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(54) LIGHT EMITTING PANEL ASSEMBLIES FOR USE IN AUTOMOTIVE APPLICATIONS AND THE LIKE

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(US)

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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.

This patent is subject to a terminal dis-

claimer.

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Related U.S. Application Data

- (60) Continuation of application No. 10/005,090, filed on Dec. 5, 2001, now Pat. No. 6,508,563, which is a continuation of application No. 09/703,088, filed on Oct. 31, 2000, now Pat. No. 6,367,940, which is a continuation of application No. 09/167,949, filed on Oct. 7, 1998, now Pat. No. 6,158,867, which is a division of application No. 08/585,062, filed on Jan. 16, 1996, now Pat. No. 5,895,115.
- (51) Int. Cl.⁷ G01D 11/28

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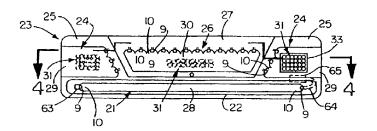
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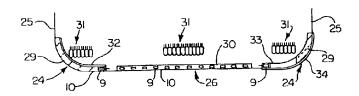
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(57) ABSTRACT

Light emitting panel assemblies include in one form of the invention a light emitting panel member made of a transparent resiliently deformable elastomeric material that absorbs impact without breakage for use in automotive lighting applications of various types. In another form of the invention, a rigid light emitting panel member may be used with dome switches for switch area lighting or to backlight control buttons/key pads. Also, a rigid light emitting panel member may be used as a structural member, and two or more such light emitting panel members may be stacked together and used to light an instrument panel or the like.

33 Claims, 5 Drawing Sheets







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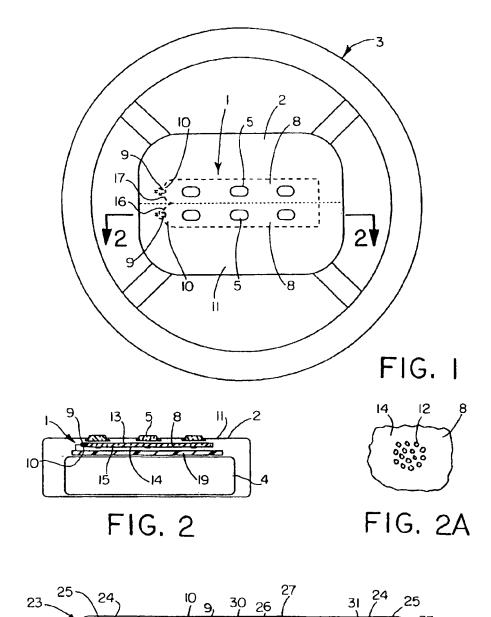
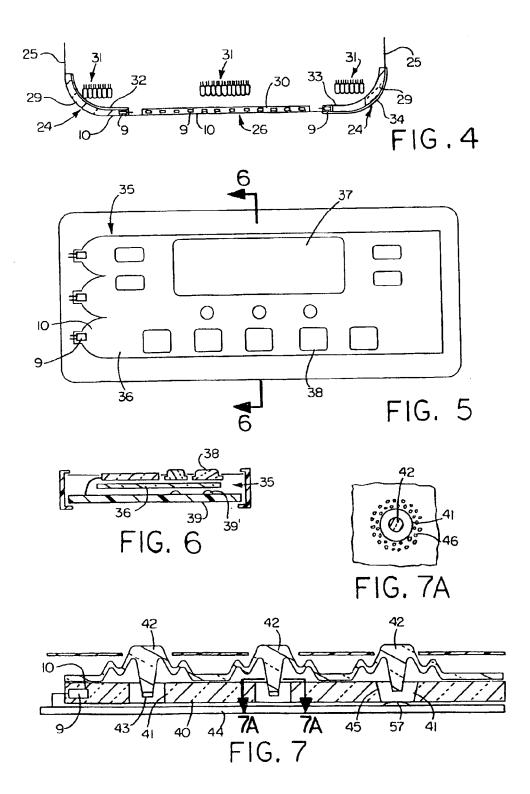


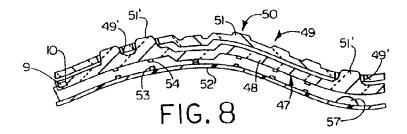


FIG. 3

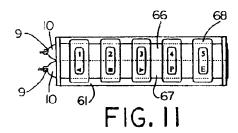
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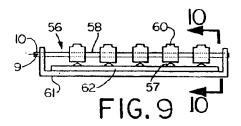


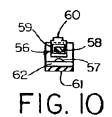


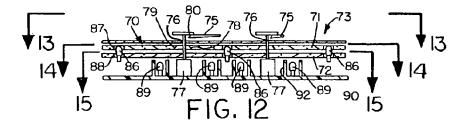


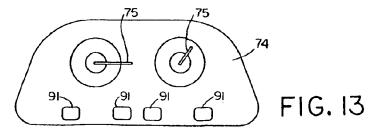
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