

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
BEFORE THE PATENT TRIAL AND APPEAL BOARD**

**PRIME WIRE & CABLE, INC.** )  
)  
**Petitioner,** )  
)  
**v.** )  
)  
**CANTIGNY LIGHTING** )  
**CONTROL, LLC.** )  
)  
**Patent owner** )  
)  
**JASCO PRODUCTS, INC.** )  
)  
**Licensee** )

**Case: IPR2018-01592  
Patent No.: 9,320,122**

**EXHIBIT 1016**



US009320122B2

(12) **United States Patent King**

(10) **Patent No.: US 9,320,122 B2**  
(45) **Date of Patent: Apr. 19, 2016**

(54) **PROGRAMMABLE LIGHT TIMER AND A METHOD OF IMPLEMENTING A PROGRAMMABLE LIGHT TIMER**

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(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **14/944,302**

(22) Filed: **Nov. 18, 2015**

(65) **Prior Publication Data**

US 2016/0081170 A1 Mar. 17, 2016

**Related U.S. Application Data**

(62) Division of application No. 14/066,724, filed on Oct. 30, 2013, now Pat. No. 9,226,373.

(51) **Int. Cl.**  
**H05B 37/02** (2006.01)

(52) **U.S. Cl.**  
CPC ..... **H05B 37/0281** (2013.01)

(58) **Field of Classification Search**  
CPC ..... H05B 37/0281  
USPC ..... 315/292, 360  
See application file for complete search history.

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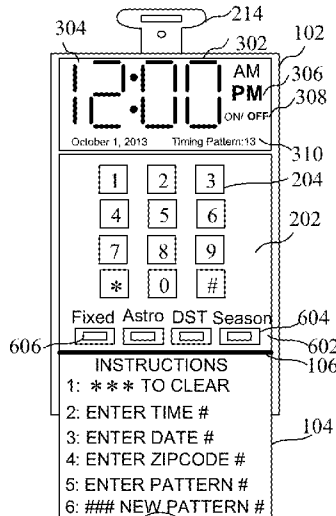
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*Primary Examiner* — Don Le

(57) **ABSTRACT**

A programmable light timer for implementing a timing pattern is described. The programmable light timer comprises an actuator on a user interface of the programmable light timer enabling a selection of a time for the programmable light timer; a control circuit coupled to the actuator; a display coupled to the control circuit, wherein a time selected by the actuator is provided on the display; a first button on the user interface of the programmable light timer, wherein the first button is programmable to have an on time; and a second button on the user interface of the programmable light timer, wherein the second button is programmable to have an off time. A method of implementing a timing pattern on a programmable light timer is also described.

**20 Claims, 18 Drawing Sheets**



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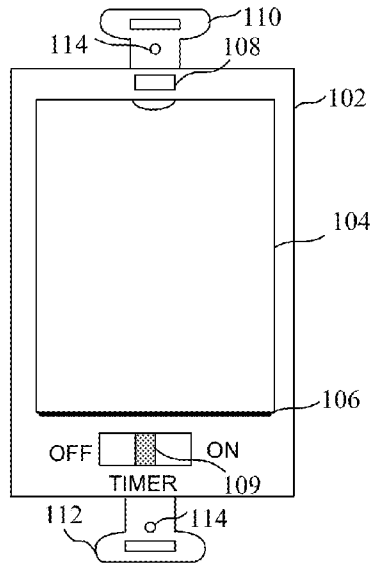


FIG. 1

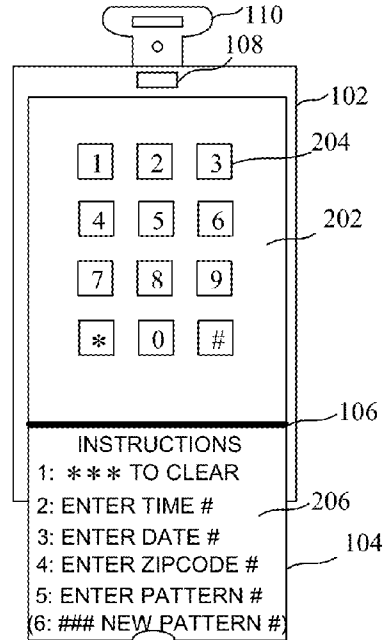


FIG. 2

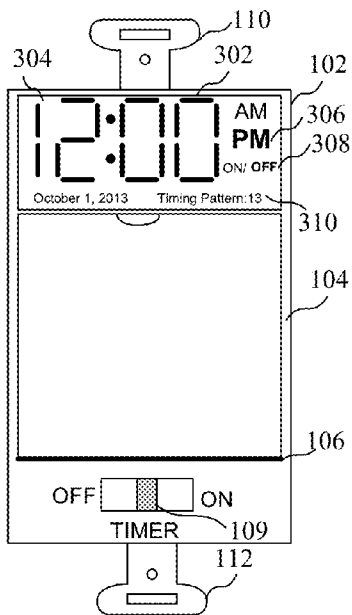


FIG. 3

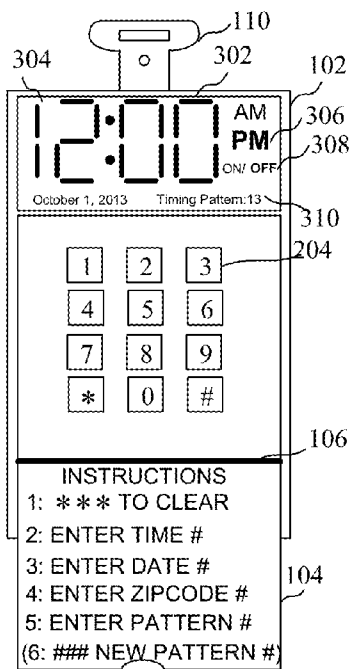


FIG. 4

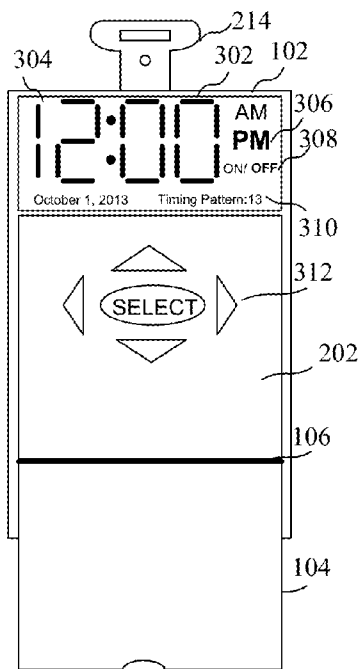


FIG. 5

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