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(54) Title: DETERMINING ITEMS TO PICK IN A STORAGE FACILITY

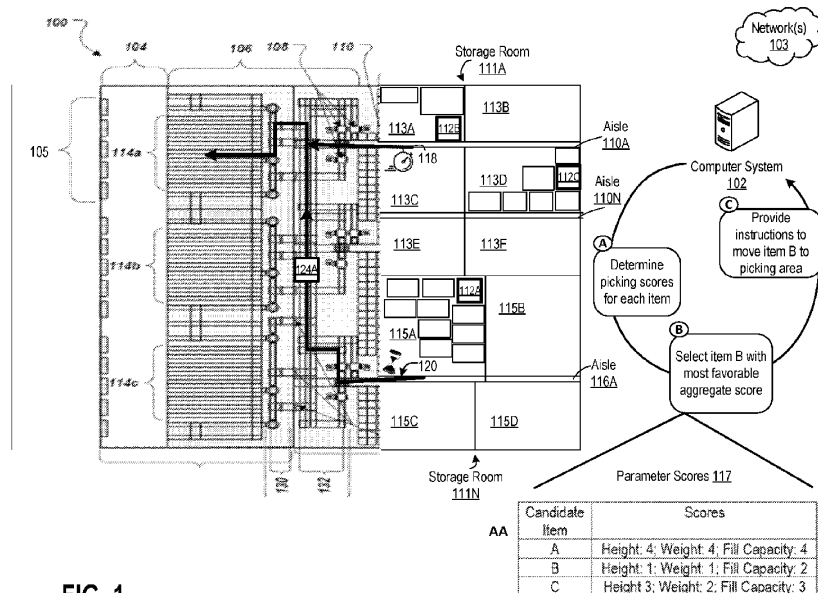


FIG. 1

(57) Abstract: Described are systems and methods for identifying an item in a storage facility to fulfill a pick request. The method includes receiving, by a computing system, a request for a physical item of a particular type, identifying a set of available physical items of the particular type from a plurality of physical items stored in storage locations in the storage facility, determining a score for each respective available physical item based on multiple sub-scores specific to the respective available physical item, to generate a set of scores corresponding to the set of available physical items, selecting a selected physical item from among the set based on the selected physical item having a most favorable score, identifying a selected storage location of the selected physical item, and providing instructions to cause a mechanical moving system to route the selected physical item from the selected storage location to a destination picking location.

[Continued on next page]

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