



US006984048B2

(12) **United States Patent**  
**Yamabe**

(10) **Patent No.:** **US 6,984,048 B2**  
(45) **Date of Patent:** **Jan. 10, 2006**

(54) **DOOR MIRROR**

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(73) Assignee: **Atras Auto Co., Ltd.**, Osaka (JP)

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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.

(21) Appl. No.: **10/699,181**

(22) Filed: **Oct. 31, 2003**

(65) **Prior Publication Data**

US 2004/0090689 A1 May 13, 2004

(30) **Foreign Application Priority Data**

Nov. 1, 2002 (JP) ..... 2002-319405

(51) **Int. Cl.**  
**G02B 7/182** (2006.01)  
**B60R 1/06** (2006.01)  
**B60R 1/08** (2006.01)

(52) **U.S. Cl.** ..... **359/841**; 359/872; 359/877

(58) **Field of Classification Search** ..... 359/850,  
359/851, 855, 865, 866, 874, 876, 841, 843,  
359/872, 877

See application file for complete search history.

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(57) **ABSTRACT**

A door mirror which is installed on a motor vehicle's body in such a manner as to project laterally from the vehicle's body so as to reflect on a surface of the mirror what is behind the vehicle's body, wherein the mirror surface of the door mirror is divided into two parts, and thus divided mirror surfaces are respectively provided with reflection angle adjusting mechanisms so that reflection angles of the divided mirror surfaces can be independently and arbitrarily adjusted, and the divided mirror surface positioned on the outer side can be turned to project laterally from the door mirror to face outward.

**10 Claims, 15 Drawing Sheets**

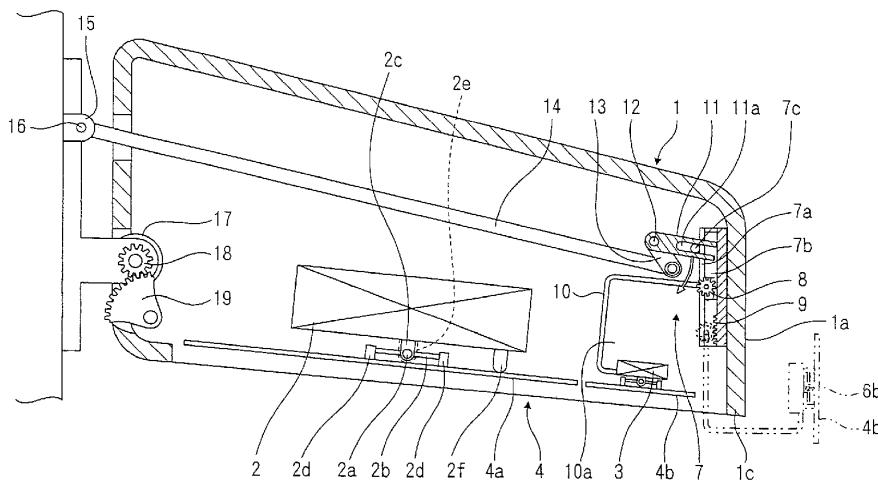


FIG. 1

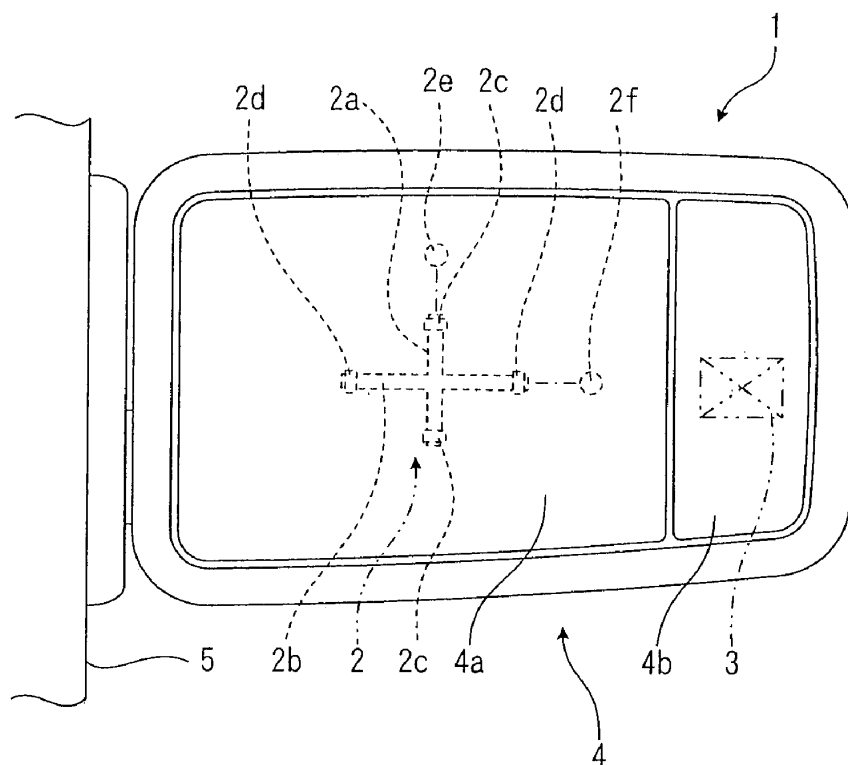


FIG. 2

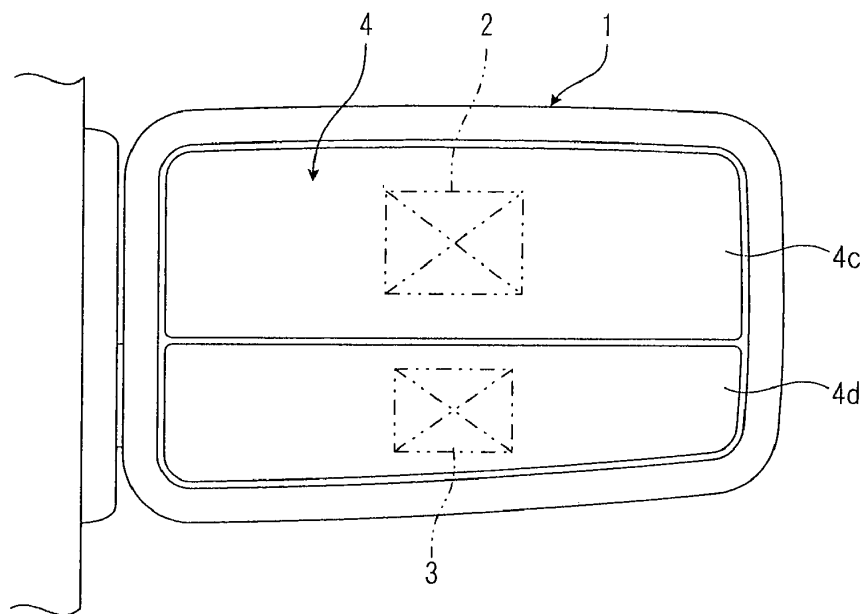


FIG. 3

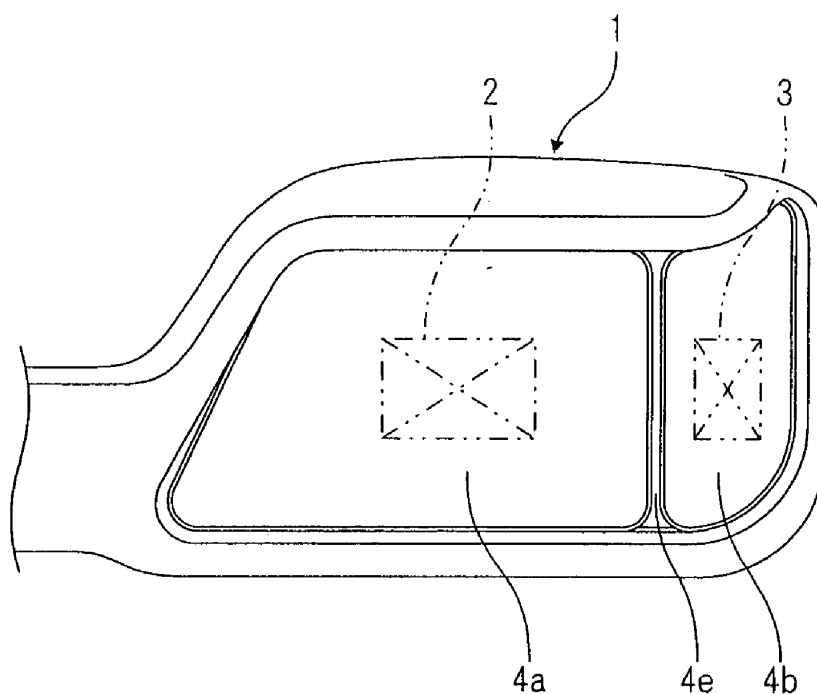
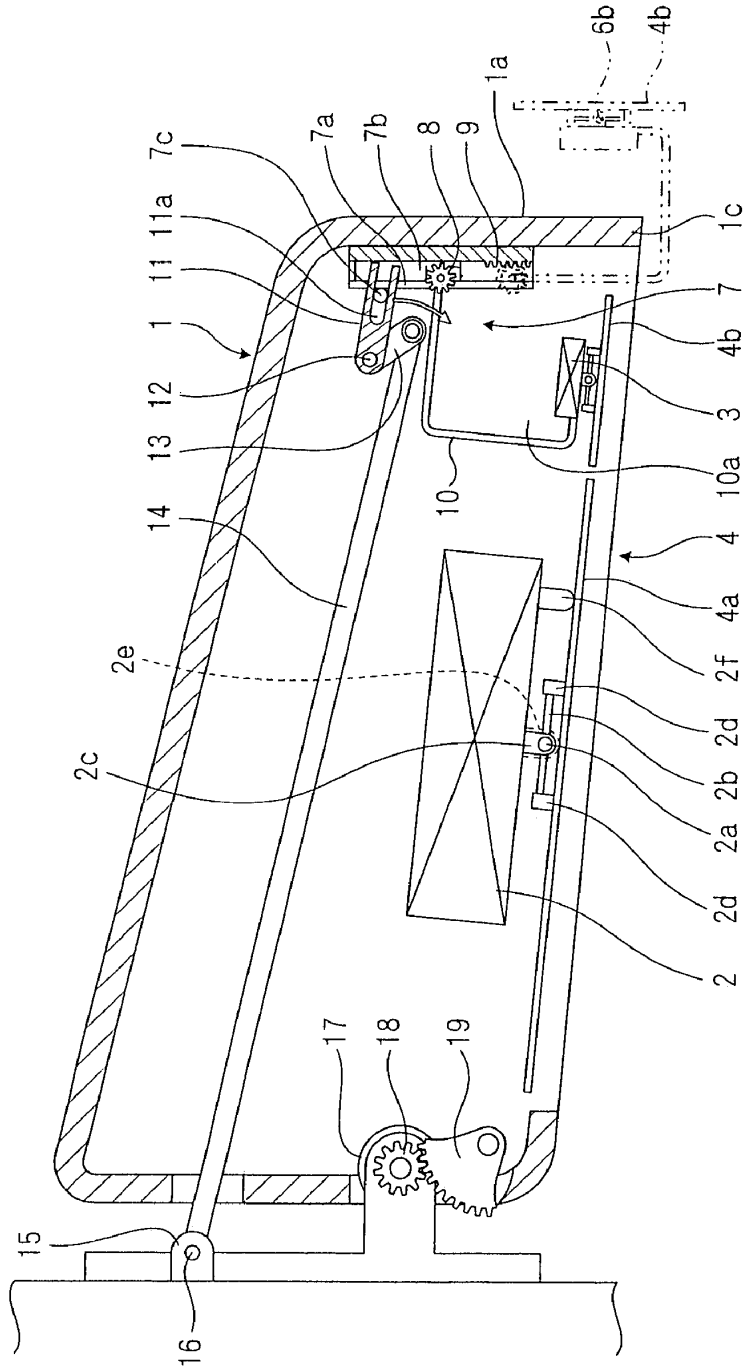


FIG. 4



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