



(51) International Patent Classification:
A63G 31/00 (2006.01)

(21) International Application Number:
PCT/US2024/027516

(22) International Filing Date:
02 May 2024 (02.05.2024)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
63/506,330 05 June 2023 (05.06.2023) US
18/642,486 22 April 2024 (22.04.2024) US

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(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, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, 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, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(54) Title: REAL-TIME PROXIMITY OPERATION AND OBJECT HANDOFF IN A RIDE/SHOW ENVIRONMENT

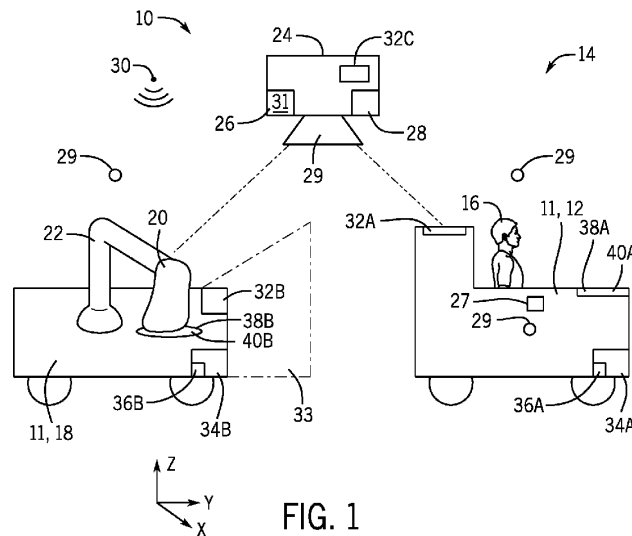


FIG. 1

(57) Abstract: A show-ride system includes a first moveable component configured to couple with and support a show structure; a second moveable component configured to couple with and support the show structure; and a manipulator of the first moveable component, wherein the manipulator transfers the show structure from the first moveable component to the second moveable component. The show-ride system also includes detection circuitry to determine an initial position of the first moveable component and an initial position of the second moveable component. The show-ride system also includes a positional controller configured to determine adjustments to the initial position of the first moveable component and/or the initial position of the second moveable component and provide instructions regarding the adjustments to the first moveable component and/or the second moveable component for a transfer of the show structure while the first moveable component, the second moveable component, or both are in motion.

[Continued on next page]

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, 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, ME, 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).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

- *with international search report (Art. 21(3))*
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