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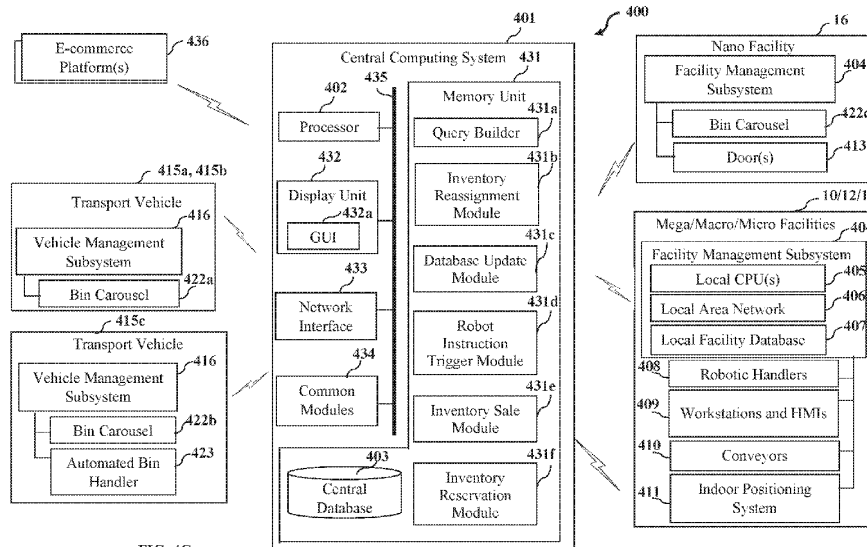


FIG. 4C

(57) Abstract: A multi-entity inventory management system including reassignable storage bins and a method for managing product inventory of different entities, for example, vendors, at one or more facilities including one or more storage structures served by robotic handlers, are provided. Each storage bin stores one or more eaches of the products. A computerized inventory management system (CIMS) stores digital records including entity identifiers, product catalogues containing product identifiers of the products offered by each entity to customers, and unique bin identifiers assigned to the storage bins. The CIMS executes a digital transfer of ownership of inventory from a stocked entity to a needful entity, for example, based on an inventory shortfall, a complete absence of inventory of the needful entity, orders for the product inventory being received, etc. Along with an inventory swap through the storage bins, the CIMS executes commerce between the entities and implements inventory reservation.

[Continued on next page]

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