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(43) **Pub. Date: Nov. 10, 2022**(54) **STATE RETENTION LOAD CONTROL SYSTEM****Publication Classification**(71) Applicant: **Lutron Technology Company LLC**,
Coopersburg, PA (US)(51) **Int. Cl.****H02J 3/14** (2006.01)**H05B 47/19** (2006.01)**H05B 47/20** (2006.01)(72) Inventors: **Ankit Bhutani**, Bethlehem, PA (US);
Matthew Knauss, Somerville, MA (US); **Timothy Mann**, Quakertown, PA (US); **Michael W. Pessina**, Allentown, PA (US); **David T. Saveri, III**, Nazareth, PA (US); **Matthew J. Swatsky**, Allentown, PA (US)(52) **U.S. Cl.**CPC **H02J 3/14** (2013.01); **H05B 47/19** (2020.01); **H05B 47/20** (2020.01)(73) Assignee: **Lutron Technology Company LLC**,
Coopersburg, PA (US)(21) Appl. No.: **17/875,013**(22) Filed: **Jul. 27, 2022****Related U.S. Application Data**

(63) Continuation of application No. 16/670,960, filed on Oct. 31, 2019, now Pat. No. 11,437,814, which is a continuation-in-part of application No. 15/641,933, filed on Jul. 5, 2017, now Pat. No. 10,772,180.

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(57) **ABSTRACT**

A device may detect a power removal event, determine whether the power removal event is a local power removal event or a system power removal event, and perform state correction. For example, the device may receive an indication of a state change event turning on the lighting device. The indication may be received from a sensor. For example, the sensor may include a photosensing circuit (e.g., capable of detecting light emission from the lighting device) or the sensor may include a live voltage sensor (e.g., capable of detecting a change in current driven to the lighting device). The device may then determine whether the power removal event is a system power removal event or a local power removal event. If the device determines that the power removal event is a system power removal event, the device may perform state correction (e.g., setting the lighting device to its state prior to the power removal event).

