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McCabe et al.

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(54) **ELECTRO-OPTIC MIRROR CELL**

(56) **References Cited**

(75) Inventors: **Ian A. McCabe**, Holland, MI (US);
Hamid Habibi, Holland, MI (US);
Niall R. Lynam, Holland, MI (US);
Donald L. Bareman, Zeeland, MI (US)

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(73) Assignee: **Donnelly Corporation**, Holland, MI (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 263 days.

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Primary Examiner—Stephone B. Allen

Assistant Examiner—Derek S. Chapel

(74) *Attorney, Agent, or Firm*—Van Dyke, Gardner, Linn & Burkhardt, LLP

Related U.S. Application Data

(63) Continuation-in-part of application No. PCT/US03/35381, filed on Nov. 5, 2003, application No. 11/021,065, and a continuation-in-part of application No. PCT/US03/29776, filed on Sep. 19, 2003.

(57) **ABSTRACT**

(60) Provisional application No. 60/629,926, filed on Nov. 22, 2004, provisional application No. 60/563,342, filed on Apr. 19, 2004, provisional application No. 60/553,842, filed on Mar. 17, 2004, provisional application No. 60/531,838, filed on Dec. 23, 2003, provisional application No. 60/490,111, filed on Jul. 25, 2003, provisional application No. 60/489,816, filed on Jul. 24, 2003, provisional application No. 60/424,116, filed on Nov. 5, 2002, provisional application No. 60/423,903, filed on Nov. 5, 2002, provisional application No. 60/412,275, filed on Sep. 20, 2002.

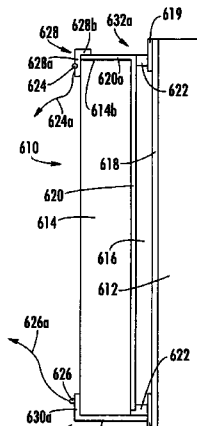
A reflective element assembly for a variable reflectance vehicular mirror includes a front substrate having a transparent conductive coating disposed on a second surface, and a rear substrate having a third surface conductive coating disposed on its third surface and preferably, a fourth surface conductive coating disposed on its fourth surface. At least a portion of the third surface conductive coating may wrap around an edge portion of the rear substrate and at least a portion of the fourth surface conductive coating may wrap around at least a second portion of the perimeter edge so as to establish electrical continuity between the fourth surface conductive coating on the fourth surface and the third surface conductive coating on the third surface. The rear substrate may have a smaller dimension than the front substrate so as to provide an overhang region, preferably at the wraparound region.

(51) **Int. Cl.**
G02B 5/08 (2006.01)

(52) **U.S. Cl.** **359/605; 359/265**

(58) **Field of Classification Search** None
See application file for complete search history.

19 Claims, 49 Drawing Sheets



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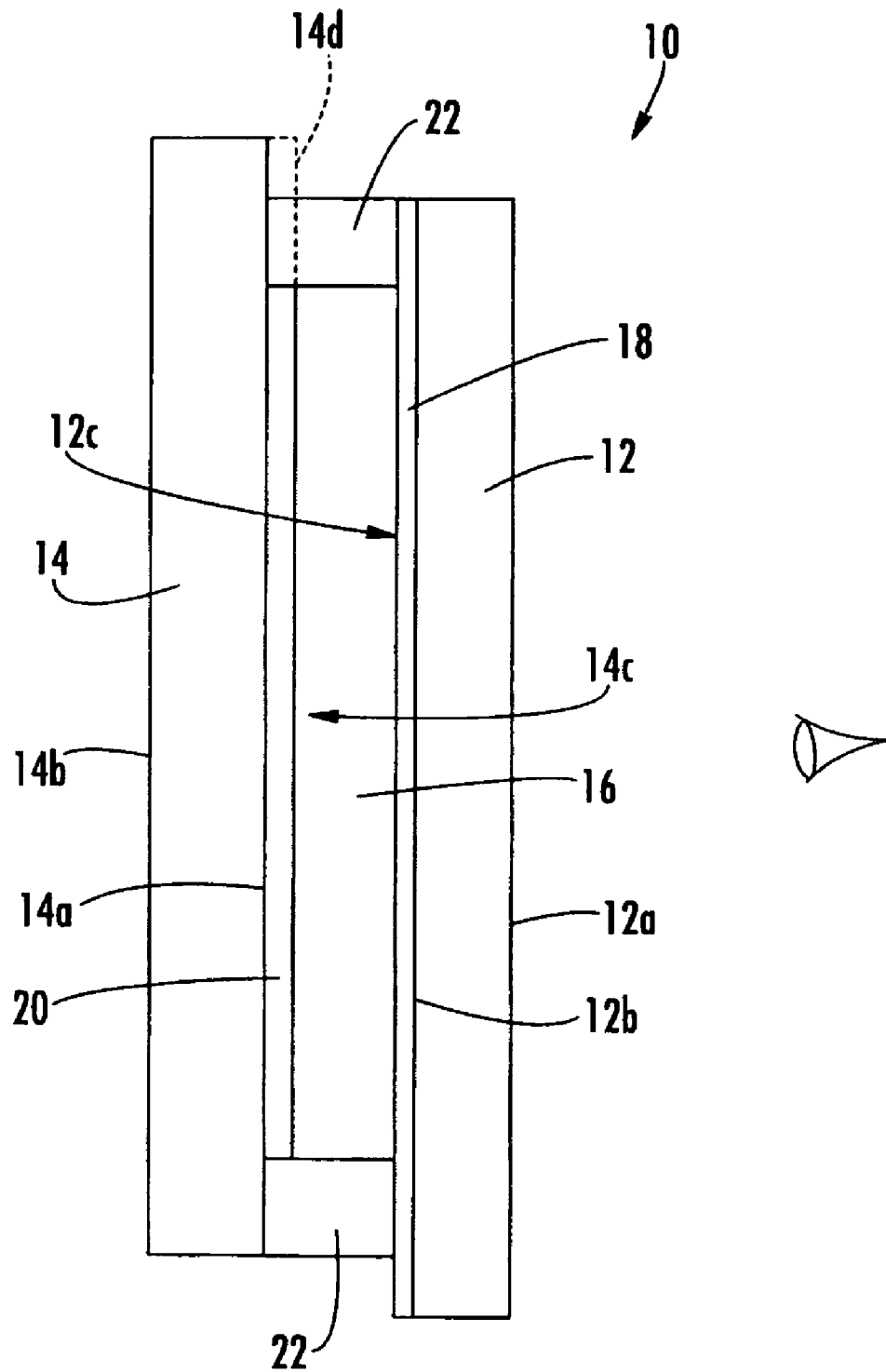
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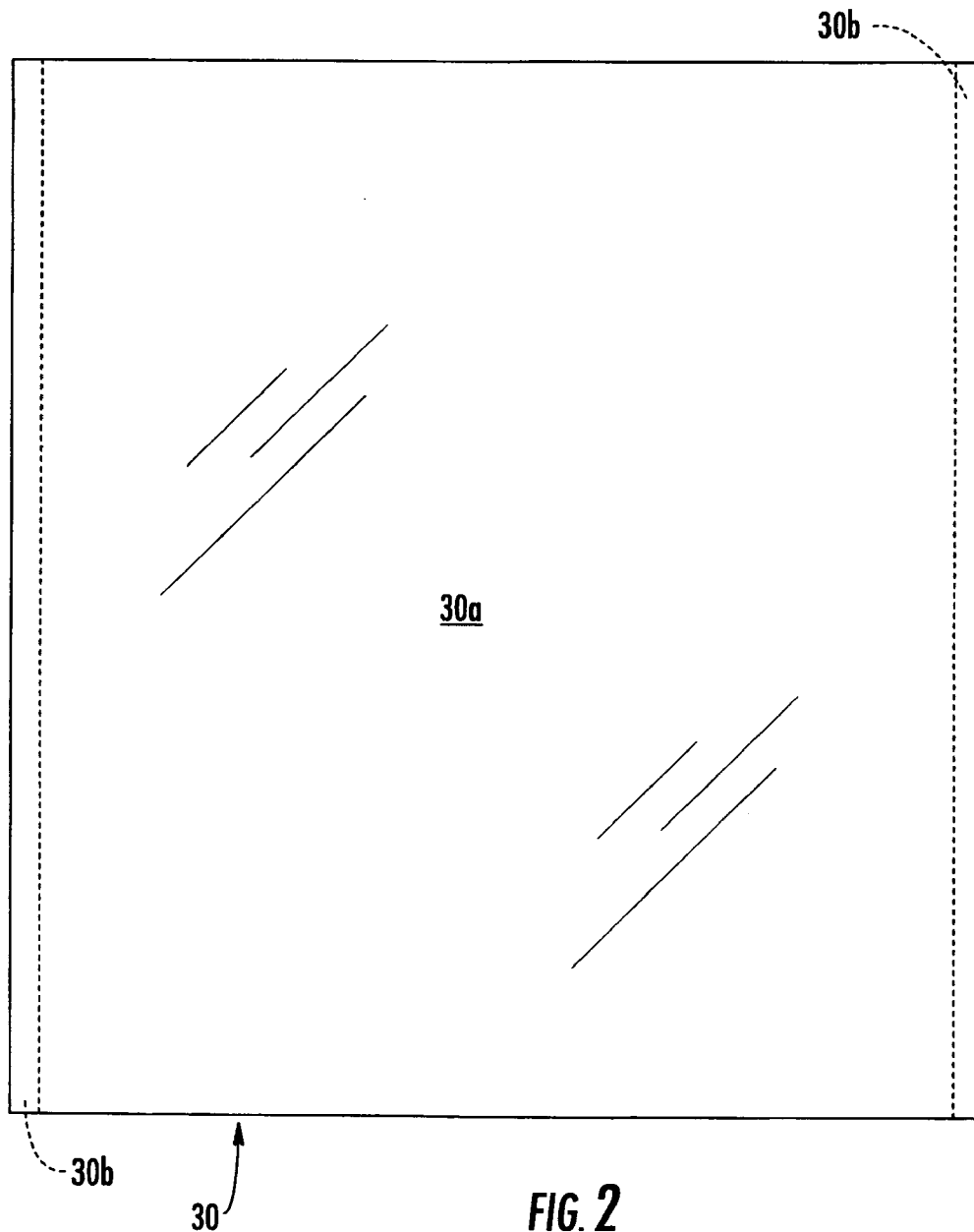
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**FIG. 1**

**FIG. 2**

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