

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
03 August 2023 (03.08.2023)



(10) International Publication Number
WO 2023/146921 A1

(51) International Patent Classification:

H05B 35/00 (2006.01) *H01J 37/32* (2006.01)
F21S 4/00 (2016.01) *A63G 31/00* (2006.01)

(21) International Application Number:

PCT/US2023/011548

(22) International Filing Date:

25 January 2023 (25.01.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

17/585,236 26 January 2022 (26.01.2022) US

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

(72) Inventors: **HALL, Gregory, Shellman**; 1000 Universal
Studios Plaza, Orlando, FL 32819 (US). **BRUNO,**
Dante, Lamar; 1000 Universal Studios Plaza, Orlando, FL
32819 (US). **ROSSETT, Matthew, Robert**; 1000 Universal
Studios Plaza, Orlando, FL 32819 (US). **MIGLIACCI,**

Rachel, Nicole; 1000 Universal Studios Plaza, Orlando, FL
32819 (US).

(74) Agent: **POWELL, W., Allen** et al.; P.O. Box 692289,
Houston, TX 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, 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, CV,
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,

(54) Title: SYSTEMS AND METHODS FOR PROVIDING A SHOW EFFECT FOR AN ATTRACTION SYSTEM

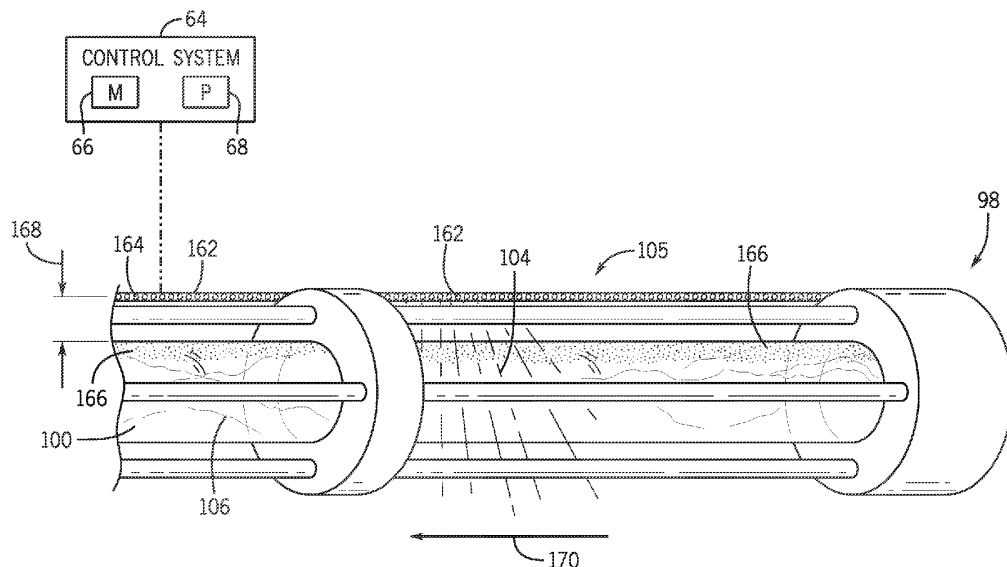


FIG. 4

(57) Abstract: A show effect system may include a plasma tube configured to generate an electric arc within the plasma tube and a light strip extending along the plasma tube. The light strip may include a plurality of light emitters configured to output light through the plasma tube and backlight the electric arc generated by the plasma tube.

[Continued on next page]

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))*