United States Patent [19]

Konno et al.

[54] LIGHT-DIFFUSING SHEET MEMBER

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- [22] Filed: Jun. 5, 1996

Related U.S. Application Data

[63] Continuation of Ser. No. 954,304, Sep. 30, 1992, abandoned.

[30] Foreign Application Priority Data

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Jan. 13, 1992	[JP]	Japan	 4-000679	U

- [51] Int. Cl.⁶ G02B 5/02

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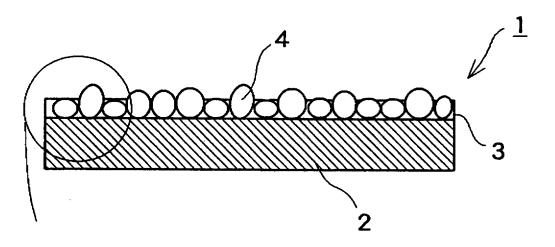
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[57] ABSTRACT

A light diffusing sheet member used as a diffusing plate of a liquid crystal display by which light transmitted from a light source is uniformly diffused so that the luminance of a screen of a light diffusing plate liquid crystal display portion is sufficient and a user can easily look at characters, graphics and the like displayed on the screen from different angles. A light diffusing sheet member comprises a base material sheet and a light diffusing layer applied on the top face of the base material sheet, and beads mixed therein. The beads have different sizes, and include particles buried in a synthetic resin and particles which at least partially project from the synthetic resin.

4 Claims, 5 Drawing Sheets



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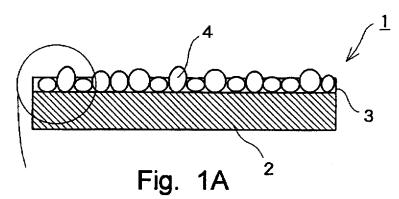
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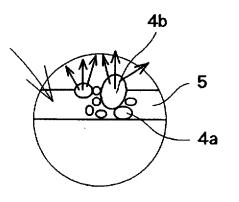


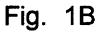
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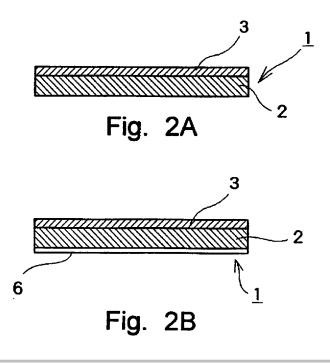
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[45] Date of Patent: Jan. 6, 1998

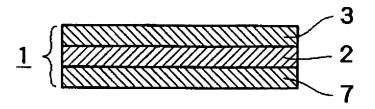




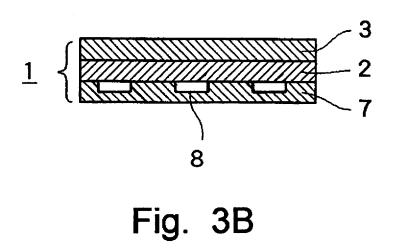




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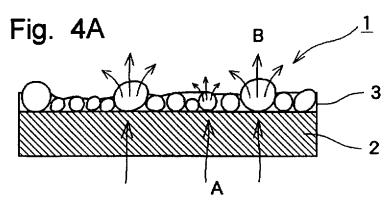


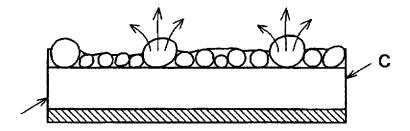


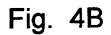


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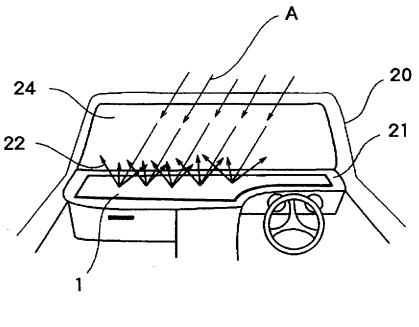
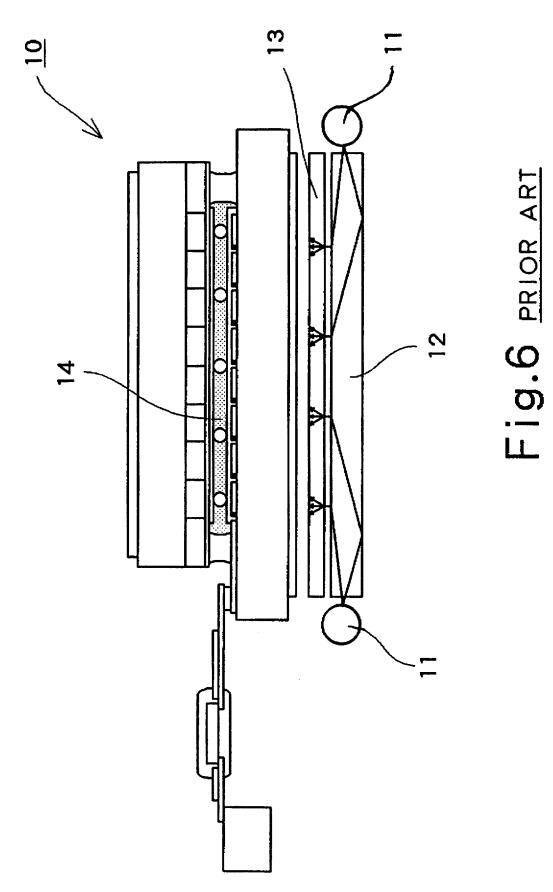


Fig.5

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