



US005579133A

United States Patent [19]

[11] Patent Number: **5,579,133**

Black et al.

[45] Date of Patent: **Nov. 26, 1996**

[54] REAR VIEW MIRROR STRUCTURE

3,501,227	3/1970	Landen	359/866
3,628,851	12/1971	Robertson	359/868
4,331,382	5/1982	Graff	359/868
4,859,046	8/1989	Traynor et al.	359/850

[76] Inventors: **George D. Black**, 9694 Sheffield Rd., Perrysburg, Ohio 43551; **George S. Wade**, 5544 Citation Rd. N, Toledo, Ohio 43615

FOREIGN PATENT DOCUMENTS

0631602	11/1961	Canada	359/866
1844924	9/1961	Germany	359/864
2158258	5/1973	Germany	359/868
2744409	4/1979	Germany	359/866
55-36112	3/1980	Japan	359/866
0186443	7/1989	Japan	359/850
93017892	9/1993	WIPO	359/866

[21] Appl. No.: **466,363**

[22] Filed: **Jun. 6, 1995**

Related U.S. Application Data

[63] Continuation of Ser. No. 76,001, Jun. 11, 1993, abandoned, which is a continuation-in-part of Ser. No. 993,055, Dec. 18, 1992, abandoned.

[51] Int. Cl.⁶ **G02B 5/08**; G02B 7/182; B60R 1/06; B60R 1/08

[52] U.S. Cl. **359/866**; 359/872; 359/875

[58] Field of Search 359/850, 855, 359/864, 865, 866, 868, 872, 875

[56] References Cited

U.S. PATENT DOCUMENTS

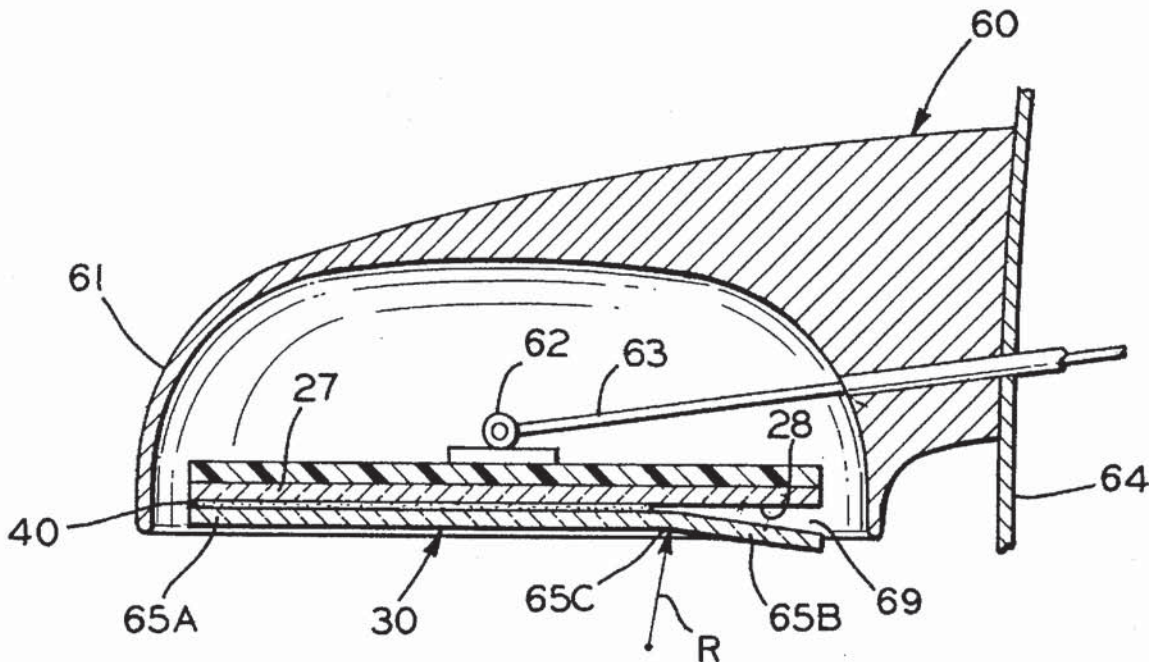
2,705,904 4/1955 Tagliaferri 359/866

Primary Examiner—Ricky D. Shafer
Attorney, Agent, or Firm—Donald R. Fraser

[57] ABSTRACT

An attachment for an existing rear view mirror structure of an automobile, said attachment including a one-piece mirror for attachment to the existing mirror structure, the one-piece mirror including a flat portion and an angled portion separated by a concave radius.

8 Claims, 4 Drawing Sheets



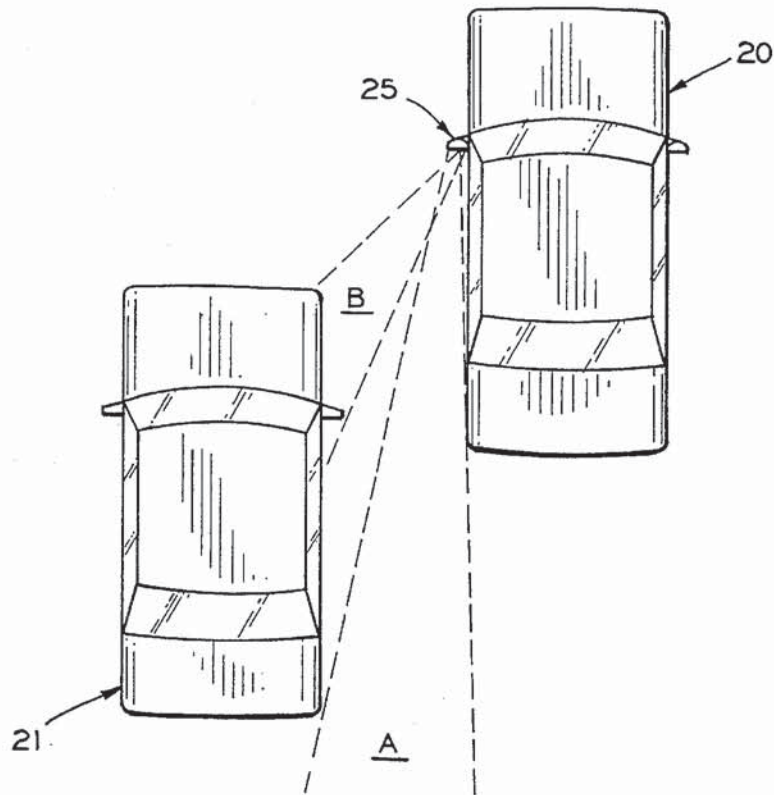


FIG. 1

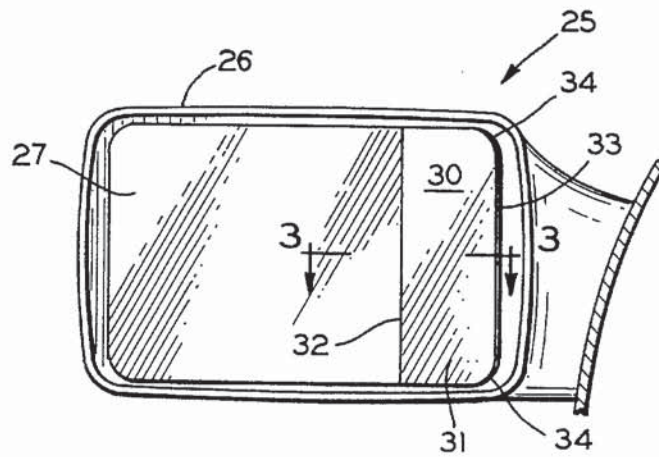


FIG. 2

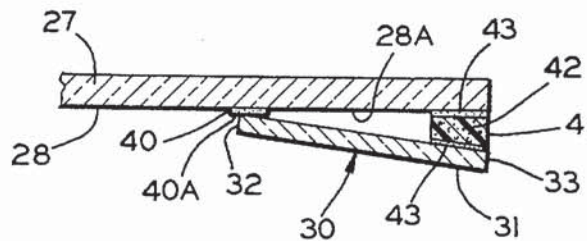


FIG. 3

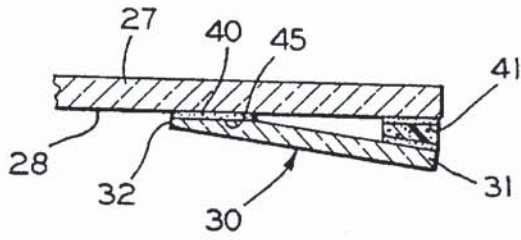


FIG. 4

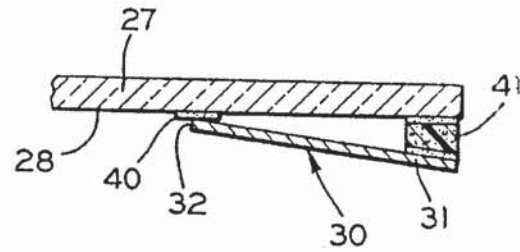


FIG. 5

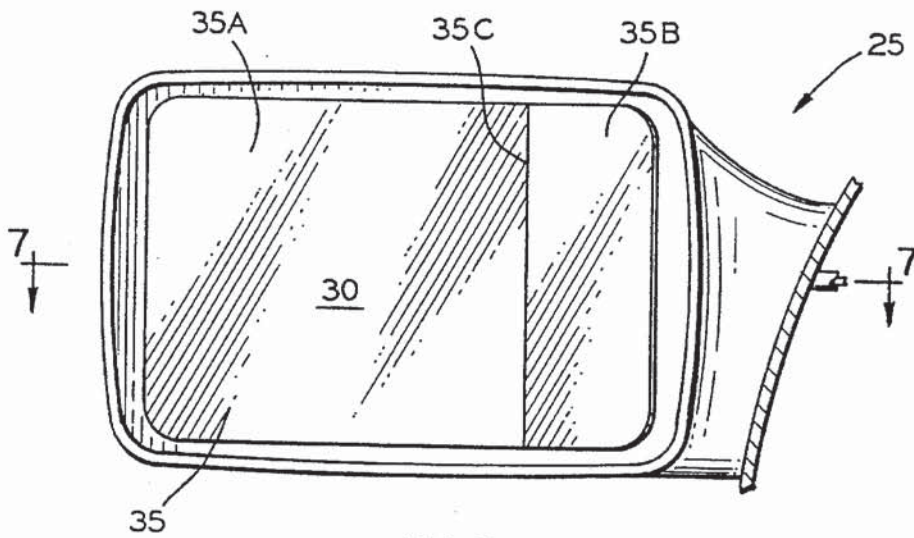


FIG. 6

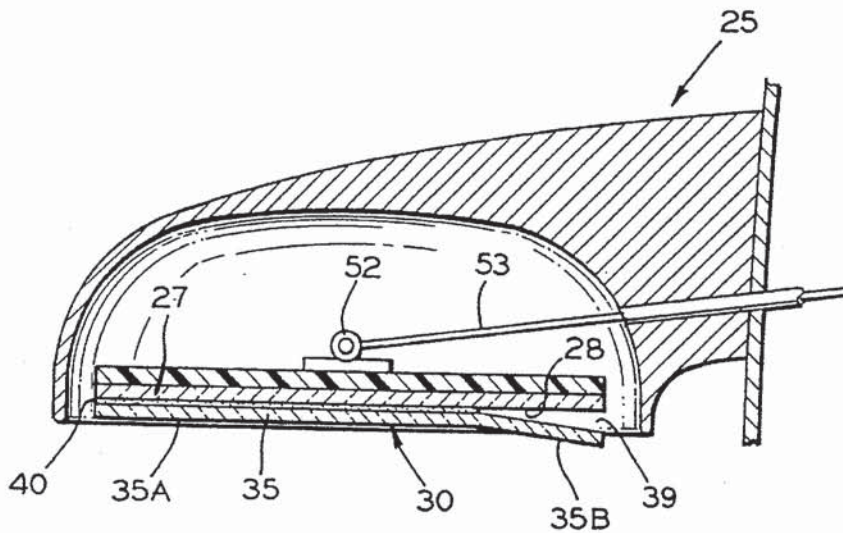


FIG. 7

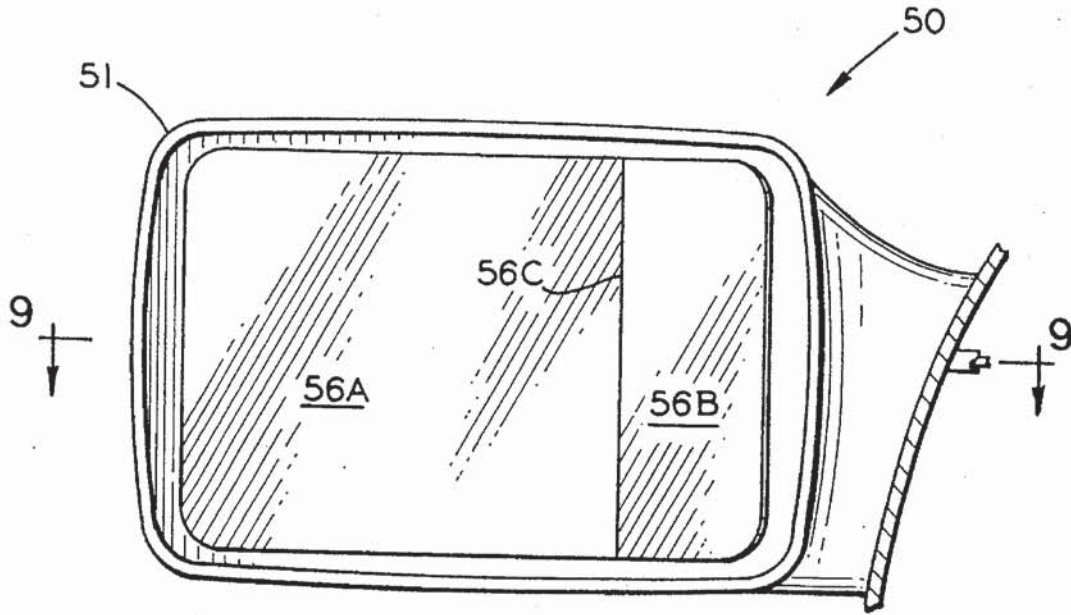


FIG. 8

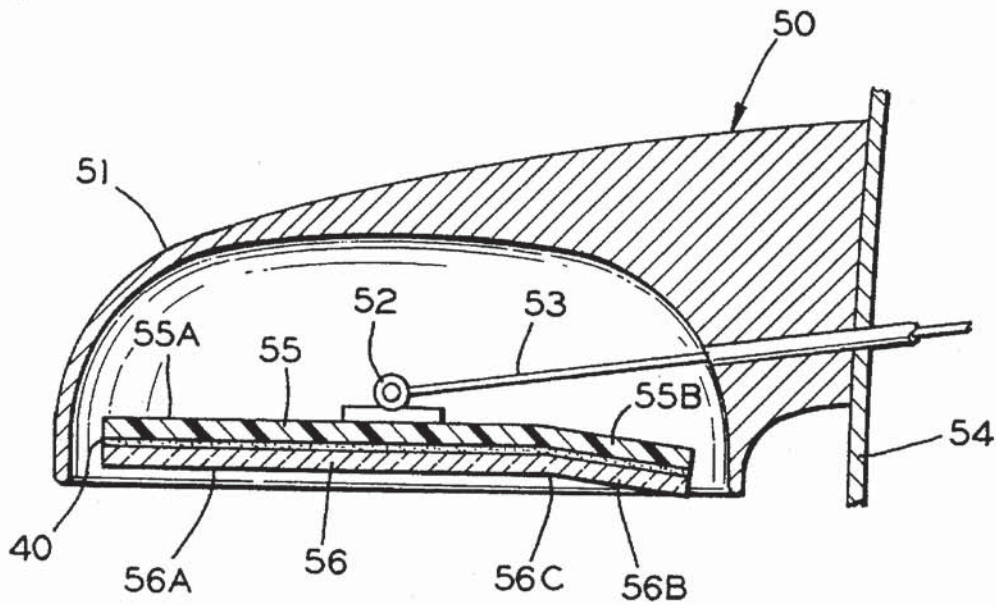


FIG. 9

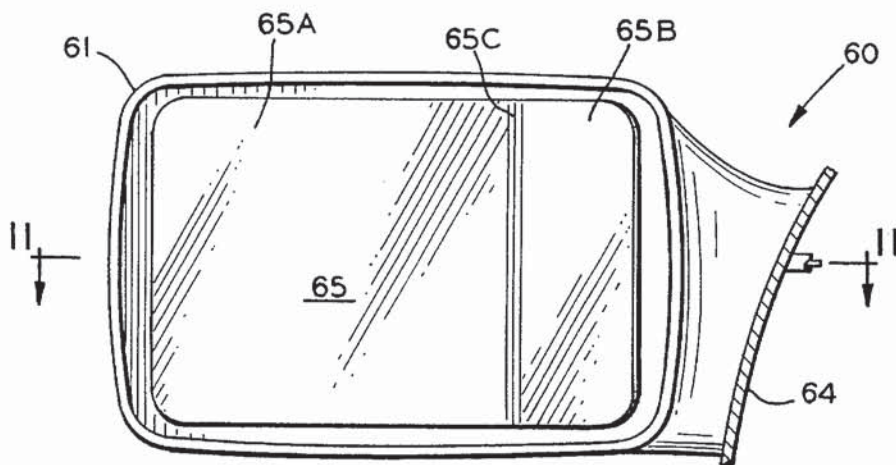


FIG. 10

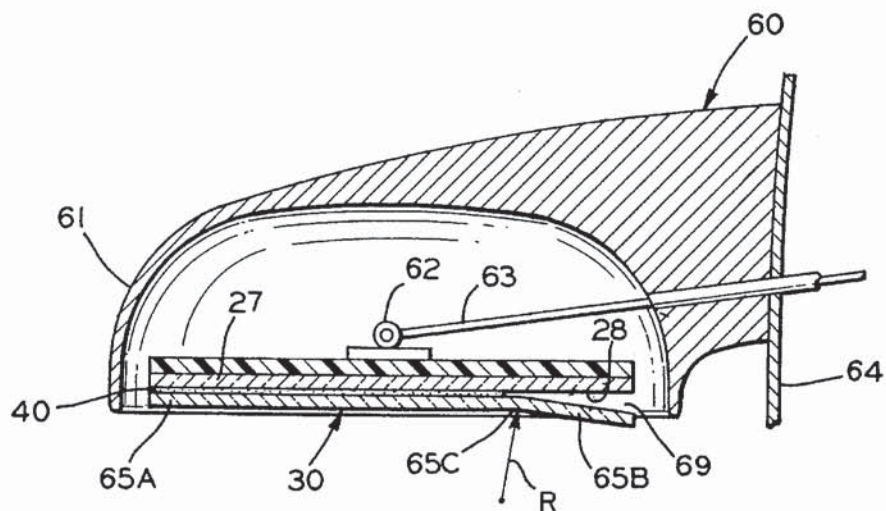


FIG. 11

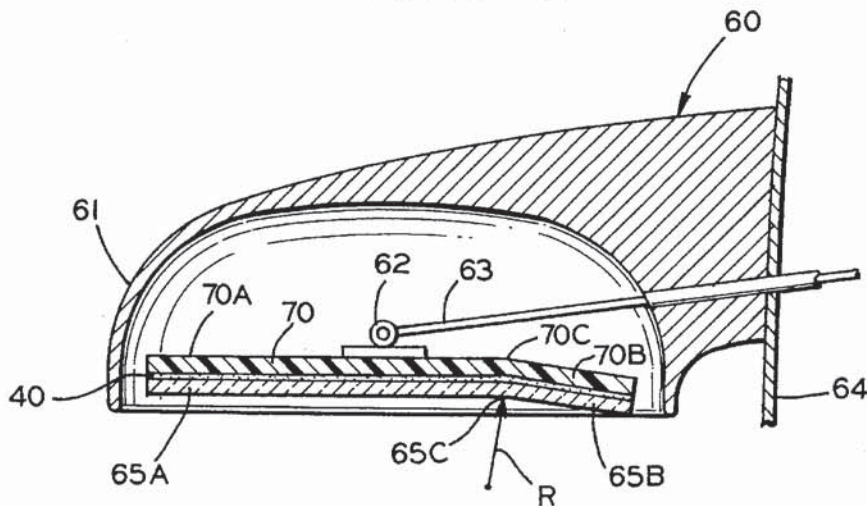


FIG. 12

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.