

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
04 November 2021 (04.11.2021)



(10) International Publication Number
WO 2021/222099 A1

(51) International Patent Classification:

A63G 31/02 (2006.01) A63G 31/16 (2006.01)
A63G 31/10 (2006.01)

(21) International Application Number:

PCT/US2021/029154

(22) International Filing Date:

26 April 2021 (26.04.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/016,019 27 April 2020 (27.04.2020) US
17/239,105 23 April 2021 (23.04.2021) 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, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD,

(54) Title: DARK RIDE TOWER SYSTEMS HAVING STATIONARY AND ADAPTABLE ROOMS

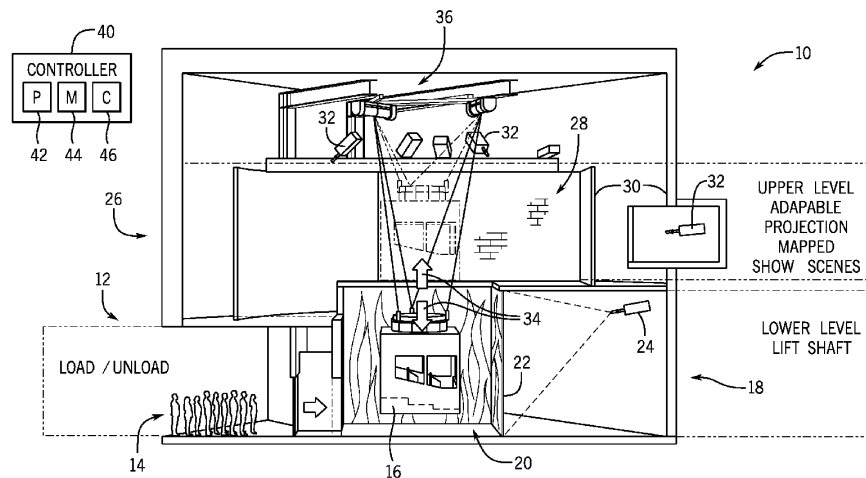


FIG. 1

(57) Abstract: A dark ride tower system (10) includes a tower having first and second levels (18, 26). The first level (18) includes a stationary room (20) having stationary walls (22) and the second level (26) includes an adaptable room (28) having adaptable walls (30) configured to be rearranged into a plurality of physical configurations. The dark ride tower system (10) also includes a lift system (36) configured to alternately move a ride vehicle (16) between the first and second levels (18, 26). In addition, the dark ride tower system (10) includes a first projection system (24) configured to generate projection mapping on the stationary walls (22) to simulate movement of the ride vehicle (16) relative to the stationary room (20) while the ride vehicle (16) is disposed within the stationary room (20). The dark ride tower system (10) also includes a second projection system (32) configured to generate projection mapping on the adaptable walls (30) to present a show scene while the ride vehicle (16) is disposed within the adaptable room (28).

[Continued on next page]

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, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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, 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, 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))*
 - *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))*
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