

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
05 August 2021 (05.08.2021)



(10) International Publication Number
WO 2021/154581 A1

(51) International Patent Classification:
A63J 5/02 (2006.01)

(21) International Application Number:
PCT/US2021/014425

(22) International Filing Date:
21 January 2021 (21.01.2021)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
16/779,148 31 January 2020 (31.01.2020) US

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

(72) Inventor: KRAUTHAMER, Akiva Meir; 1000 Universal Studios Plaza, Orlando, Florida 32819 (US).

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

(54) Title: CORRELATIVE EFFECT AUGMENTED REALITY SYSTEM AND METHOD

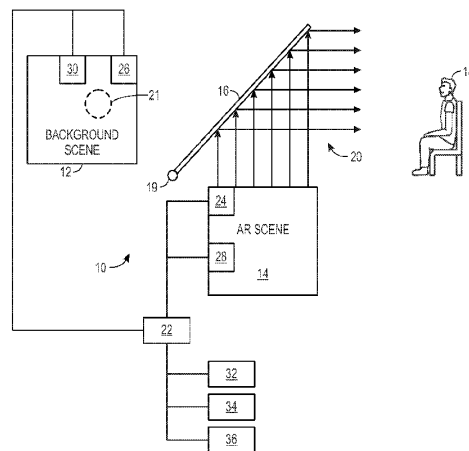


FIG. 1

(57) Abstract: An augmented reality system includes a first scene and a second scene. Further, the augmented reality system includes a partially reflective surface positioned relative to the first scene, the second scene, and an audience to facilitate viewing of one of the first scene or the second scene through the partially reflective surface and to facilitate reflection of the other of the first scene or the second scene toward the audience as augmented reality imagery. A sensor of the augmented reality system is designed to detect and generate data indicative of a characteristic of the first scene, and a correlative effect system is operable to receive the data and adjust the second scene based thereon.

[Continued on next page]

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))*