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

(72) Inventor: **CLARK, Benjamin Robert**; 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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(54) Title: INTRUSION LIMITING SYSTEM AND METHOD

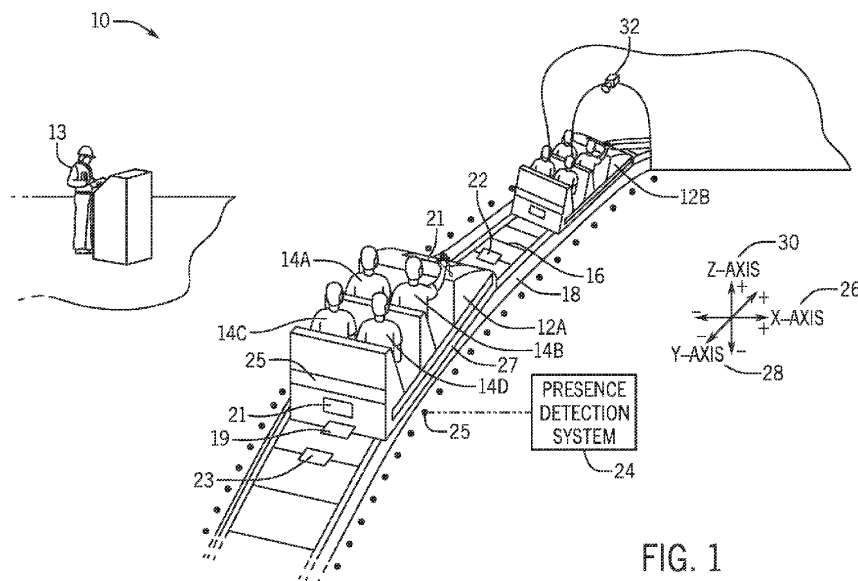


FIG. 1

(57) Abstract: A presence detection system includes a presence detection field of an amusement park attraction, multiple transmitters, multiple receivers, and a controller. The multiple transmitters send multiple light beams of multiple wavelengths and the multiple receivers receive the multiple light beams of the multiple wavelengths. The controller receives input from the multiple transmitters and receivers and determines presence of an object in the presence detection field based on an interruption of the multiple light beams as indicated by the input. The controller also determines reflected light beams of the multiple wavelengths, absorbed light beams of the multiple wavelengths, or both, based on the input. The controller determines the object as a known object or an unknown object based at least in part on the reflected light beams, the absorbed light beams, or both.

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