

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
07 April 2022 (07.04.2022)



(10) International Publication Number
WO 2022/072161 A1

(51) International Patent Classification:

A63F 13/79 (2014.01) A63F 13/213 (2014.01)
A63F 13/65 (2014.01) A63F 13/216 (2014.01)
A63F 13/533 (2014.01) A63F 13/218 (2014.01)
A63G 31/00 (2006.01)

(21) International Application Number:

PCT/US2021/051085

(22) International Filing Date:

20 September 2021 (20.09.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/084,893 29 September 2020 (29.09.2020) US
17/397,730 09 August 2021 (09.08.2021) US

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

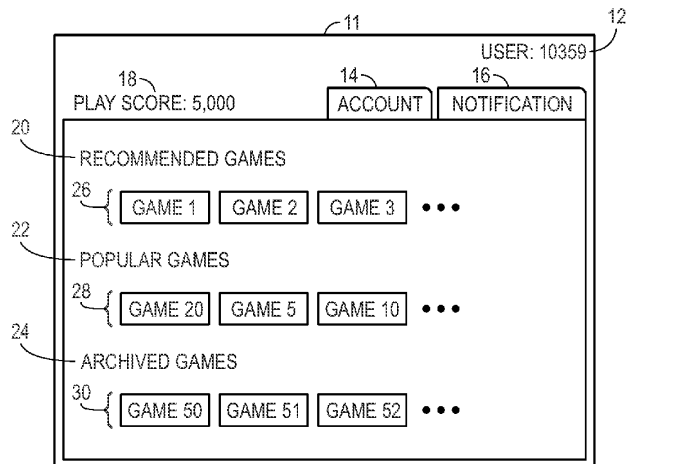
(72) Inventors: **PUGLISI, Nicholas Anthony**; 1000 Universal Studios Plaza, Orlando, Florida 32819 (US). **LUGO, Victor Alexander**; 1000 Universal Studios Plaza, Orlando, Florida 32819 (US).

(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,

(54) Title: GUEST-FACING GAME INFORMATION MANAGEMENT SYSTEMS AND METHODS

FIG. 1



(57) Abstract: An integrated game play system includes a game play platform, an amusement park, and a controller. The game play platform provides access to multiple games and the amusement park includes an attraction including one or more attraction features. Moreover, the controller detects presence of a guest on the game play platform and/or at the attraction, identifies the guest, and determines guest data based on the identification of the guest. In response to determining the guest data, the controller determines a modification to an organization of the multiple games on a display interface of the game play platform and/or a modification to the one or more attraction features (e.g., an animation, a lighting effect, and/or a sound effect), based on the guest data. The controller also sends a control signal indicative of the modification to the game play platform and/or the modification of the one or more attraction features.

[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))*