

(51) International Patent Classification:
A63G 1/00 (2006.01)(21) International Application Number:
PCT/US2013/069019(22) International Filing Date:
8 November 2013 (08.11.2013)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/723,555 7 November 2012 (07.11.2012) US(71) Applicant: OCEANEERING INTERNATIONAL, INC.
[US/US]; 11911 FM 529, Houston, TX 77041-3000 (US).

(72) Inventors: BOSHEARS, Michael, Wayne; 7319 Ripley Court, Orlando, FL 32836 (US). GRANT, Andrew, Scott; 409 Duff Drive, Winter Green, FL 34787 (US). HASS, Frank, Peter; 13326 Roskin Lane, Windermere, FL 34786 (US). RUSSELL, Jr., Michael, David; 410 E. Muriel Street, Orlando, FL 32806 (US).

(74) Agents: ANGERT, Michael, I. et al.; McKenna Long & Aldridge LLP, 1900 K Street NW, Washington, DC 20006 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,

BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))
- the filing date of the international application is within two months from the date of expiration of the priority period (Rule 26bis.3)

(54) Title: METHOD OF MANAGING LOADING, UNLOADING, AND ROUTING OF TRACKLESS VEHICLES AND SYSTEM USING THE SAME

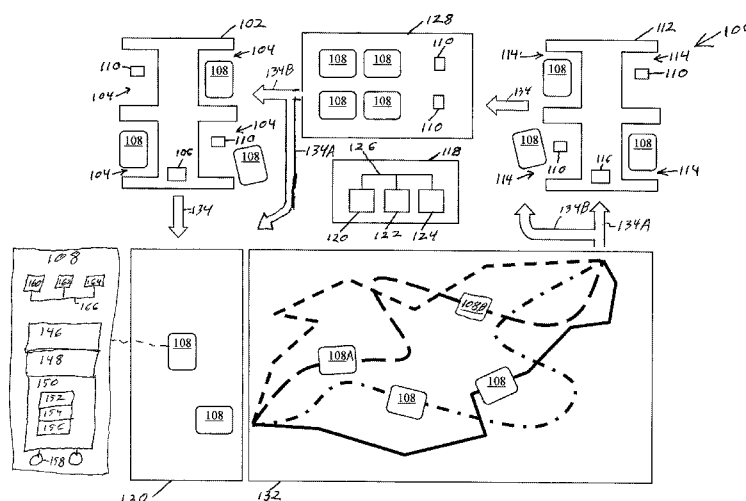


FIG. 1

(57) Abstract: Method and system of determining if a predetermined amount of time has passed since dispatch of a first one of the plurality of trackless vehicles onto one of a predefined plurality of intersecting paths. If the predetermined amount of time has passed, determining if a second one of the plurality of trackless vehicles was available for dispatch onto the predefined path or another predefined path. If the second trackless vehicle was available for dispatch, dispatching the second trackless vehicle, and if the second trackless vehicle was not available for dispatch, dispatching a third one of the trackless vehicles onto the predefined path or another predefined path. The predetermined amount of time may be calculated based on a time interval on which the trackless vehicles are dispatched onto the predefined plurality of paths.