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(71) Applicant: **LYFT, INC.** [US/US]; 185 Berry St., Suite 5000, San Francisco, California 94107 (US).

(72) Inventors: **XUE, Han Han**; 185 Berry St., Suite 5000, San Francisco, California 94107 (US). **GUO, Jisi**; 185 Berry St., Suite 5000, San Francisco, California 94107 (US). **DILL, Katherine Marisa**; 185 Berry St., Suite 5000, San Francisco, California 94107 (US). **JESSEN, Johan Ulrich Lewin**; 185 Berry St., Suite 5000, San Francisco, California 94107 (US). **LIU, Audrey**; 185 Berry St., Suite 5000, San Francisco, California 94107 (US). **PANICHEV, Oleg Vadim**; 185 Berry St., Suite 5000, San Francisco, California 94107

(US). **RASMUSSEN, Robert Earl**; 185 Berry St., Suite 5000, San Francisco, California 94107 (US).

(74) Agent: **LEE, Jonathan**; 222 South Main Street #500, Salt Lake City, Utah 84101 (US).

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(54) Title: SYSTEMS AND METHODS FOR DISPLAYING AUTONOMOUS VEHICLE ENVIRONMENTAL AWARENESS

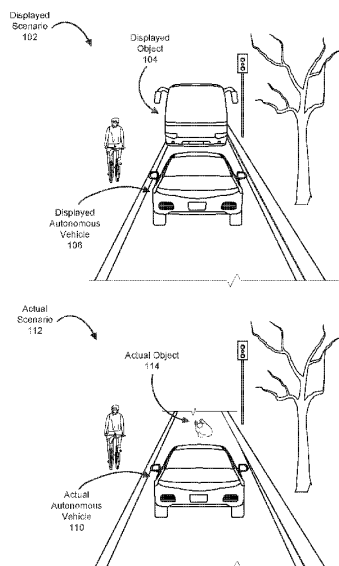


FIG. 1

(57) Abstract: The disclosed computer-implemented method may include displaying vehicle environment awareness. In some embodiments, a visualization system may display an abstract representation of a vehicle's physical environment via a mobile device and/or a device embedded in the vehicle. For example, the visualization may use a voxel grid to represent the environment and may alter characteristics of shapes in the grid to increase their visual prominence when the sensors of the vehicle detect that an object is occupying the space represented by the shapes. In some embodiments, the visualization may gradually increase and reduce the visual prominence of shapes in the grid to create a soothing wave effect. Various other methods, systems, and computer-readable media are also disclosed.

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