

**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 1050**



US 20150061546A1

(19) **United States**

(12) **Patent Application Publication**  
**STACK et al.**

(10) **Pub. No.: US 2015/0061546 A1**

(43) **Pub. Date: Mar. 5, 2015**

(54) **TWO-OUTLET DIGITAL TIMER**

**Publication Classification**

(71) Applicant: **American Tack & Hardware Co., Inc.**,  
Saddle River, NJ (US)

(51) **Int. Cl.**  
**G04G 15/00** (2006.01)  
**H01R 13/70** (2006.01)

(72) Inventors: **Michael STACK**, Wanaque, NJ (US);  
**Grady SCHENCK**, Walden, NY (US);  
**Eric CHEN**, Ningbo City (CN)

(52) **U.S. Cl.**  
CPC ..... **G04G 15/006** (2013.01); **H01R 13/70**  
(2013.01)  
USPC ..... **315/360; 307/115**

(21) Appl. No.: **14/472,308**

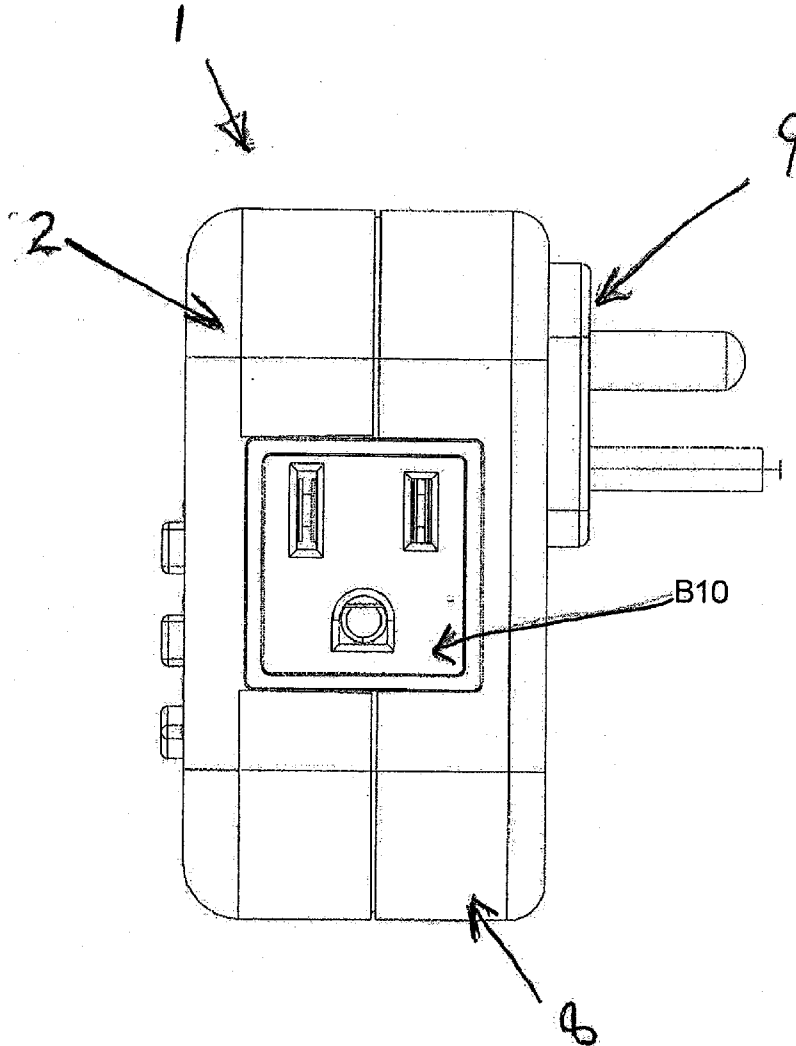
(22) Filed: **Aug. 28, 2014**

(57) **ABSTRACT**

**Related U.S. Application Data**

(60) Provisional application No. 61/884,895, filed on Sep. 30, 2013, provisional application No. 61/872,120, filed on Aug. 30, 2013.

A programmable timer for controlling two outlets that may be switched on and off in response to a programmed schedule where said programmable timer comprises an input device, a microprocessor, two switches and two outlets.



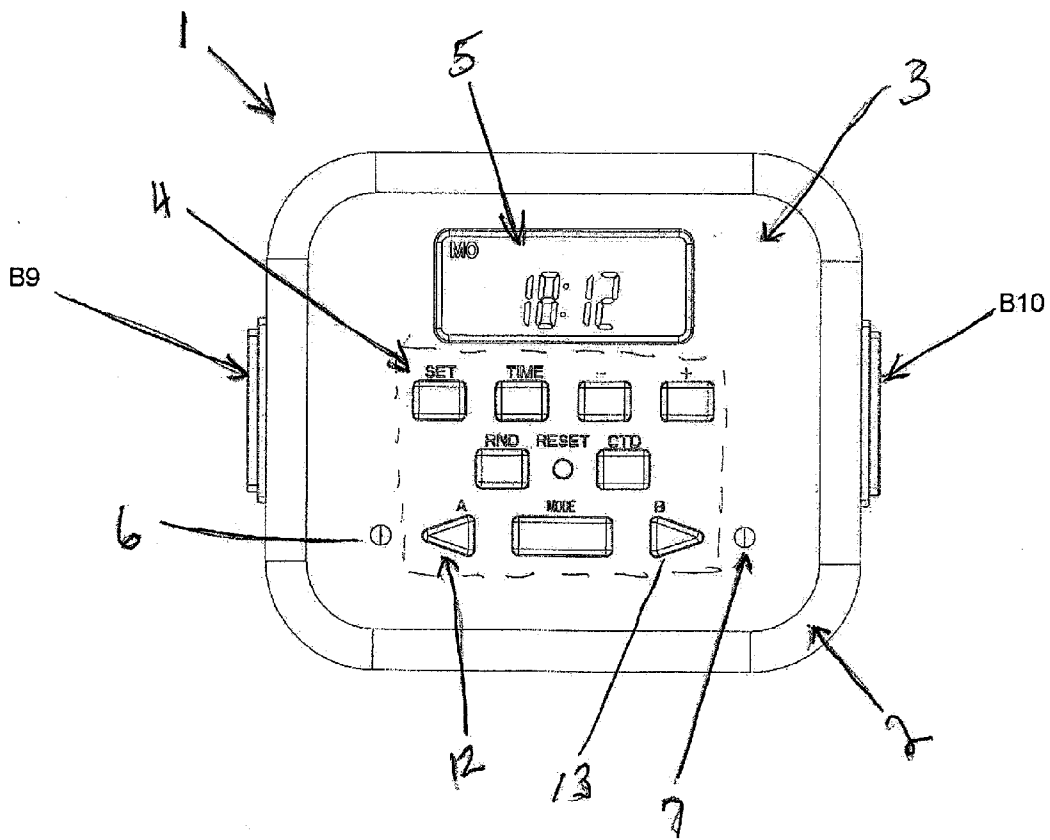
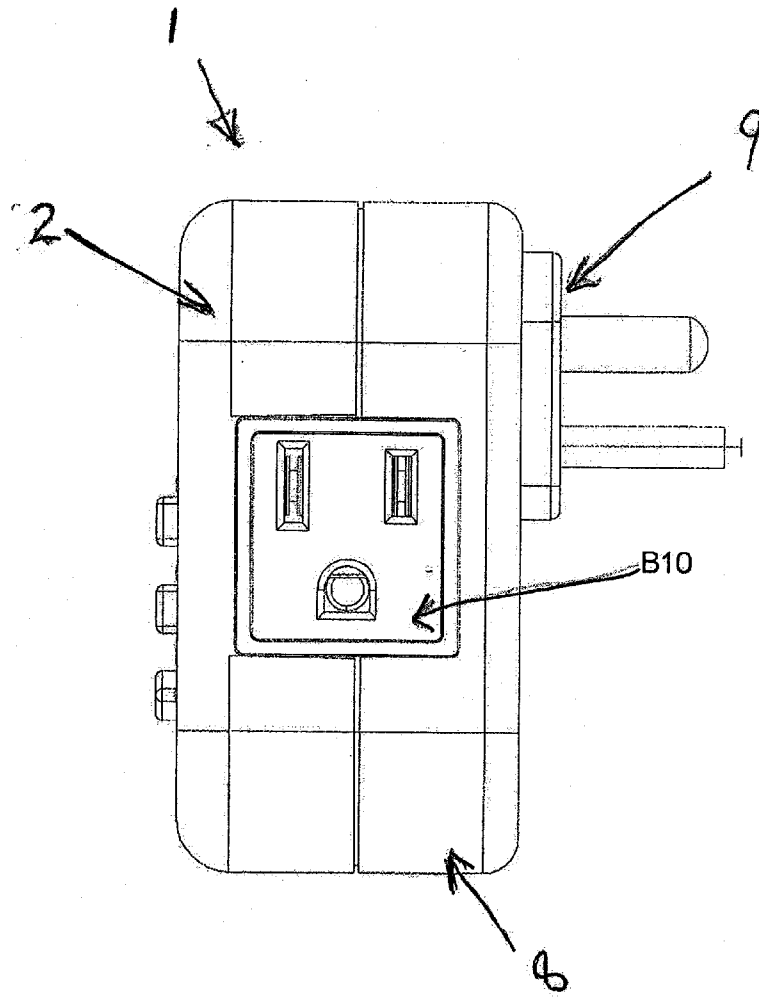


Fig. 1



**Fig. 2**

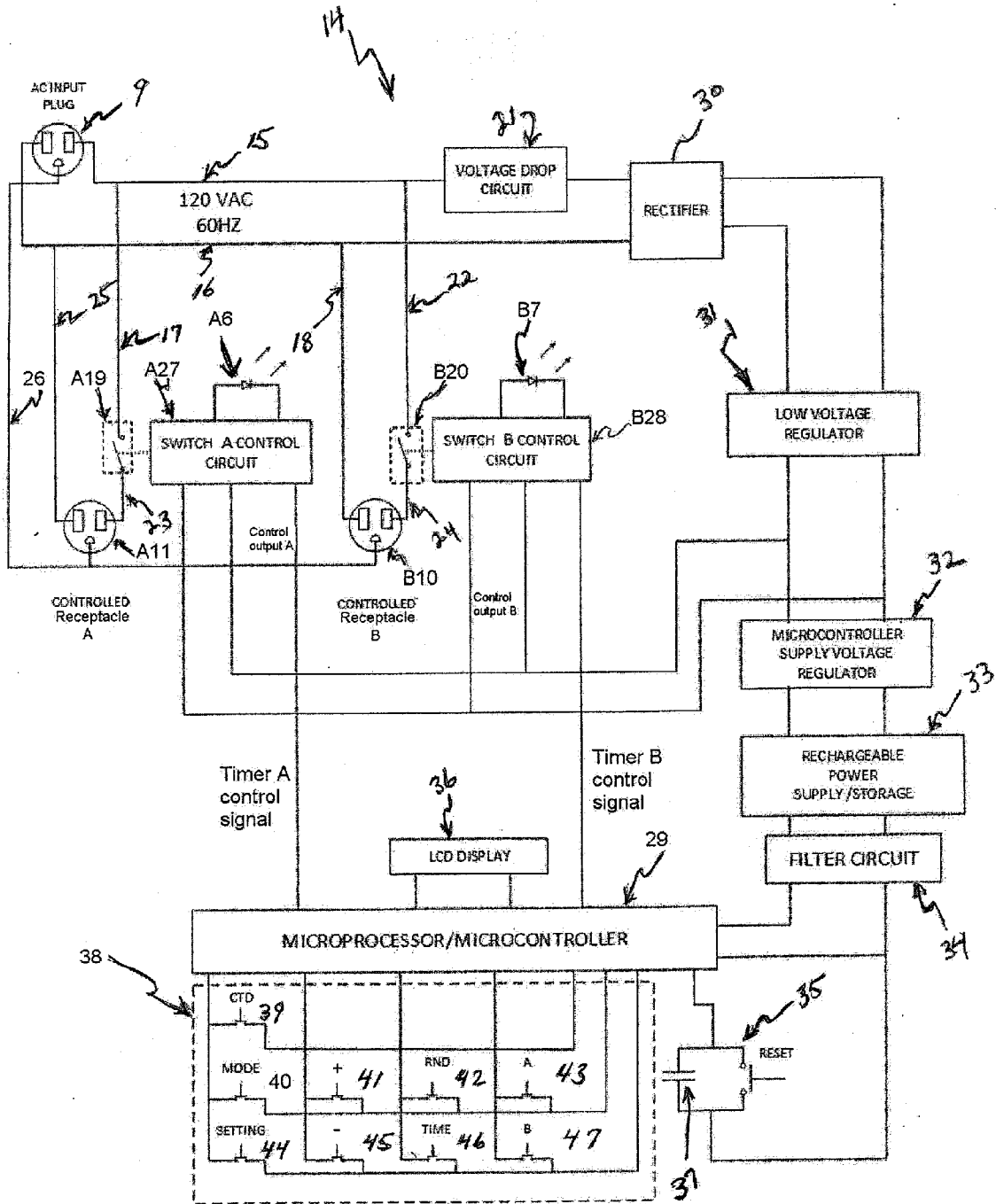


Fig. 3

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