

**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 1055**

(12) **United States Patent**  
**Simon et al.**

(10) **Patent No.:** US 6,507,775 B1  
(45) **Date of Patent:** Jan. 14, 2003

- (54) **IRRIGATION TIMER AND CLOCK INITIALIZATION METHOD**
- (75) Inventors: **Timothy M. Simon**, San Francisco, CA (US); **Blaine M. Smith**, Portland, OR (US)
- (73) Assignee: **Tim Simon, Inc.**, San Francisco, CA (US)

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(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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*Primary Examiner*—Leo Picard  
*Assistant Examiner*—Chad Rapp  
(74) *Attorney, Agent, or Firm*—James F. Hann; Haynes Beffel & Wolfeld LLP

- (21) Appl. No.: **09/440,298**
- (22) Filed: **Nov. 17, 1999**
- (51) **Int. Cl.**<sup>7</sup> ..... **G05D 7/00**
- (52) **U.S. Cl.** ..... **700/284; 239/69; 137/624.11**
- (58) **Field of Search** ..... **700/284; 239/61, 239/65, 67, 64, 68, 69, 70, 71, 72, 99; 137/624.11, 78.3**

(57) **ABSTRACT**

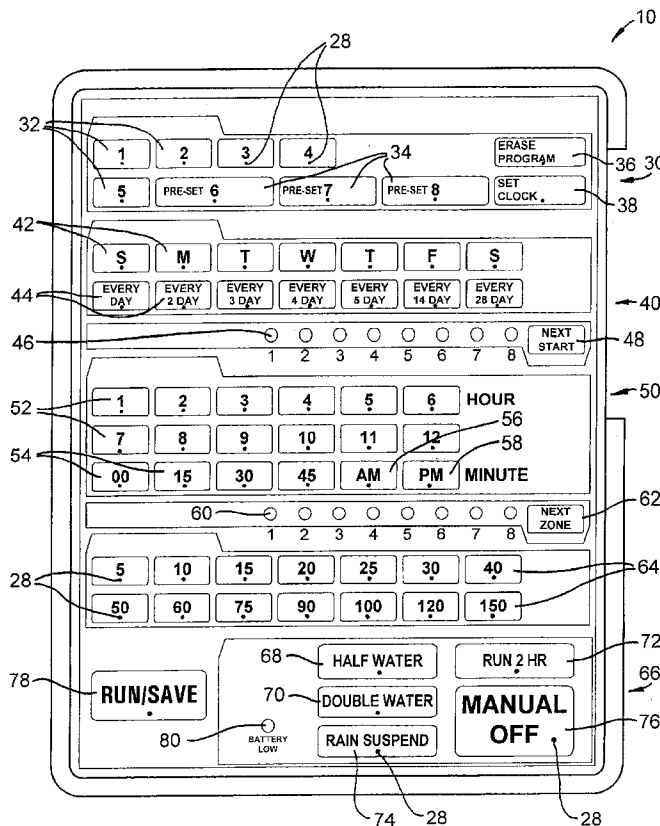
An irrigation timer (2) includes a controller (8) coupleable to a power source (16), user inputs (12) coupled to the controller, controller output terminals (18) coupleable to an irrigation valve actuator (20) and an internal day-of-week and time-of-day clock. The controller may be pre-programmed with a predetermined, known initialization day-of-week and start time-of-day setting so that upon actuation, the clock automatically begins running at that setting, such as Sunday, 6:00 PM. The user inputs may have a single, preset function so that no user input is a multi-function input to help make programming essentially intuitive.

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**18 Claims, 4 Drawing Sheets**



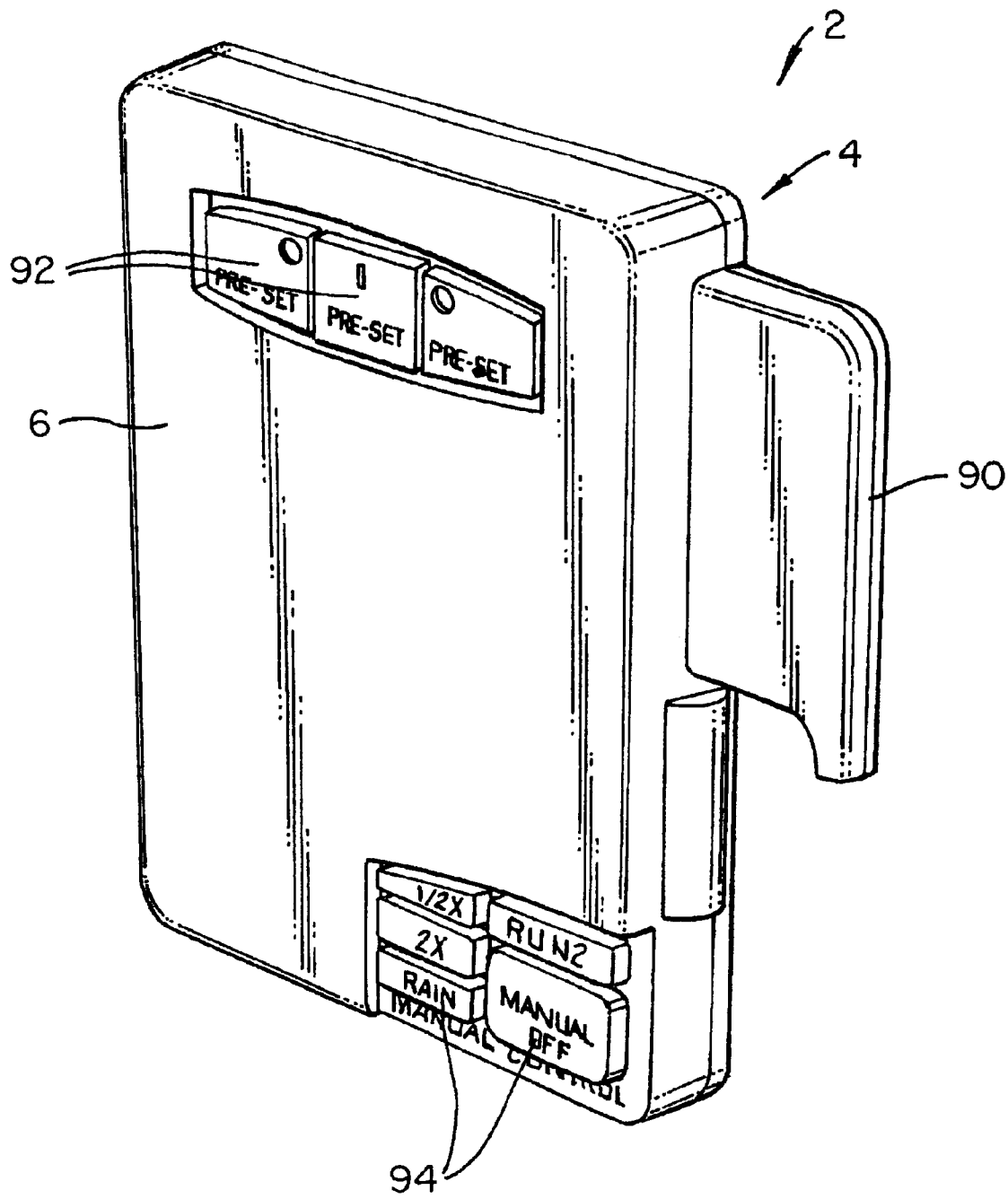


FIG. 1.

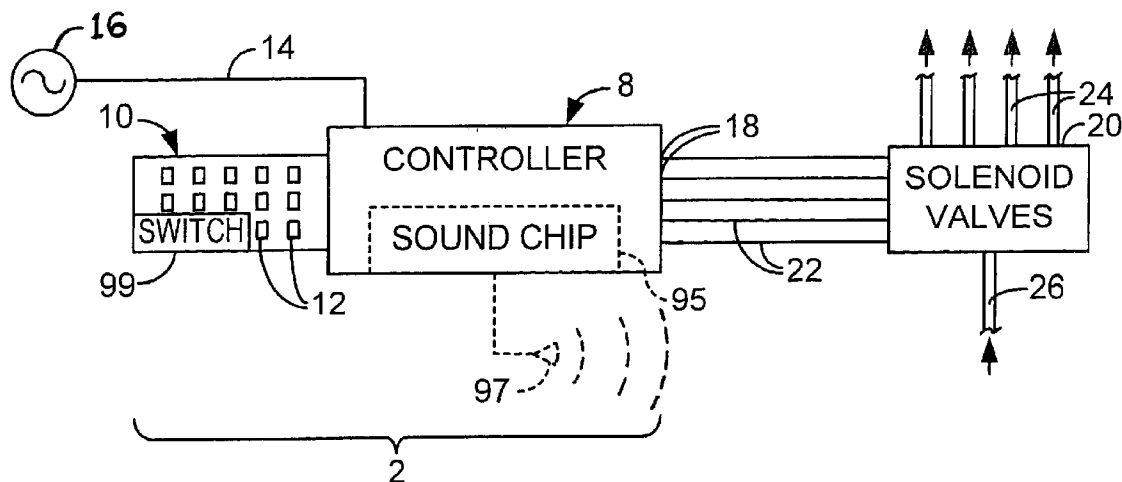
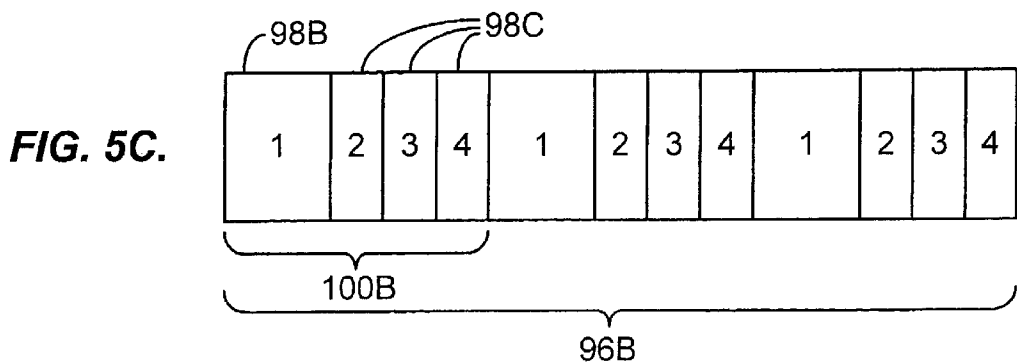
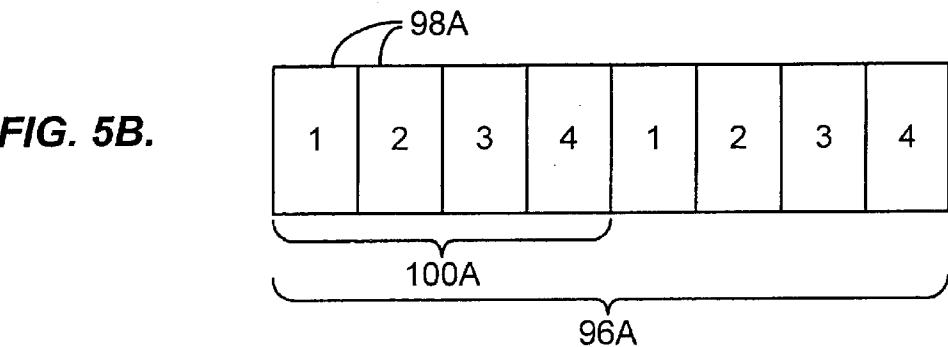
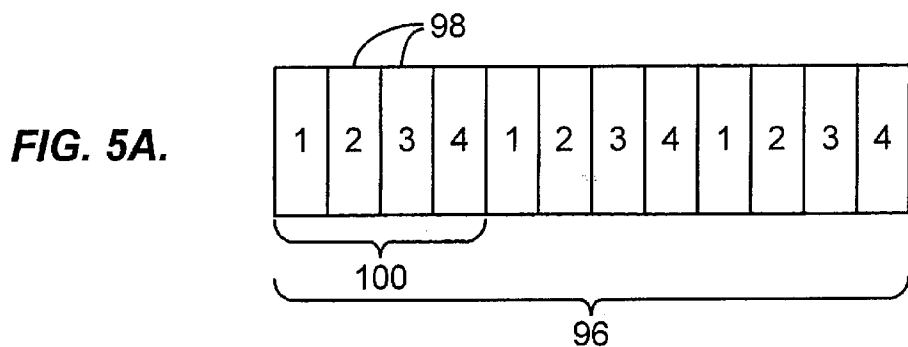


FIG. 2.



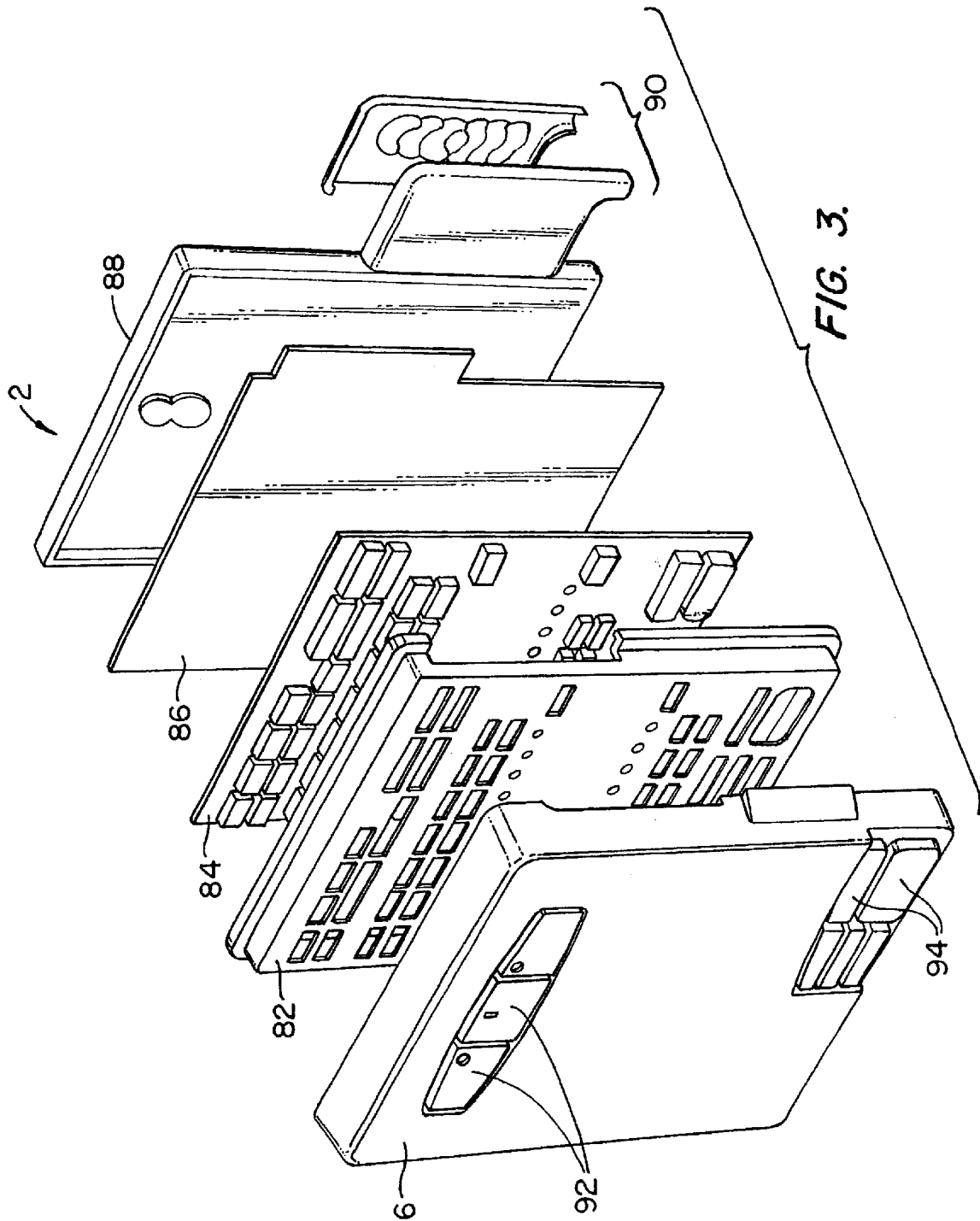


FIG. 3.

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