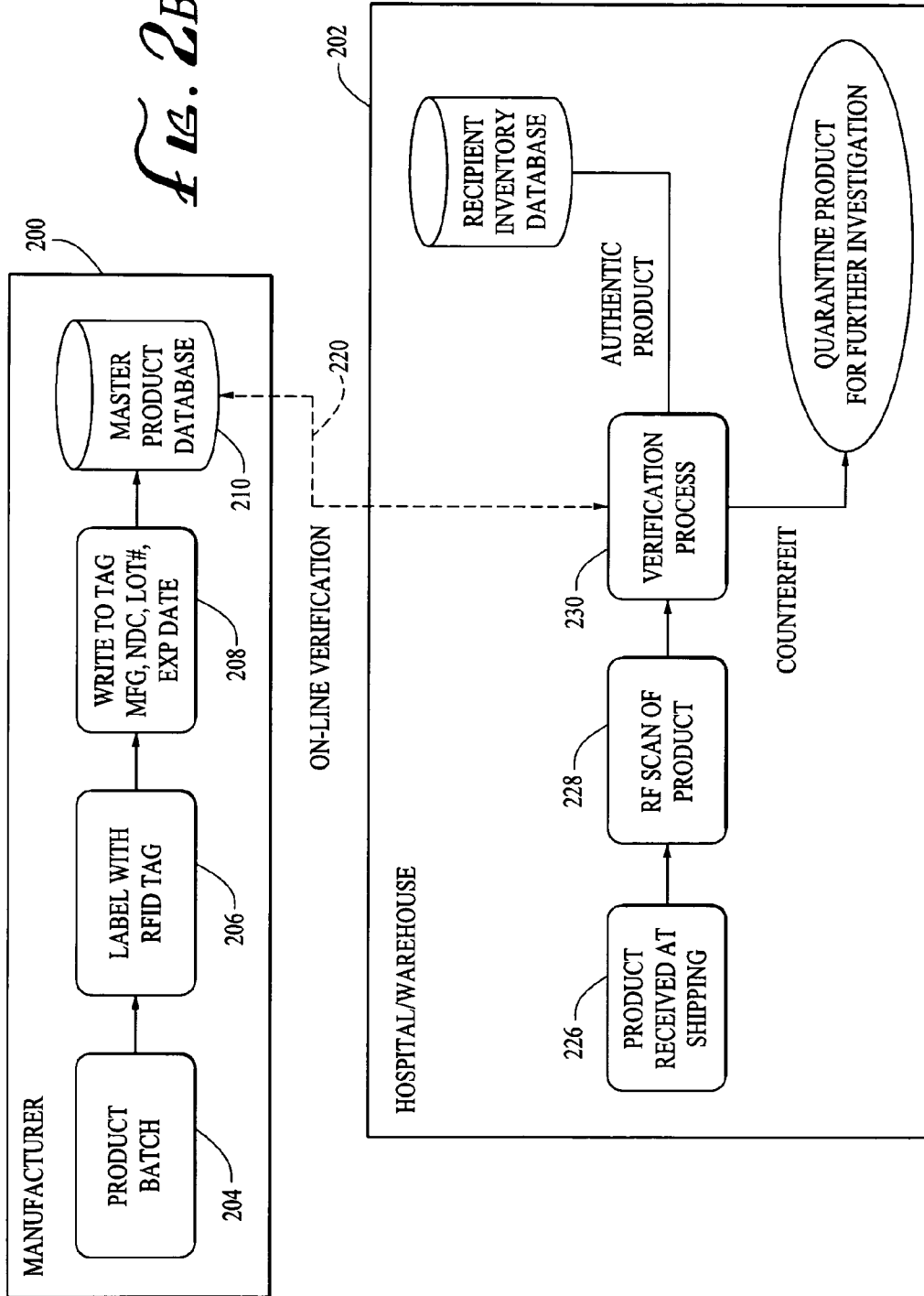


FIG. 2A

FIG. 2B



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