4,357,771

United States Patent [19]

Olds

[11] **4,357,771**

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[54] **OPTICAL FILTER DEVICE**

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[51] **Int. Cl.**[3] **H04N 5/72**; H01J 61/40; G09F 13/00

[52] **U.S. Cl.** **40/444**; 40/579; 40/560; 353/75; 350/317; 350/319

[58] **Field of Search** 40/444, 579, 560, 580; 353/75; 350/317, 318, 319

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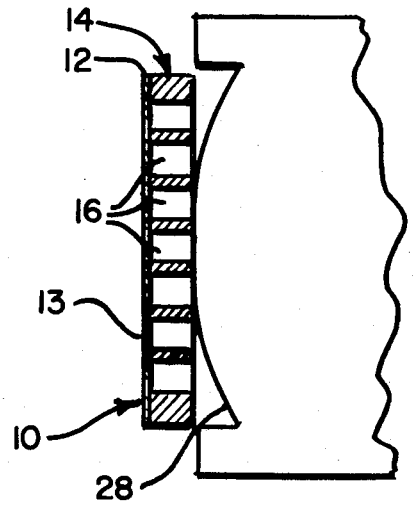
[57] **ABSTRACT**

An optical filter transforms defined color light images from television sets, projectors, and the like, into an endless variety of color abstracts. A plurality of light-collector channels conduct light from a color image to a translucent display screen, each channel diffusing and averaging light passing therethrough.

23 Claims, 18 Drawing Figures