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(54) **DYNAMIC LENS**

(75) Inventors: **Ronald D. Blum**, Roanoke, VA (US);
Anthony Van Heugten, Sarasota, FL (US)

(73) Assignee: **Mitsui Chemicals, Inc.**, Tokyo (JP)

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See application file for complete search history.

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Primary Examiner — James Greece

(74) *Attorney, Agent, or Firm* — Kilpatrick Townsend & Stockton LLP

(57) **ABSTRACT**

A device and/or apparatus that comprises a dynamic optical lens is provided. A first apparatus includes a first lens component having a first surface and a second surface. The first apparatus further includes a second lens component that comprises a flexible element. The first apparatus also includes a fluid that may be applied between at least a portion of the first lens component and at least a portion of the second lens component. The flexible element of the second lens component is such that it conforms to the first surface of the first lens component when an amount of fluid between the first surface of the first lens component and the second lens component is sufficiently low. The flexible element of the second lens component is also such that it does not conform to the first surface of the first lens component when an amount of fluid between the first surface of the first lens component and the second lens component is sufficiently great.

25 Claims, 22 Drawing Sheets

