

(43) International Publication Date
23 September 2021 (23.09.2021)

(51) International Patent Classification:

<i>A63G 31/00</i> (2006.01)	<i>A63J 21/00</i> (2006.01)
<i>A63J 5/02</i> (2006.01)	<i>A63G 31/16</i> (2006.01)

(71) **Applicant:** **UNIVERSAL CITY STUDIOS LLC**
[US/US]; 100 Universal City Plaza, Universal City, California 91608 (US).

(21) International Application Number:

PCT/US2021/021477

(72) **Inventor: BRISTER, Michael Keith;** 1000 Universal Studios Plaza, Orlando, Florida 32819 (US).

(22) International Filing Date:

09 March 2021 (09.03.2021)

(74) Agent: **POWELL, W. Allen** et al.; P.O. Box 692289,
Houston, Texas 77269 (US).

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/991,953	19 March 2020 (19.03.2020)	US
17/166,784	03 February 2021 (03.02.2021)	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, 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, 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,

(54) Title: VANISHING ILLUSION SYSTEM

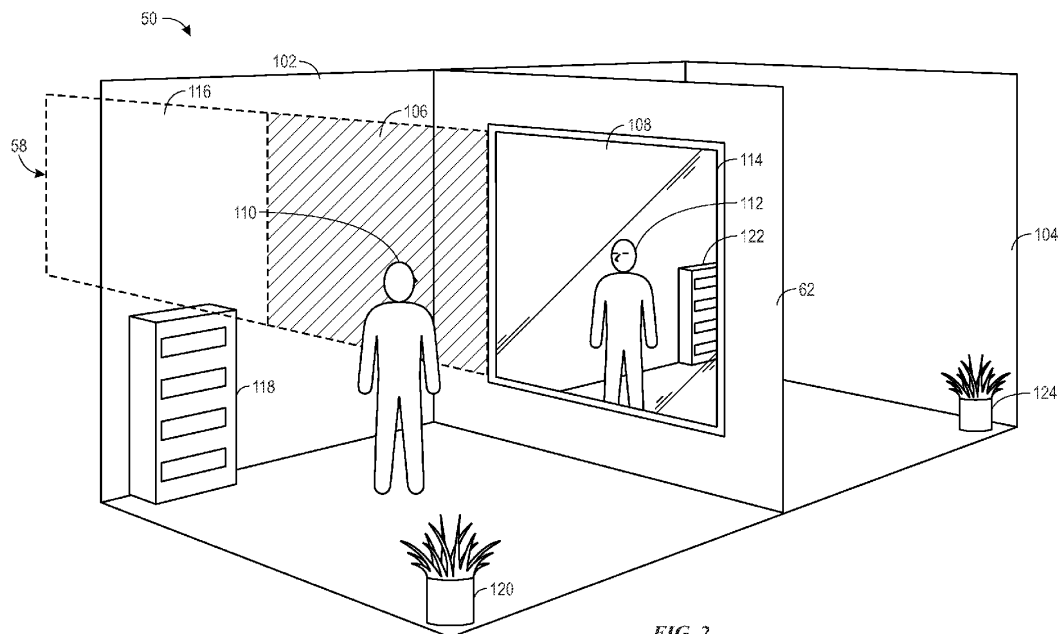


FIG. 2

(57) **Abstract:** Systems and method for generating a vanishing illusion special effect are provided. One approach involves two rooms that mirror each other and are separated by a wall. The wall includes a frame through which the transition glass is configured to move. The transition glass includes a mirrored portion and a transparent portion. A controller may instruct an actuator to move the transition glass such that the mirrored portion is in alignment or out of alignment relative to the frame. In a further embodiment, a first ride vehicle and a second ride vehicle mirror each other and are separated by a transition glass that also includes a mirrored portion and a transparent portion. A controller may regulate the movement of the first ride vehicle and the second ride vehicle from a position in alignment to a position out of alignment relative to the mirrored portion or the transparent portion.

[Continued on next page]

WO 2021/188322 A1

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))*