

**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**



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(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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**H05B 37/02** (2006.01)

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

(58) **Field of Classification Search**  
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See application file for complete search history.

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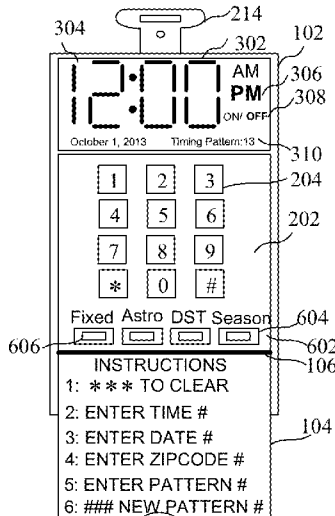
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*Primary Examiner* — Don Le

(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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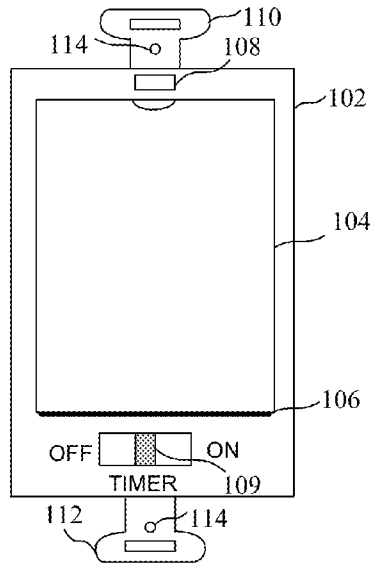


FIG. 1

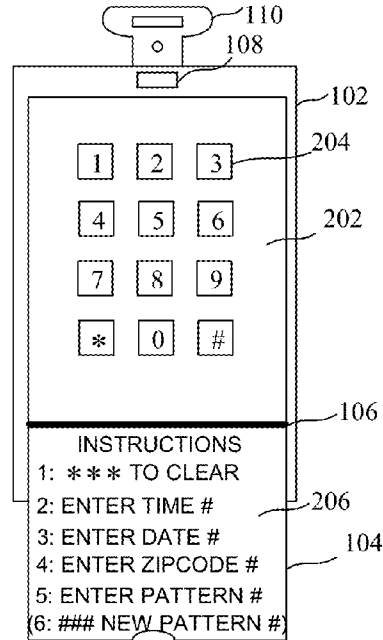


FIG. 2

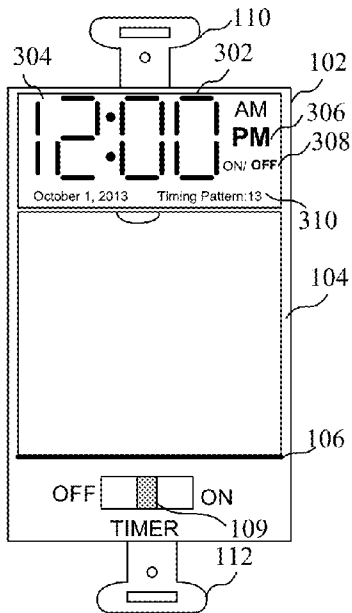


FIG. 3

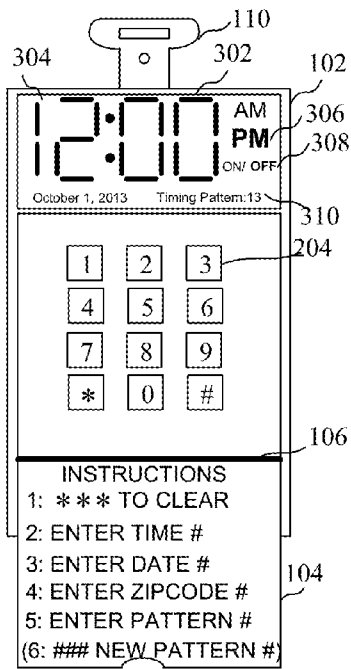


FIG. 4

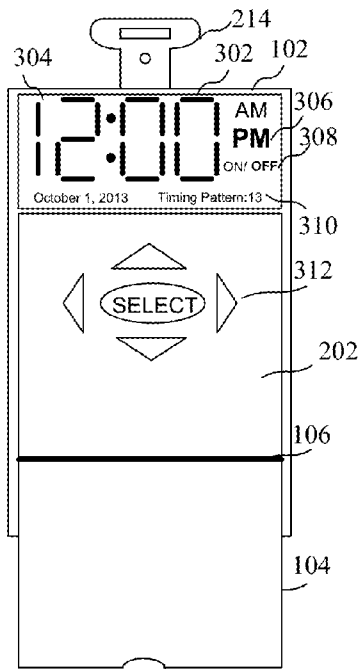


FIG. 5

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