

**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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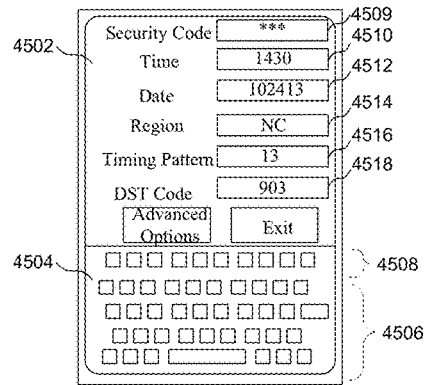
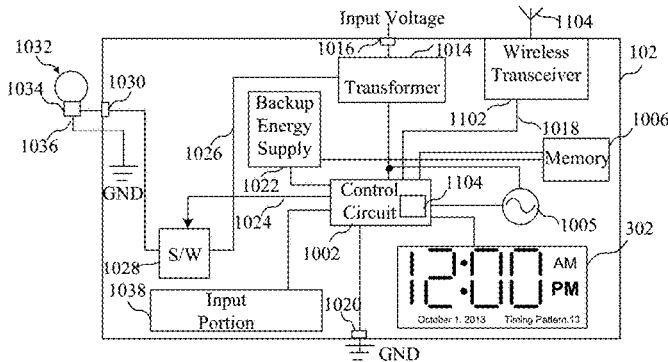
(57) **ABSTRACT**

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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