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# United States Patent [19]

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Schmidt

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[54] **VIDEO RECORDING SYSTEM FOR VEHICLE**

[76] Inventor: **William P. Schmidt**, 21821 Woodruff, Rockwood, Mich. 48173

[\*] Notice: The term of this patent shall not extend beyond the expiration date of Pat. No. 5,570,127.

5,027,200	6/1991	Petrossian et al.	348/149
5,289,321	2/1994	Secor	348/149
5,319,394	6/1994	Dukek	348/148
5,382,953	1/1995	Hauptli	340/433
5,455,561	10/1995	Brown	348/154
5,517,236	5/1996	Sergeant et al.	348/143
5,570,127	10/1996	Schmidt	348/148

[21] Appl. No.: **603,464**

[22] Filed: **Feb. 20, 1996**

*Primary Examiner*—Wendy Garber  
*Attorney, Agent, or Firm*—Weintraub & Brady

### Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 330,976, Oct. 28, 1994, Pat. No. 5,570,127.

[51] Int. Cl.<sup>6</sup> ..... **H04N 5/225**

[52] U.S. Cl. .... **348/148; 348/151; 340/433**

[58] Field of Search ..... **348/148, 149, 348/143, 151, 159; 340/433**

[57] **ABSTRACT**

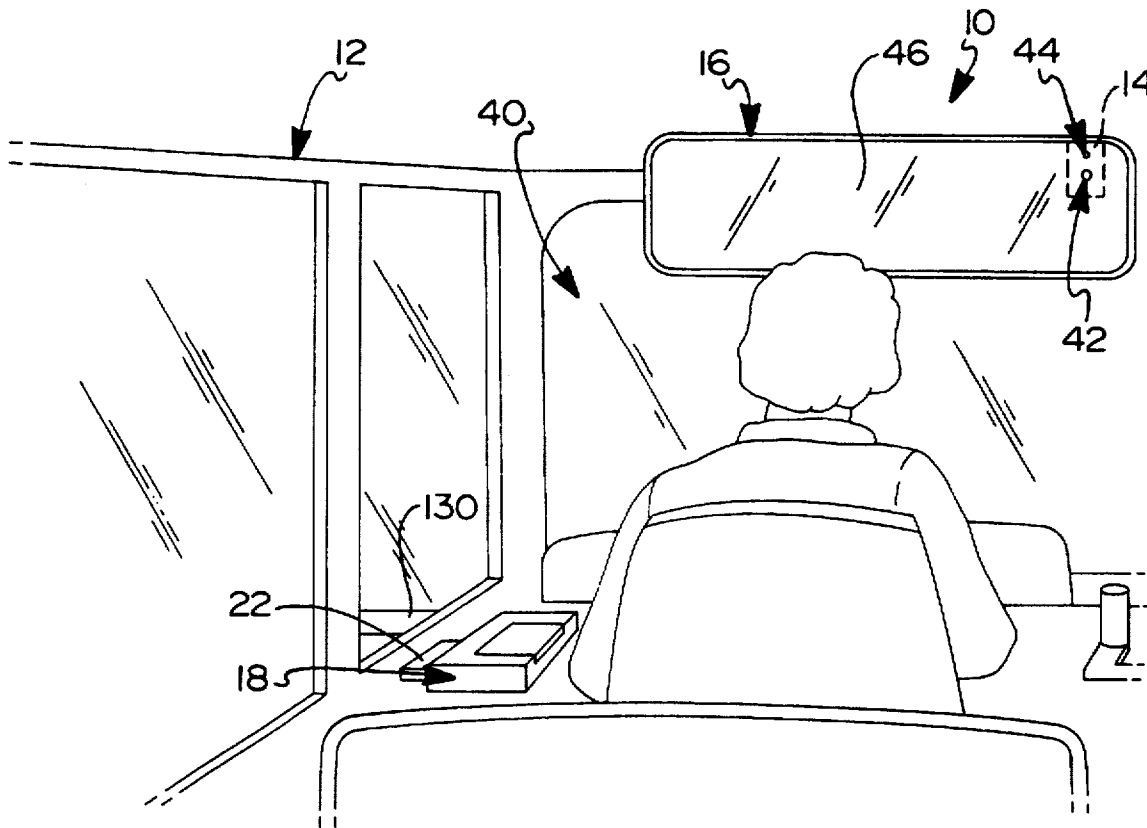
A vehicle video system including at least three video cameras electrically connected to a video signal relay device which directs video signals generated by each of the video cameras to either a video recorder or a monitor depending upon switching signals received to the video signal relay device. A video camera is automatically triggered to commence recording upon activation of a turn signal of a vehicle on which the system is deployed. A motion detector deployed on one vehicle can trigger a video camera deployed on another vehicle to commence recording. The system draws power from a battery of the vehicle.

### [56] References Cited

#### U.S. PATENT DOCUMENTS

4,943,864 7/1990 Elberbaum ..... 348/159

**11 Claims, 4 Drawing Sheets**



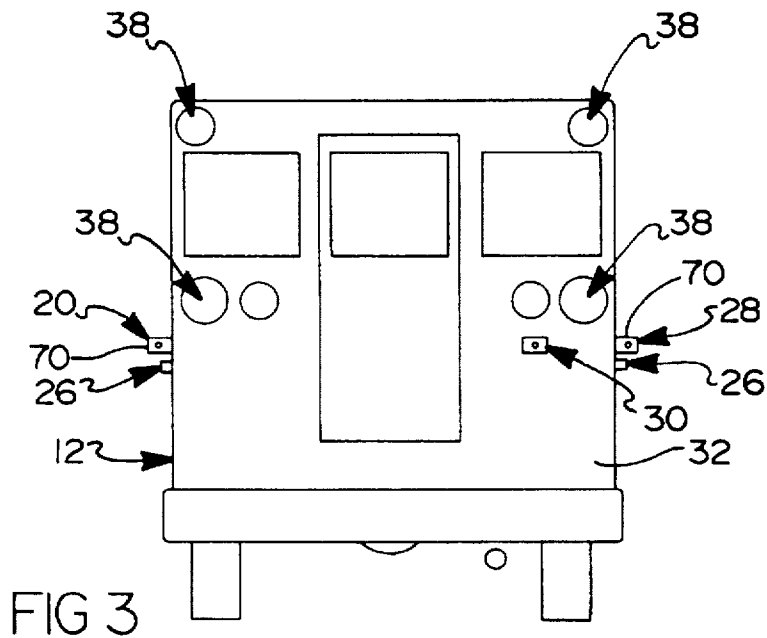
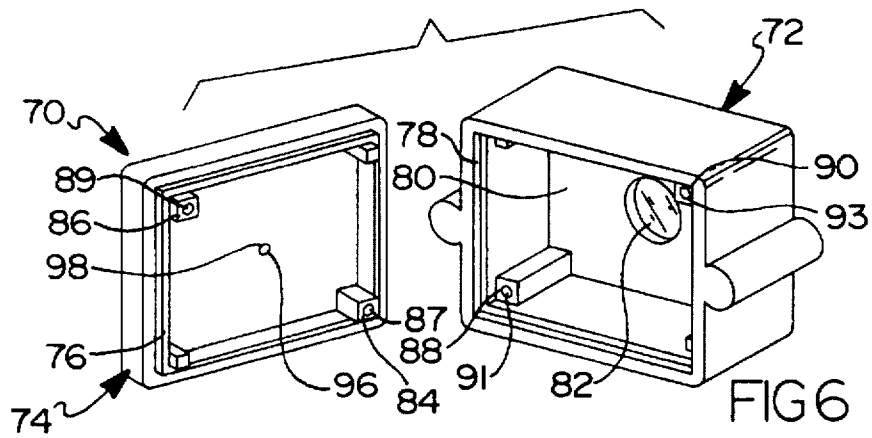
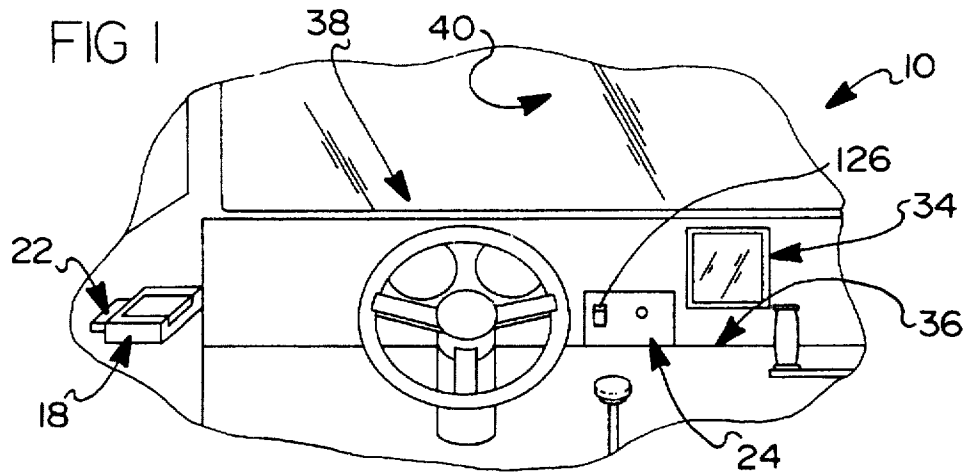


FIG 2

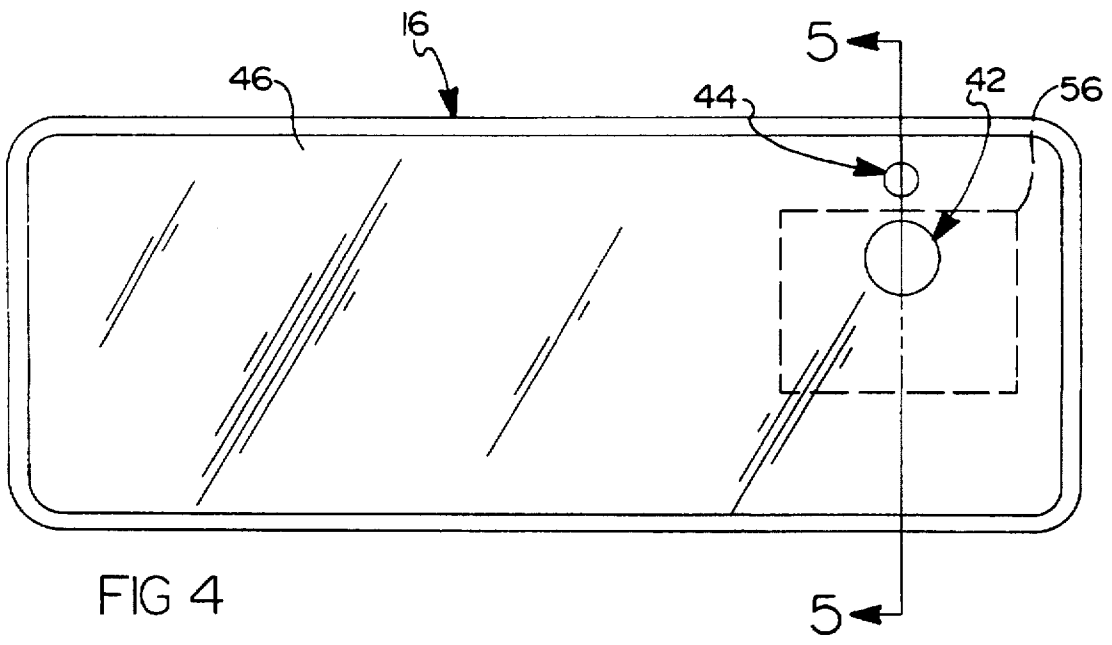
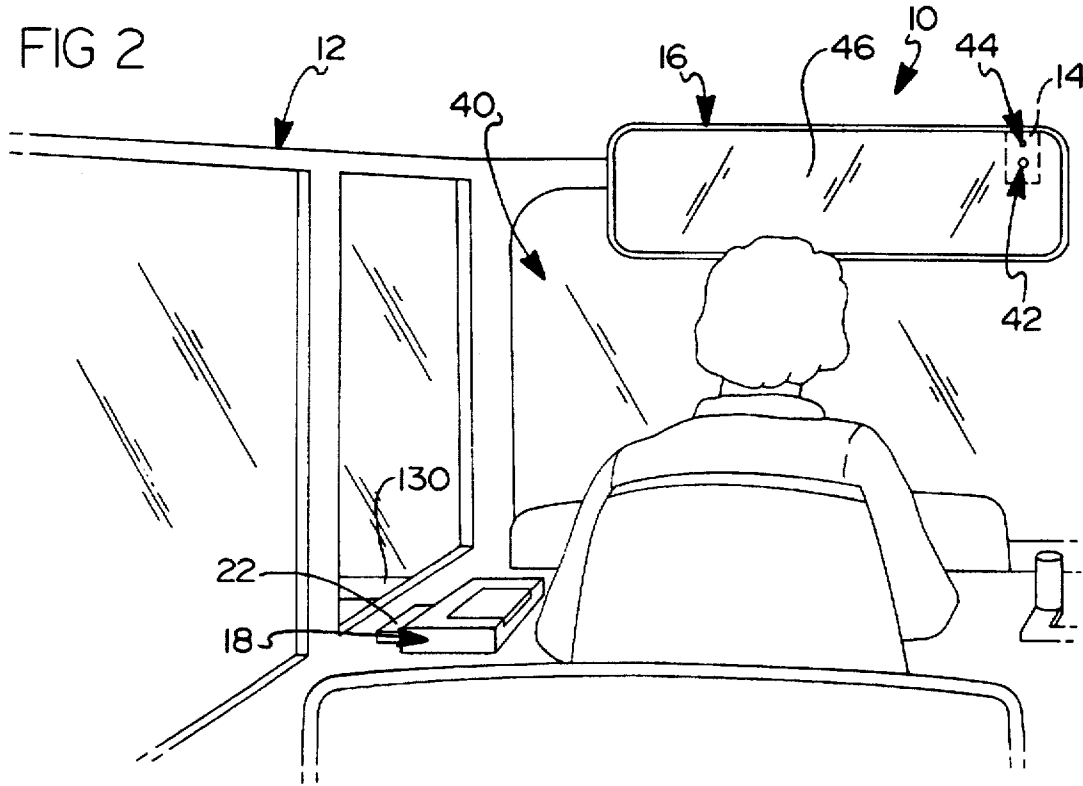
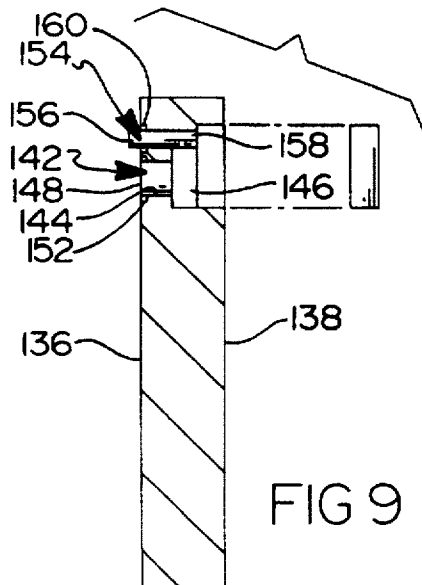
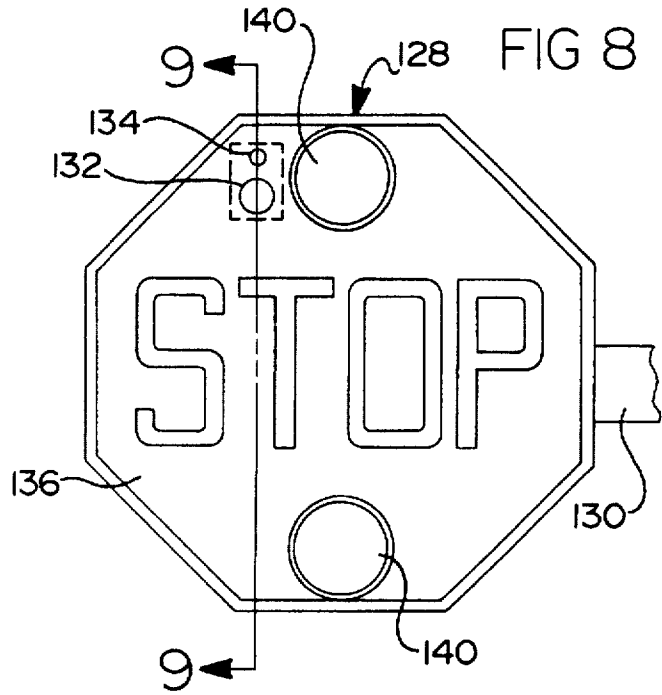
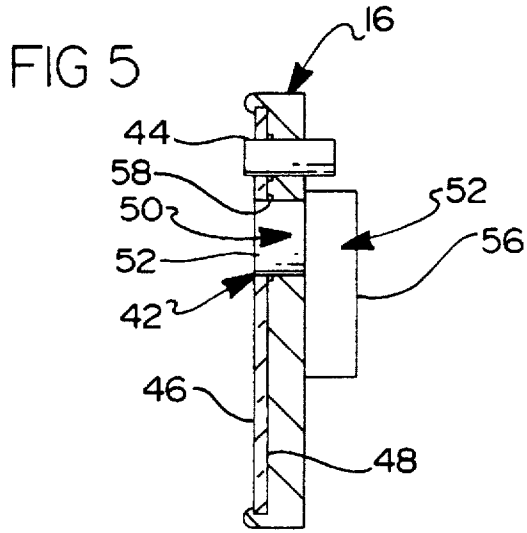
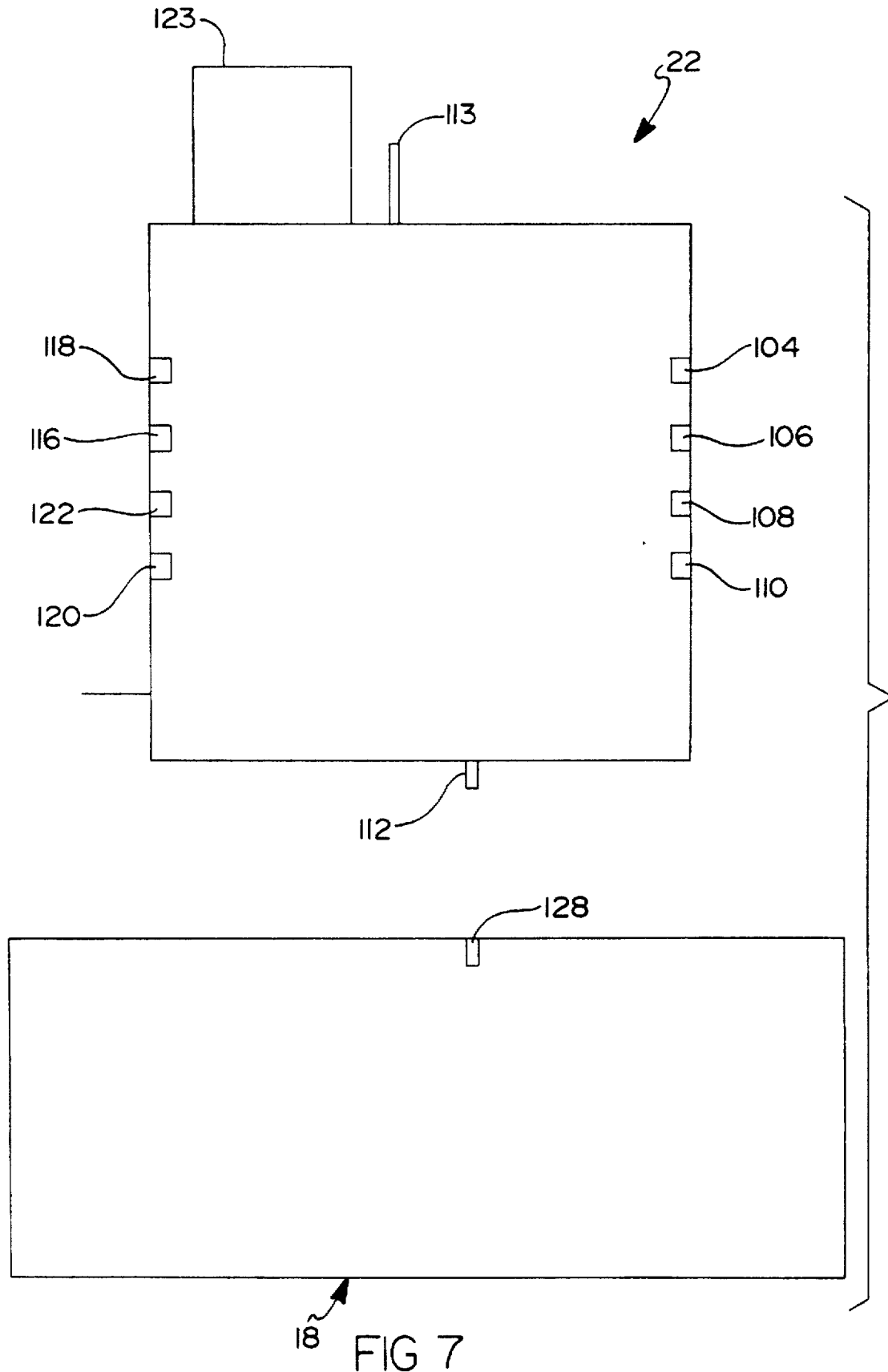


FIG 4





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