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(54) Title: SYSTEMS AND METHODS FOR MODULAR CAMP SORTATION AND DYNAMIC LOADING LAYOUT GENERATION

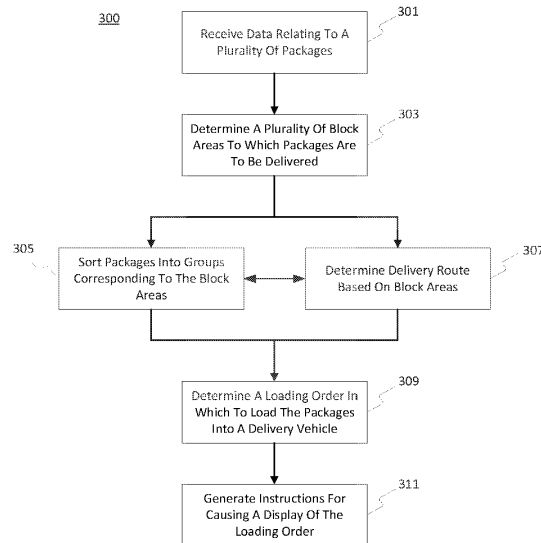


FIG. 3

(57) Abstract: Computer-implemented systems and methods for optimizing sorting and loading of packages are disclosed. An exemplary system includes a memory storing instructions and may include at least one processor configured to execute the instructions. The system may perform operations including receiving data comprising a plurality of package identifiers associated with a plurality of packages. The operations may include determining a plurality of block areas associated with delivery locations for the plurality of packages. The operations may further include determining a delivery route by determining a first set of routes, determining optimal combinations of the inputs for each set of routes and determining a shortest route associated with the optimal combinations. The operations may include determining an order in which to load each of the packages into a delivery vehicle. The operations may further include generating instructions for causing a device to display a visual representation of the loading order.

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