



(12) **United States Patent**
Schneider

(10) **Patent No.:** **US 7,161,578 B1**
(45) **Date of Patent:** **Jan. 9, 2007**

- (54) **UNIVERSAL PRESENTATION DEVICE**
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- (73) Assignee: **Logitech Europe S.A.** (CH)
- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 98 days.

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- (21) Appl. No.: **09/632,196**
- (22) Filed: **Aug. 2, 2000**

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- (51) **Int. Cl.**
G09G 5/00 (2006.01)
 - (52) **U.S. Cl.** **345/156; 345/169; 345/168**
 - (58) **Field of Classification Search** **345/156–169, 345/173, 179; 348/14.05**
- See application file for complete search history.

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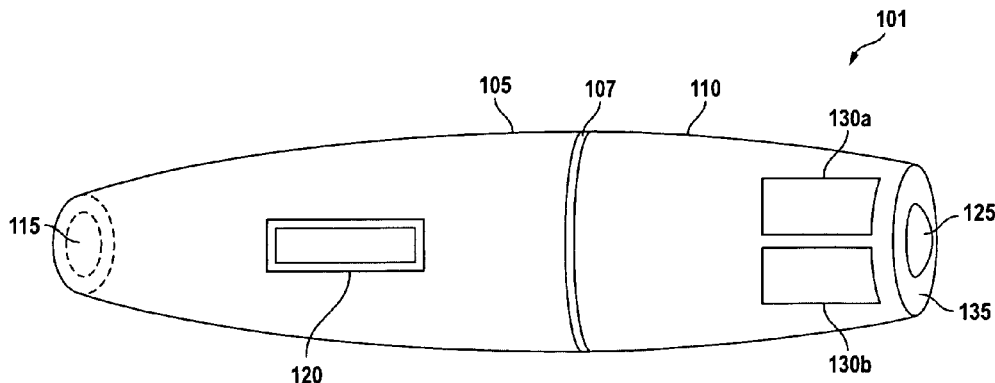
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(57) **ABSTRACT**

A universal presentation device discloses having two or more presentation elements for use in environments such as presentation environments. For example, the universal presentation device may include a combination of a laser pointer element, a pointing device element, and/or a writing instrument element. The universal presentation device is dimensioned to house each element within a single logical housing. Further, each element is operable with any of the other elements present within the universal presentation device. A method of operating the universal presentation device, including its use environment, is also disclosed.

45 Claims, 11 Drawing Sheets



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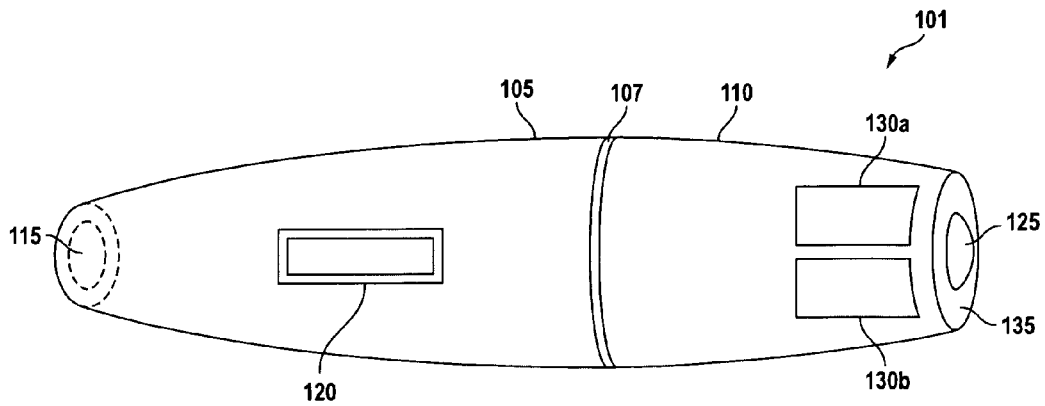


FIG. 1A

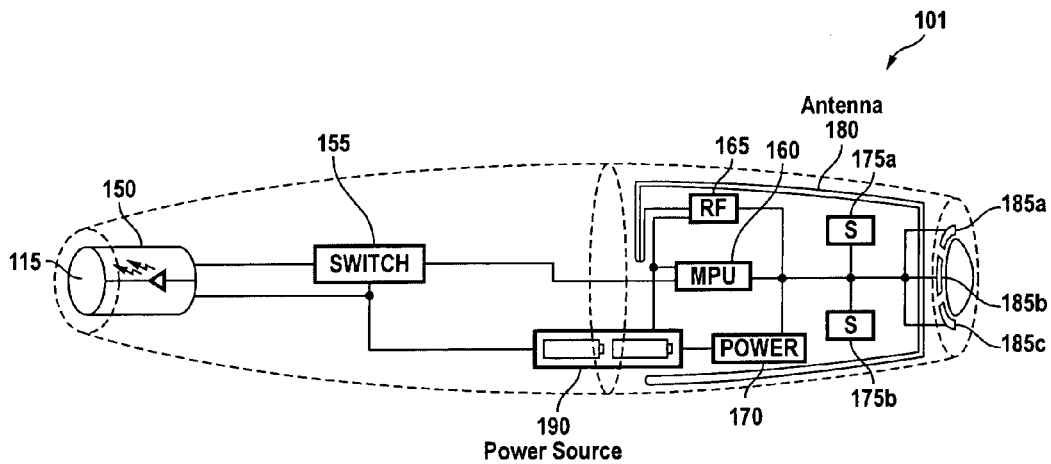


FIG. 1B

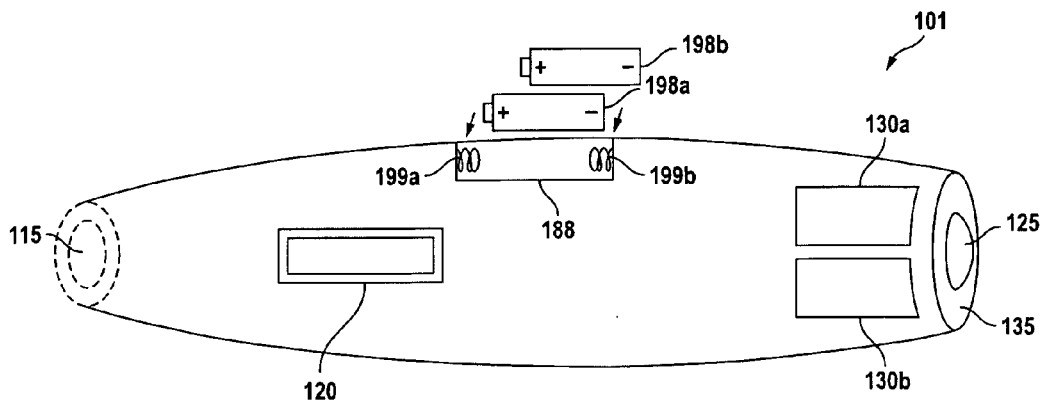


FIG. 1C

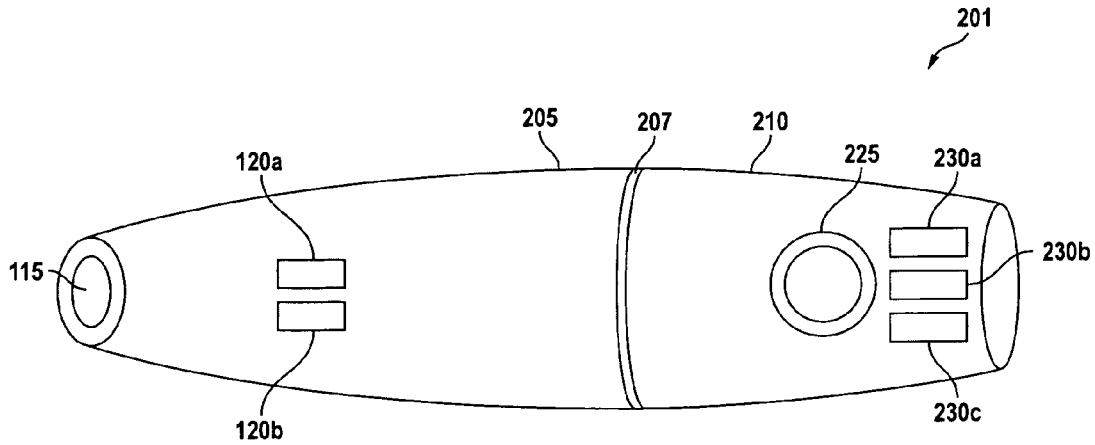


FIG. 2A

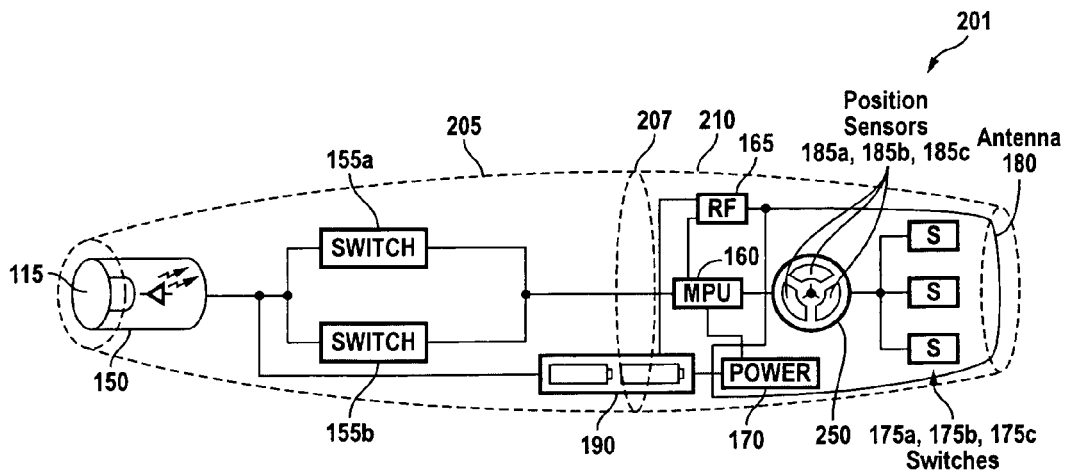


FIG. 2B

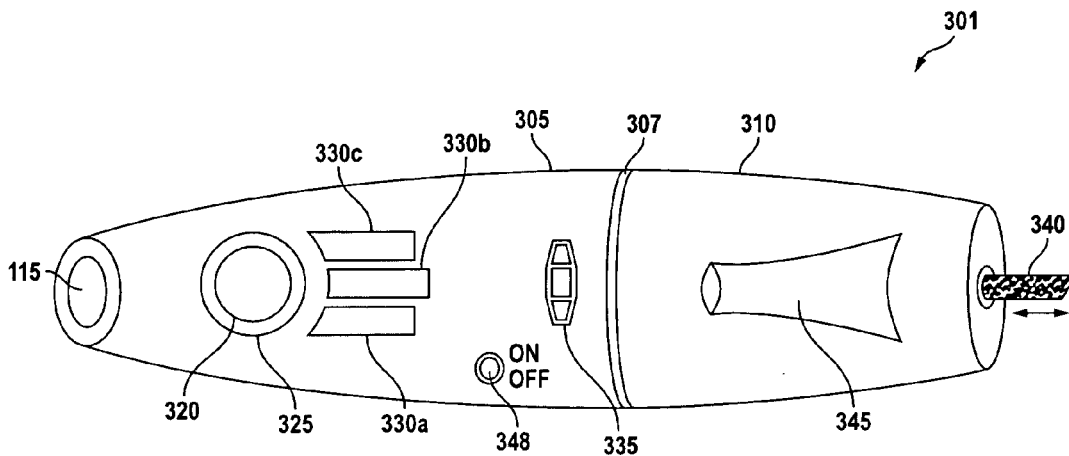


FIG. 3A

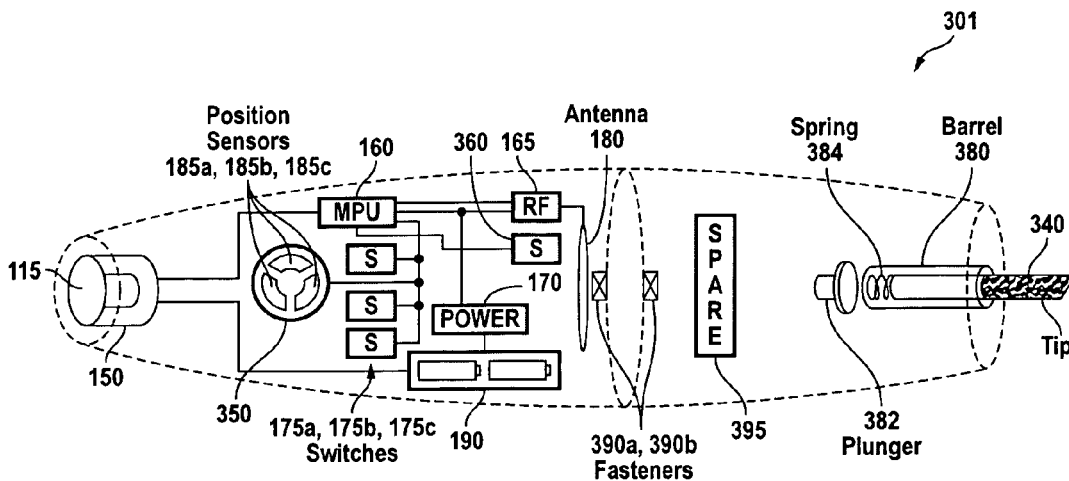


FIG. 3B

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