

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
12 December 2024 (12.12.2024)



(10) International Publication Number
WO 2024/254486 A3

(51) International Patent Classification:

A63F 13/219 (2014.01) A63F 13/428 (2014.01)
A63F 13/235 (2014.01) A63F 13/837 (2014.01)
A63F 13/27 (2014.01)

(21) International Application Number:

PCT/US2024/033060

(22) International Filing Date:

07 June 2024 (07.06.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/472,147 09 June 2023 (09.06.2023) US
18/678,535 30 May 2024 (30.05.2024) US

(71) Applicant: UNIVERSAL CITY STUDIOS LLC

[US/US]; 100 Universal City Plaza, Universal City, California 91608 (US).

(72) Inventors: **YEH, Wei Cheng**; 1000 Universal Studios Plaza, Orlando, Florida 32819 (US). **RODGERS, Rachel Elise**; 1000 Universal Studios Plaza, Orlando, Florida 32819 (US). **LEE, Christina Corrine**; 1000 Universal Studios Plaza, Orlando, Florida 32819 (US).

(74) Agent: **CROWE, Laura C.** 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, 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: SYSTEM AND METHOD FOR OPERATIONAL MANAGEMENT OF WIRELESS DEVICE

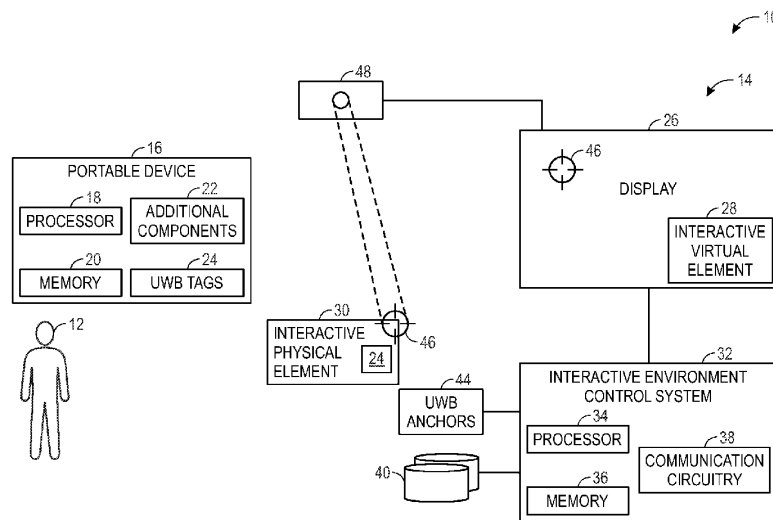


FIG. 1

(57) Abstract: A portable device aim identification system includes a display screen, a transceiver, a portable device, and an interactive device system. The portable device includes multiple antennas. The transceiver, which is separate from the portable device, is configured coordinate with the multiple antennas of the portable device to generate data based on signals communicated between the transceiver and the multiple antennas. The interactive device system functions to track position and/or orientation of the portable device based on the data, identify an aim location of the portable device based on the position and/or orientation of the portable device, and control the display screen to present a graphic at the aim location in response to the aim location being on the display screen.

[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))*
- *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))*

(88) Date of publication of the international search report:

09 January 2025 (09.01.2025)