

**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 1039**



US009888551B1

(12) **United States Patent**  
**King**

(10) **Patent No.:** **US 9,888,551 B1**  
(45) **Date of Patent:** **Feb. 6, 2018**

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

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(71) Applicant: **John Joseph King**, Wheaton, IL (US)

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- H04W 4/02** (2009.01)

(57)

**ABSTRACT**

A programmable light timer for implementing a timing pattern is described. The programmable light timer comprises a wireless communication circuit configured to receive, using a wireless communication protocol, a timing pattern and a location from a wireless communication device; and a memory storing the timing pattern and the location; wherein programmable light timer application applies the timing pattern based upon the location received from the wireless communication device. A method of implementing a programmable light timer is also described.

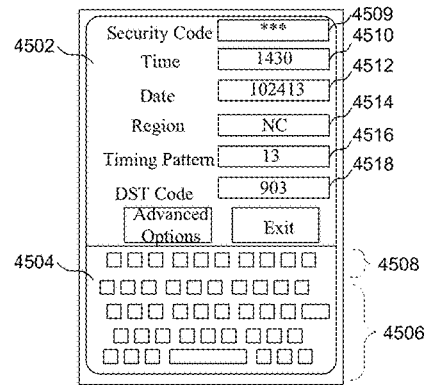
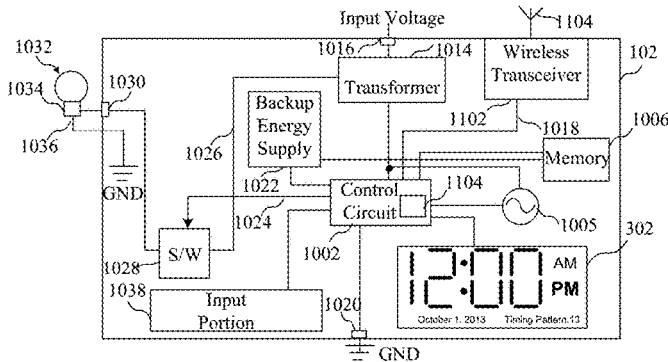
(52) **U.S. Cl.**

CPC ..... **H05B 37/0281** (2013.01); **H04W 4/028** (2013.01); **H05B 37/0227** (2013.01); **H05B 37/0272** (2013.01)

(58) **Field of Classification Search**

None  
See application file for complete search history.

**20 Claims, 18 Drawing Sheets**



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