

**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 1042



US 20180084629A1

(19) **United States**

(12) **Patent Application Publication**
King

(10) **Pub. No.: US 2018/0084629 A1**

(43) **Pub. Date: Mar. 22, 2018**

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

Publication Classification

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

(51) **Int. Cl.**
H05B 37/02 (2006.01)
H04W 4/02 (2009.01)

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

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

(73) Assignee: **Cantigny Lighting Control, LLC**, Wheaton, IL (US)

(21) Appl. No.: **15/822,295**

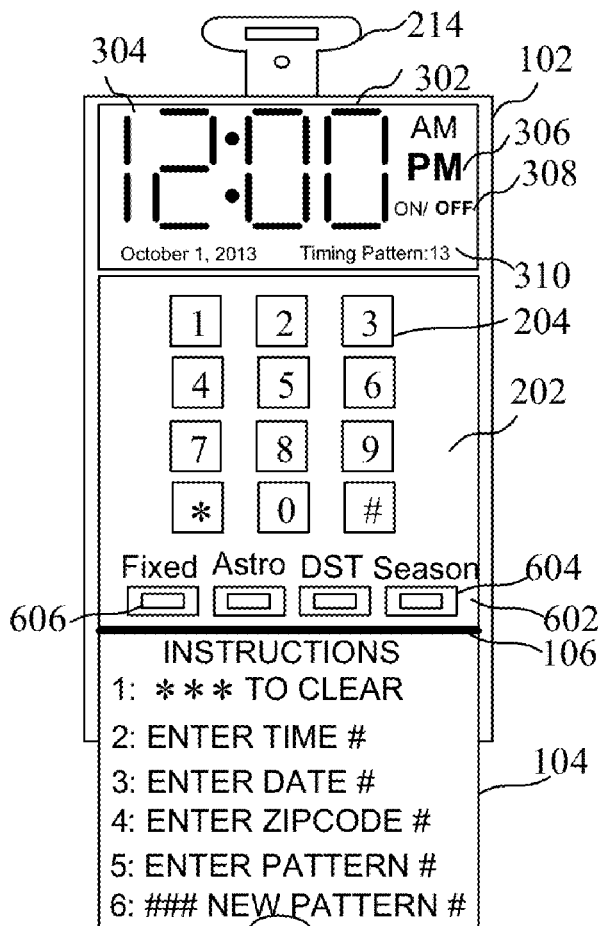
(57) **ABSTRACT**

(22) Filed: **Nov. 27, 2017**

Related U.S. Application Data

(62) Division of application No. 15/131,836, filed on Apr. 18, 2016, now Pat. No. 9,888,551, Division of application No. 14/944,302, filed on Nov. 18, 2015, now Pat. No. 9,320,122, Division of application No. 14/066,724, filed on Oct. 30, 2013, now Pat. No. 9,226,373.

A timer adapted to apply power to a device is described. The timer comprises a first user selectable button of a user interface, wherein the first user selectable button establishes an on time and an off time of a first timing pattern; and a second user selectable button of the user interface, wherein the second user selectable button establishes an on time and an off time of a second timing pattern that is different than the first timing pattern.



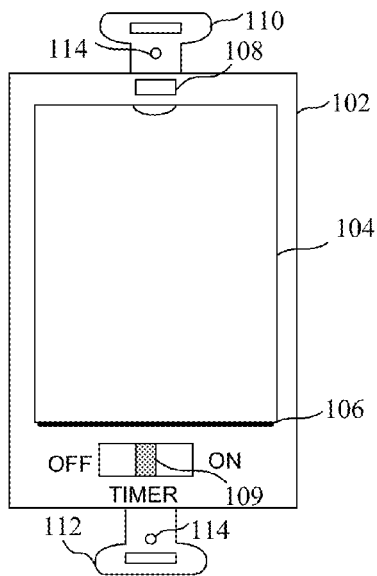


FIG. 1

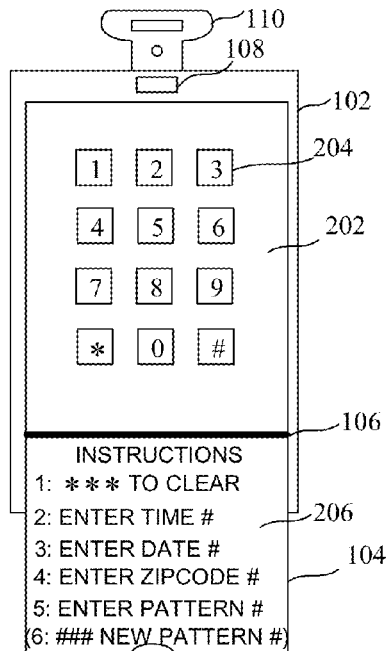


FIG. 2

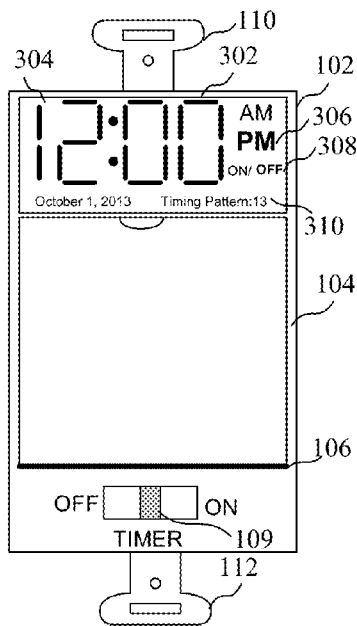


FIG. 3

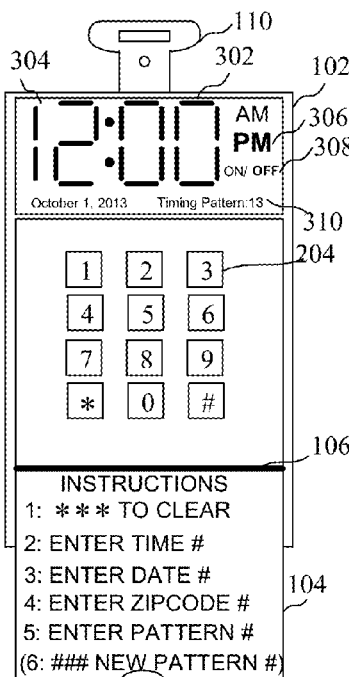


FIG. 4

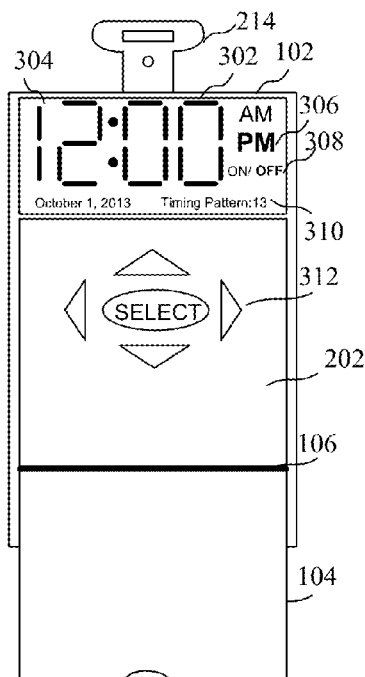
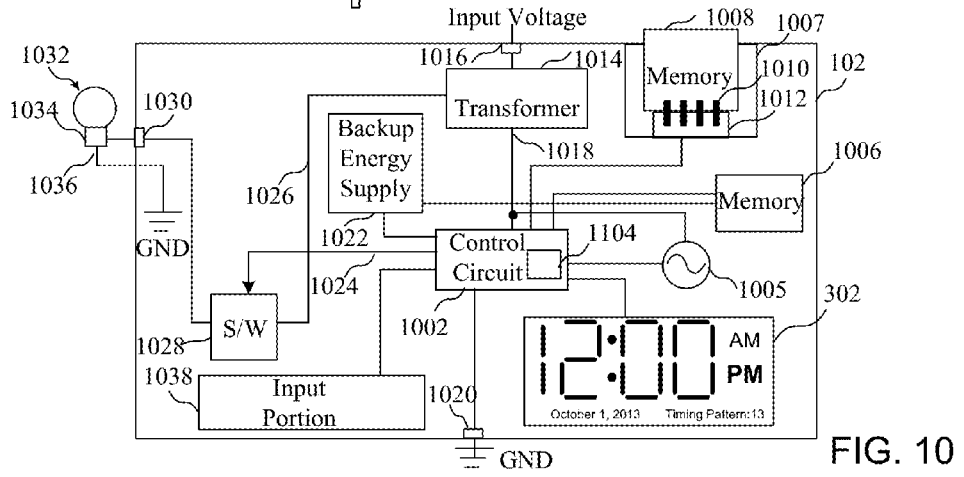
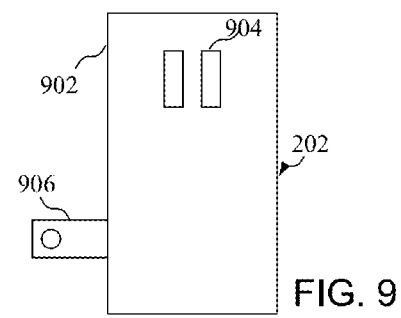
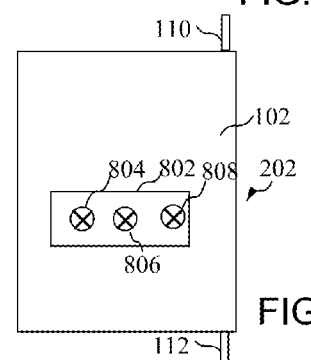
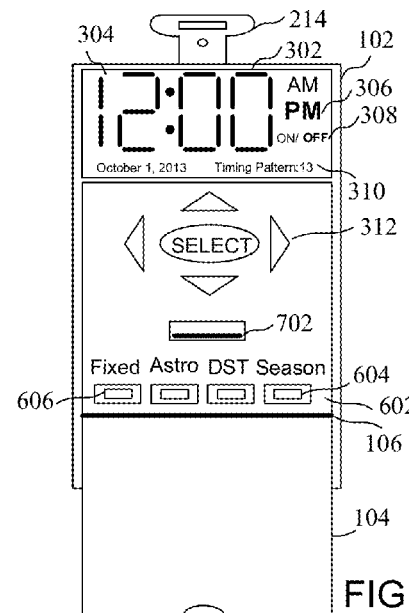
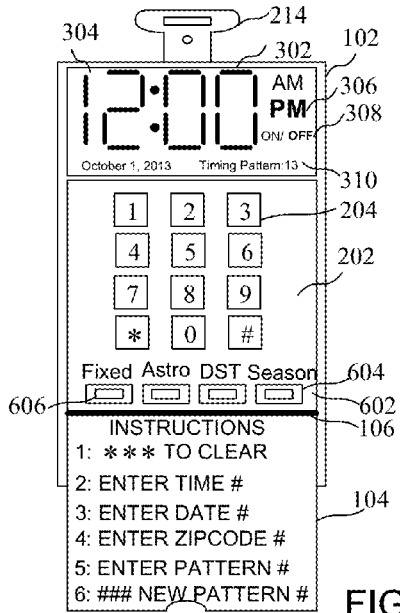


FIG. 5



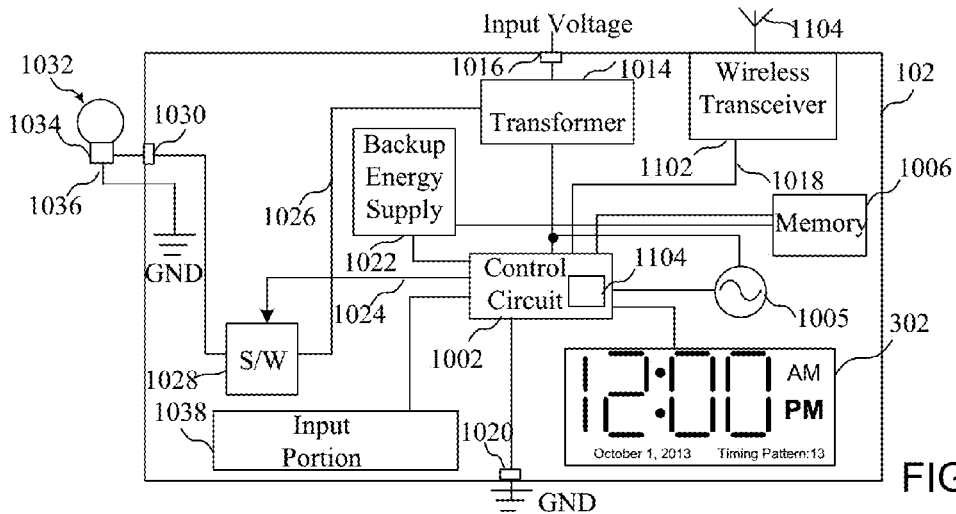


FIG. 11

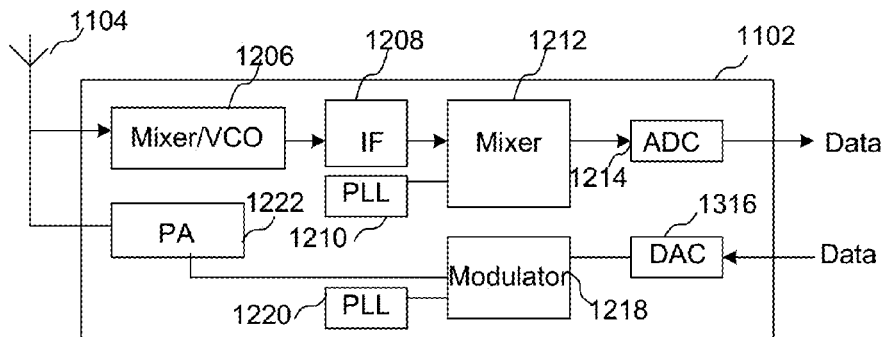


FIG. 12

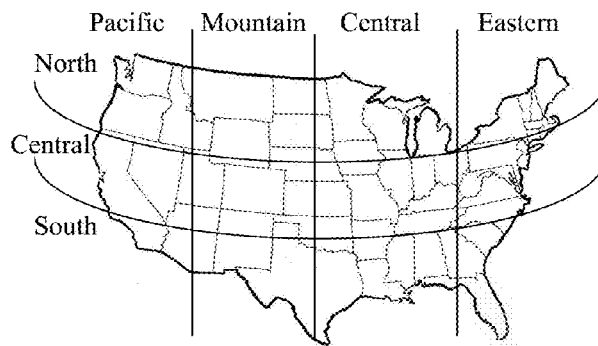


FIG. 13

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