United States Patent [19]

Fergason

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[54] **ENCAPSULATED LIQUID CRYSTAL AND METHOD**

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[*] Notice: The portion of the term of this patent subsequent to Mar. 6, 2001 has been disclaimed.

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[22] Filed: **Jun. 29, 1984**

Related U.S. Application Data

[60] Division of Ser. No. 477,242, Mar. 21, 1983, which is a continuation-in-part of Ser. No. 302,780, Sep. 15, 1981, Pat. No. 4,435,047.

[51] **Int. Cl.**[4] **G02F 1/13**

[52] **U.S. Cl.** **350/334;** 350/344

[58] **Field of Search** 350/334, 344, 351

[56] **References Cited**

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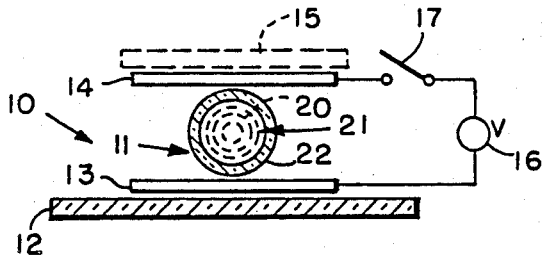
[57] **ABSTRACT**

Briefly, according to one aspect of the invention, liquid crystal material, and especially nematic material, is encapsulated; according to another aspect the encapsulated liquid crystal material is used in liquid crystal devices, such as relatively large size visual display devices; and according to further aspects there are provided methods for encapsulating liquid crystal material and for making a liquid crystal device using such encapsulated liquid crystal material.

28 Claims, 7 Drawing Figures