

**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 1041



US 20170188442A1

(19) **United States**

(12) **Patent Application Publication**
King

(10) **Pub. No.: US 2017/0188442 A1**

(43) **Pub. Date: Jun. 29, 2017**

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

Publication Classification

(51) **Int. Cl.**
H05B 37/02 (2006.01)
(52) **U.S. Cl.**
CPC H05B 37/0281 (2013.01); **H05B 37/0272** (2013.01)

(71) Applicant: **Cantigny Lighting Control, LLC**,
Wheaton, IL (US)

(72) Inventor: **John Joseph King**, Wheaton, IL (US)

(57) **ABSTRACT**

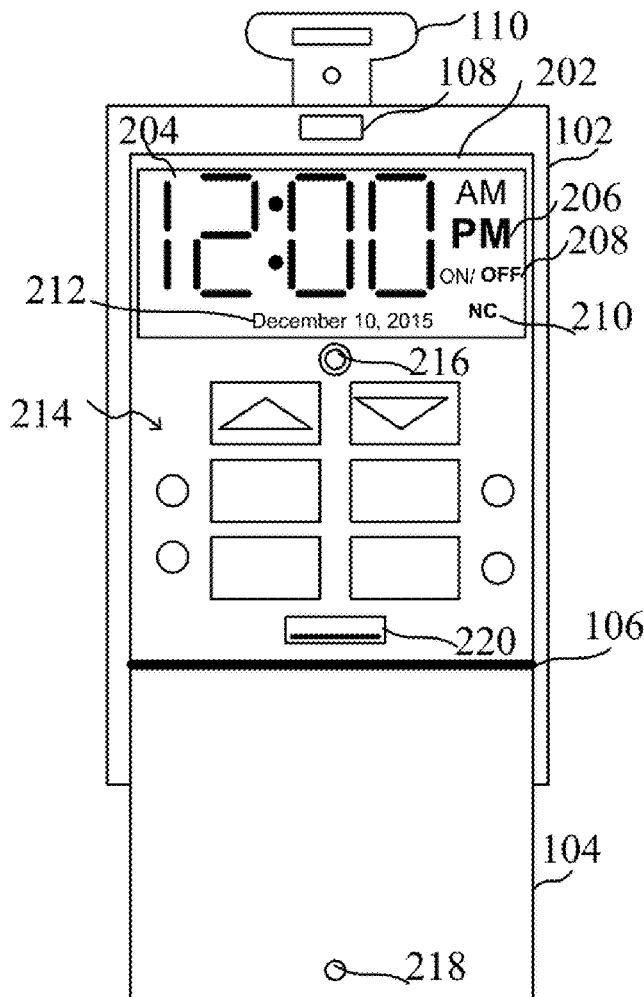
A programmable light timer for implementing a timing pattern is described. The programmable light timer comprises a wireless receiver for receiving a location; a programming interface having one or more actuators enabling a selection of an on time or an off time associated with a programmable button for implementing the timing pattern; and a display responsive to the programming interface for displaying a time selected using the programming interface; wherein the programming interface enables selecting either dusk or dawn as an on time or an off time of the timing pattern.

(21) Appl. No.: **15/390,424**

(22) Filed: **Dec. 23, 2016**

Related U.S. Application Data

(63) Continuation-in-part of application No. 14/979,377, filed on Dec. 27, 2015, Continuation-in-part of application No. 15/239,764, filed on Aug. 17, 2016.



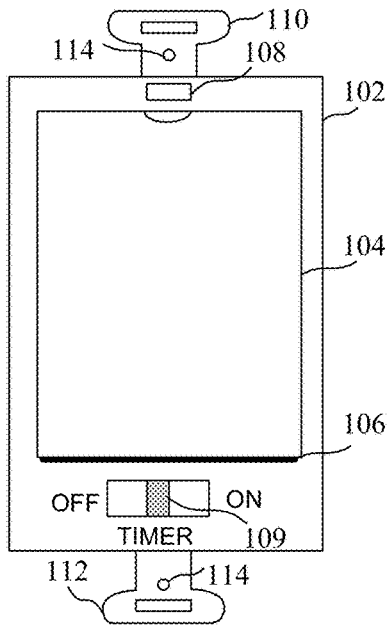


FIG. 1

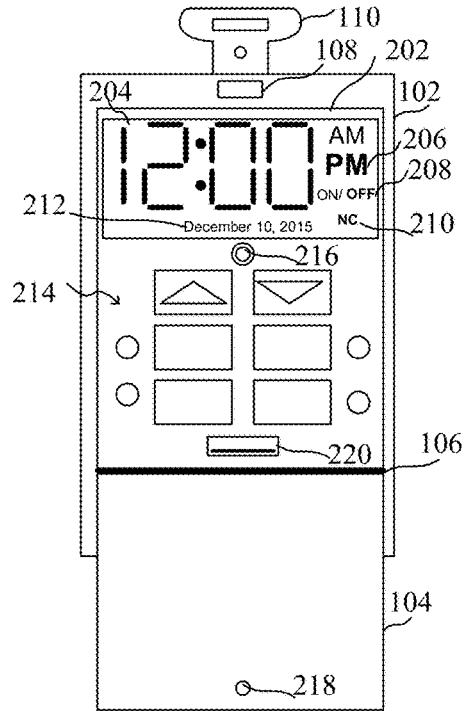


FIG. 2

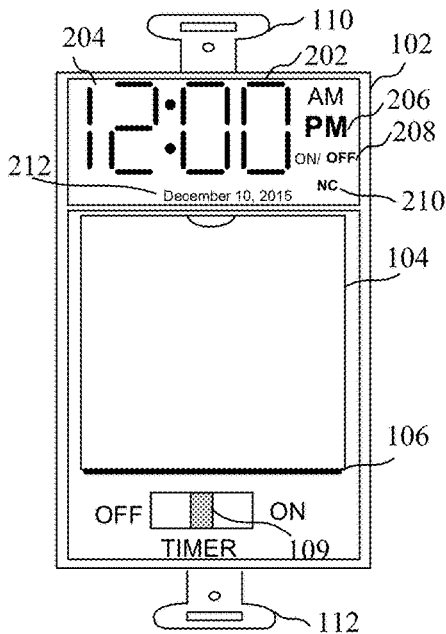


FIG. 3

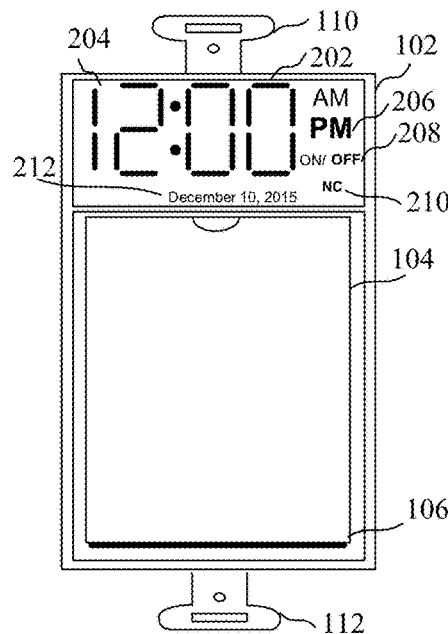


FIG. 4

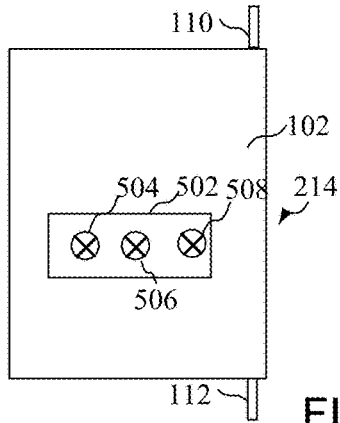


FIG. 5

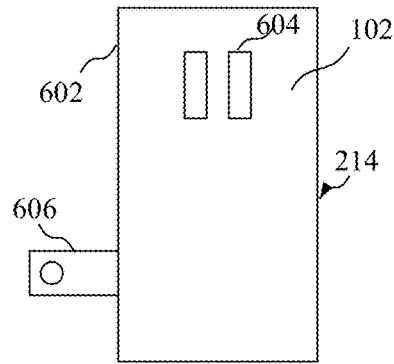


FIG. 6

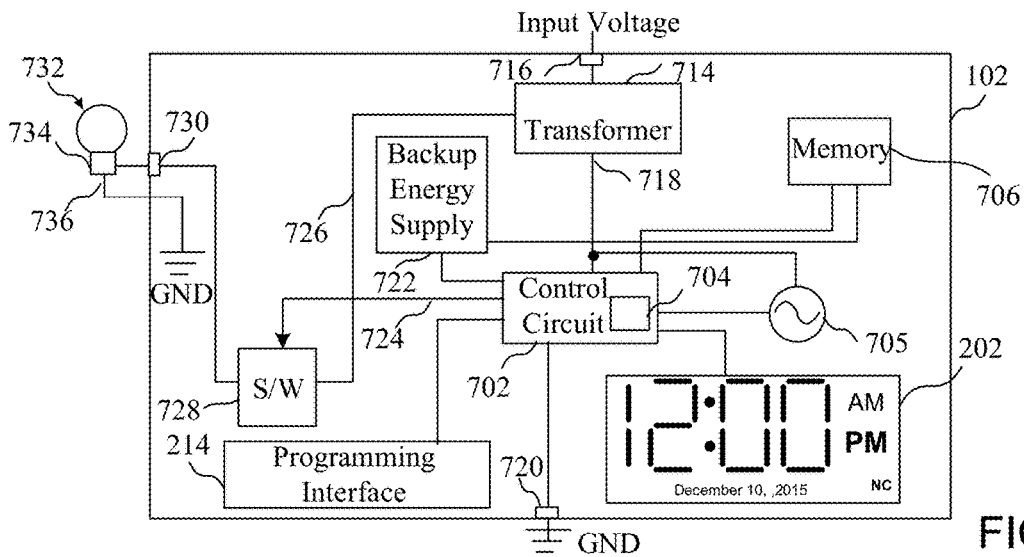


FIG. 7

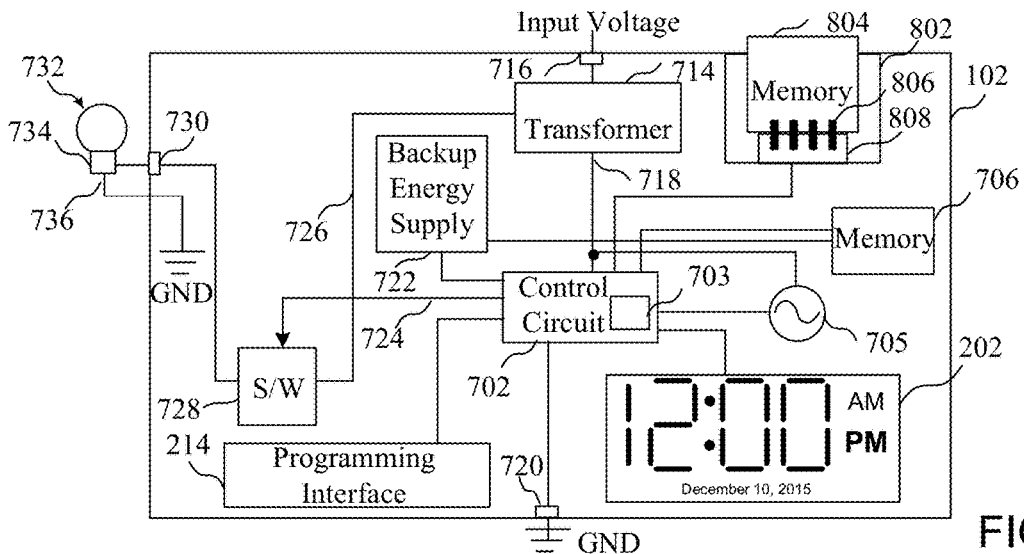


FIG. 8

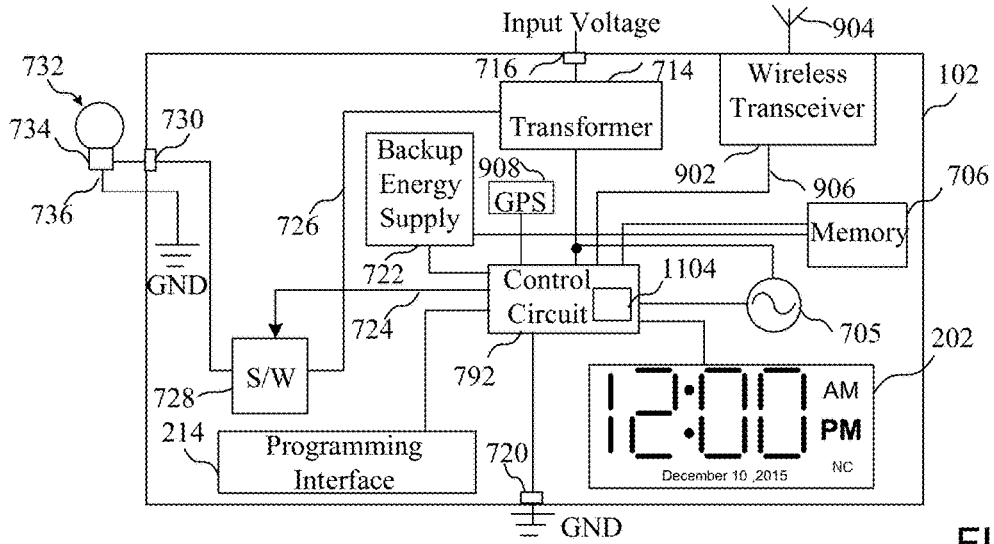


FIG. 9

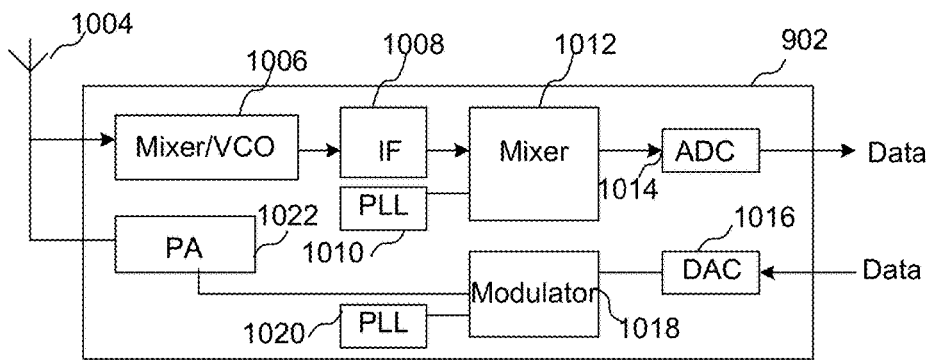


FIG. 10

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.