



US 20020072026A1

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2002/0072026 A1**  
Lynam et al. (43) **Pub. Date: Jun. 13, 2002**

(54) **EXTERIOR MIRROR PLANO-AUXILIARY REFLECTIVE ELEMENT ASSEMBLY**

**Publication Classification**

(76) Inventors: **Niall R. Lynam**, Holland, MI (US);  
**John O. Lindahl**, Fruitport, MI (US);  
**Hahns Y. Fuchs**, Dorfprozelten (DE)

(51) **Int. Cl.<sup>7</sup>** ..... **F27D 15/02**  
(52) **U.S. Cl.** ..... **432/77**

(57) **ABSTRACT**

Correspondence Address:  
**Catherine S. Collins**  
**Van Dyke, Gardner, Linn & Burkhart, LLP**  
**2851 Charlevoix Dr., S.E., Ste. 207**  
**P.O. Box 888695**  
**Grand Rapids, MI 49588-8695 (US)**

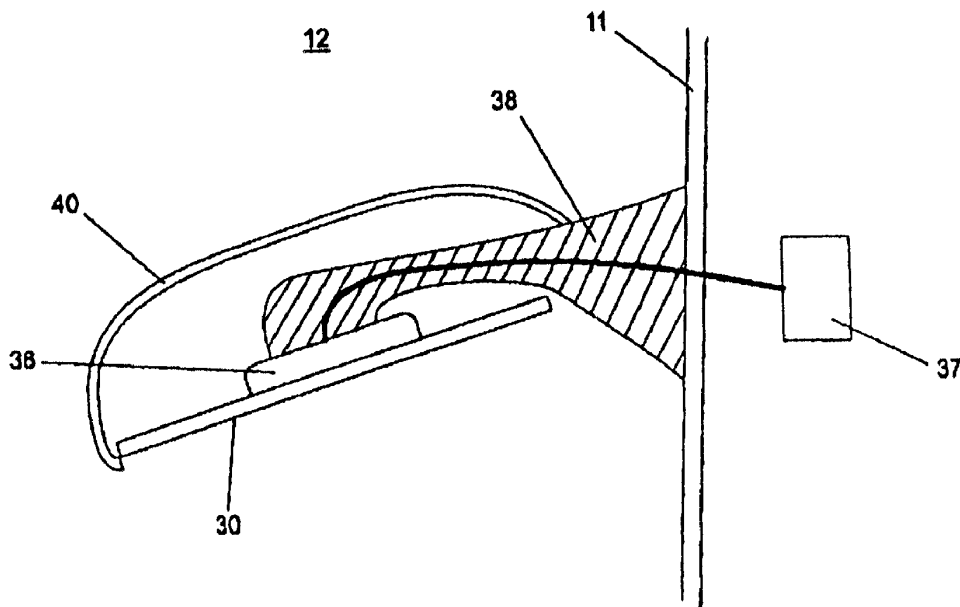
This invention provides a reflective element assembly suitable for use in an exterior sideview mirror assembly mounted to the side body of an automobile. The reflective element assembly includes a first reflective element and a second reflective element. The second reflective element is angled downwardly and forwardly with respect to the first reflective element when the mirror assembly is mounted to a side of an automobile to provide an increased field of view. In one form, both reflective elements are commonly supported on a bezel, which is mounted to the mirror assembly casing. In another form, the reflective elements are separately mounted, with the second reflective element fixedly mounted to the casing and the first reflective element movably supported in the mirror casing, for example, on an actuator.

(21) Appl. No.: **09/745,172**

(22) Filed: **Dec. 20, 2000**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 09/478,315, filed on Jan. 6, 2000.



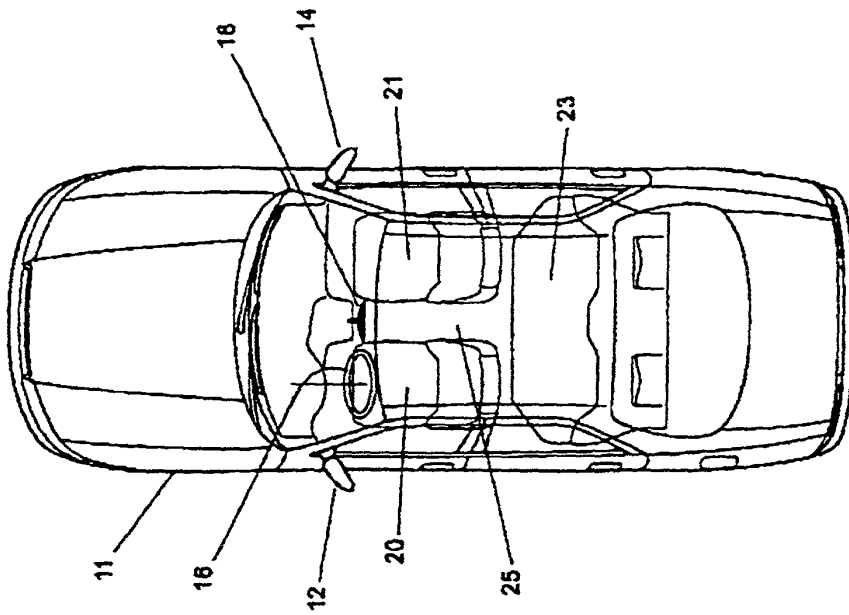


Figure 1

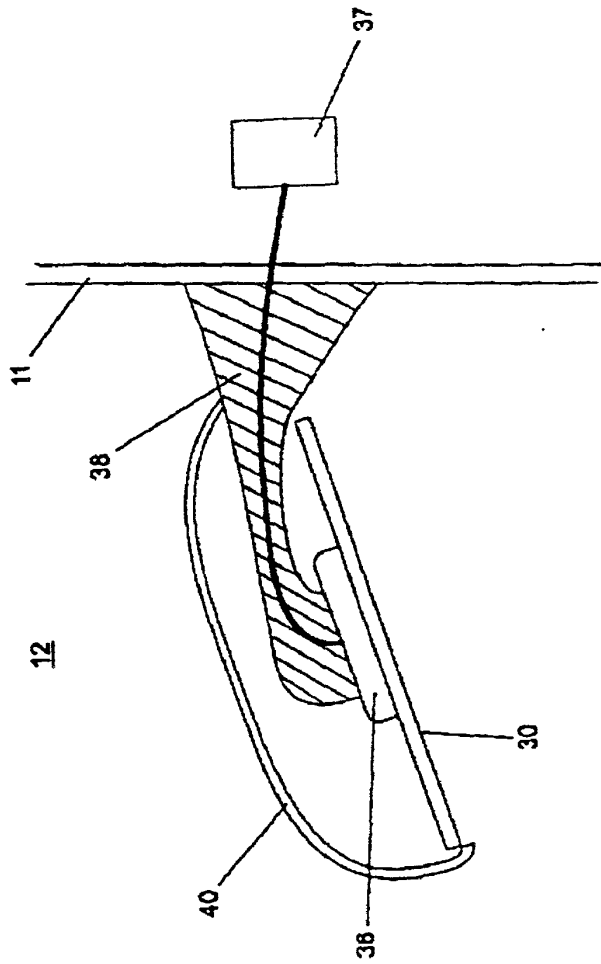


Figure 2

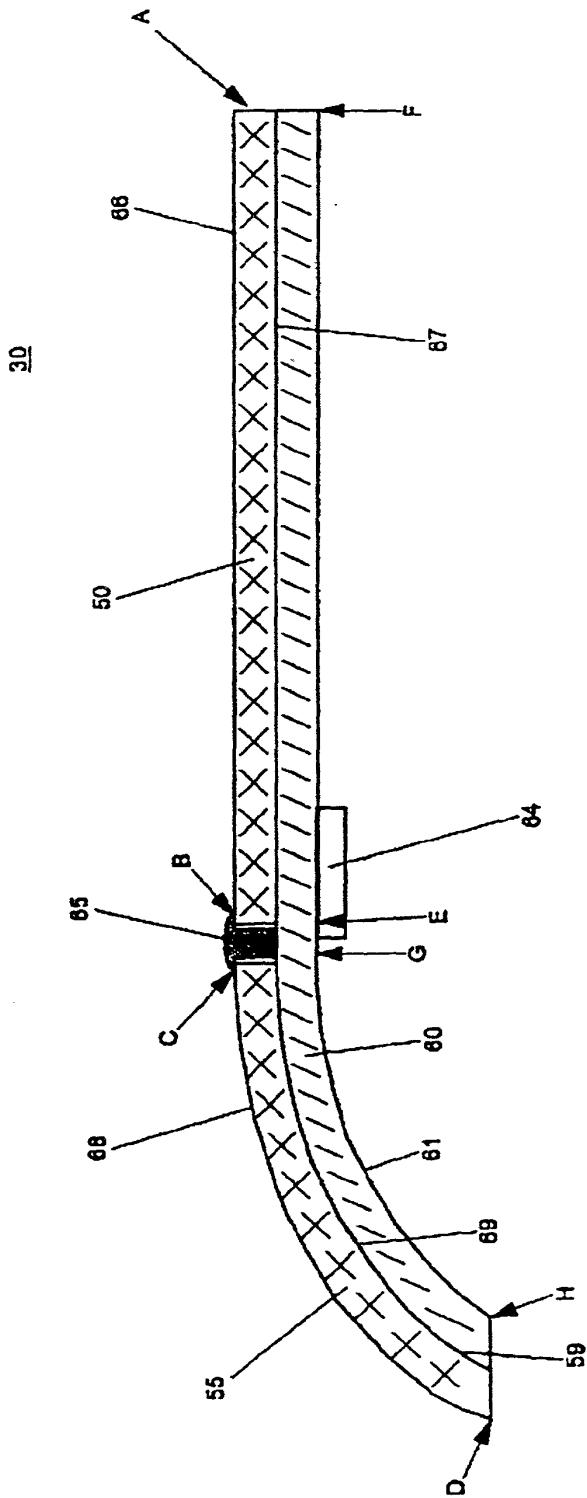


Figure 3

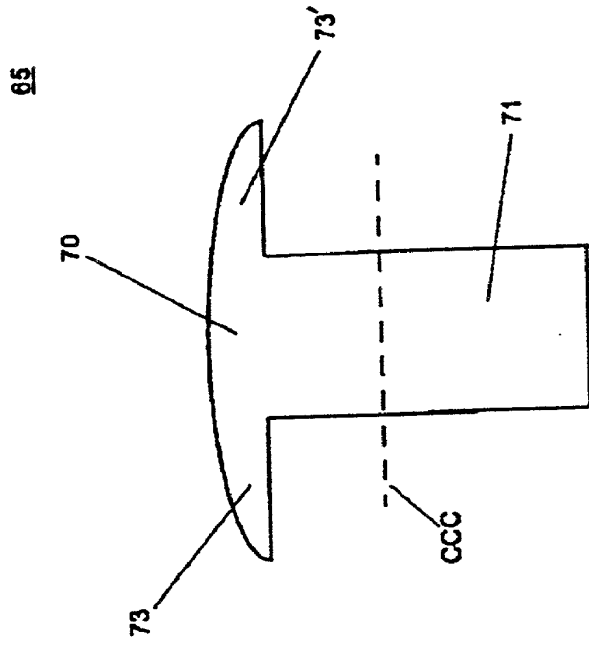


Figure 4

# 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.