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(71) Applicant: UNIVERSAL CITY STUDIOS LLC

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

(72) Inventors: JEROMIN, Aaron Chandler; 1000 Universal Studios Plaza, Orlando, Florida 32819 (US).

KRAUTHAMER, Akiva Meir; 1000 Universal Studios

Plaza, Orlando, Florida 32819 (US). **HERTZLER, Elam Kevin**; 1000 Universal Studios Plaza, Orlando, Florida 32819 (US). **RAIJ, Andrew Brian**; 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).

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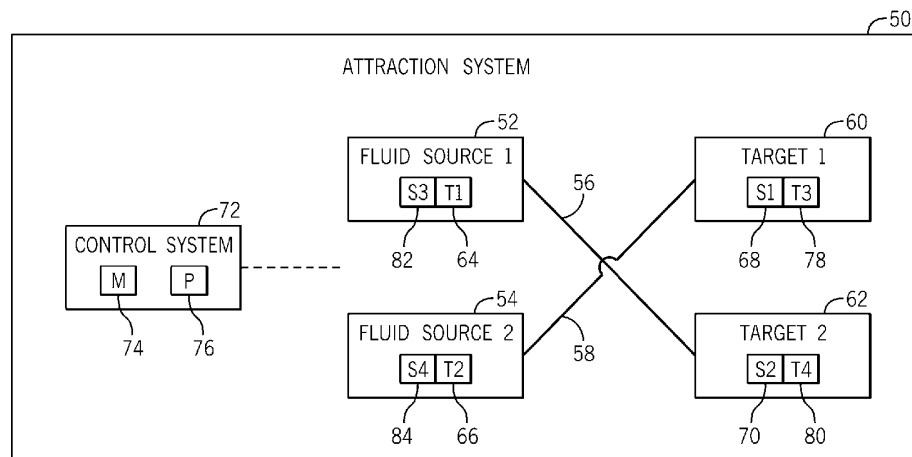


FIG. 1

(57) Abstract: An attraction system 50 includes a fluid source 52, 54 configured to emit a fluid stream 56, 58 with a geometry that facilitates internal reflection, a transmitter 64, 66 configured to transmit a signal through the fluid stream 56, 58 such that the signal is enclosed in the fluid stream 56, 58 via internal reflection and the signal comprises a parameter, a sensor 68, 70 configured to receive the signal via the fluid stream 56, 58 and provide data indicative of the parameter, and a control system 72 communicatively coupled to the sensor 68, 70. The control system includes a processor 76 and a memory 74, and the memory 74 includes instructions that cause the processor 76 to receive the data indicative of the parameter from the sensor 68, 70, and operate the attraction system 50 based on the parameter.

[Continued on next page]

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