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(54) Title: DETERMINING LOCATIONS AT WHICH TO STORE ITEMS IN A STORAGE FACILITY

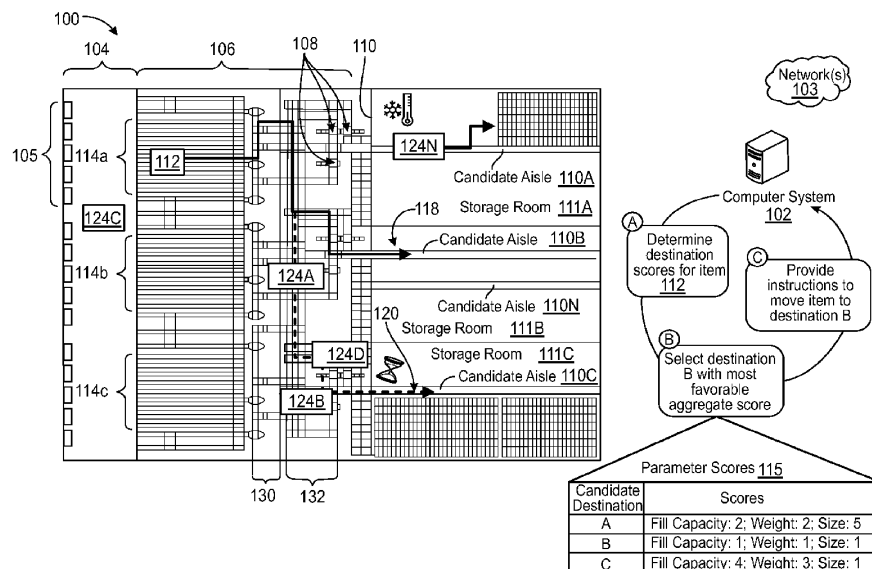


FIG. 1

(57) Abstract: Described herein are systems and methods for storing items in storage facilities. The method can include receiving, by a computing system, a request to identify a destination location for a storage item, identifying a set of available storage locations from among a plurality of storage locations, and determining a score for each respective storage location of the set of available storage locations based on multiple sub-scores specific to the respective storage location, to generate a set of scores corresponding to the set of available storage locations. The method also includes selecting a selected storage location from among the available storage locations based on the selected storage location having a most favorable score from among the set of scores corresponding to the set of available storage locations, and providing instructions to cause a mechanical moving system to route the storage item to the selected storage location.

[Continued on next page]

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