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- (71) **Applicants (for all designated States except US):** **SUM-ITOMO BAKELITE CO., LTD.** [JP/JP]; 5-8 Higashi-shinagawa, 2-chome Shinagawa-ku, Tokyo, 140-0002 (JP). **PROMERUS LLC** [US/US]; 9921 Breckville Road, Brecksville, OH 44141 (US).
- (72) **Inventors; and**
- (75) **Inventors/Applicants (for US only):** **ONISHI, Osamu** [JP/JP]; 5-8 Higashi-shinagawa, 2-chome Shinagawa-ku, Tokyo, 140-0002 (JP). **IKEDA, Haruo** [JP/JP]; 5-8 Higashi-shinagawa, 2-chome Shinagawa-ku, Tokyo, 140-0002 (JP). **TAGASHIRA, Nobuo** [JP/JP]; 5-8 Higashi-shinagawa, 2-chome Shinagawa-ku, Tokyo, 140-0002 (JP). **RHODES, Larry** [US/US]; 3036 Vincent Road, Silver Lake, OH 44224 (US). **KANDANARACHCHI, Pramod** [CA/US]; 7205 W. Cross Creek Trail, Breckville, OH 44141 (US).
- (74) **Agent:** **BERMAN, Bernard**; Promerus LLC, 9921 Brecksville Road, Brecksville, OH 44141 (US).
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(54) **Title:** A SELF-IMAGEABLE LAYER FORMING POLYMER AND COMPOSITIONS THEREOF

(57) **Abstract:** Copolymers and compositions thereof useful for forming self-imageable films encompassing such copolymers are disclosed. Such copolymers encompass norbornene-type repeating units and maleic anhydride-type repeating units where at least some of such and maleic anhydride-type repeating units have been ring-opened. The films formed from such copolymer compositions provide self imageable, low-k, thermally stable layers for use in microelectronic and optoelectronic devices.

