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- (71) Applicant: **BREWER SCIENCE INC.** [US/US]; 2401
Brewer Drive, Rolla, Missouri 65401 (US).
- (72) Inventors: **SULLIVAN, Daniel M.**; 10200 Southwood
Drive, Rolla, Missouri 65401 (US). **STROUD, Charlyn**;
PO Box 787, St. James, Missouri 65559 (US). **DAI, Jin-
hua**; 1511A Pershing Place, Rolla, Missouri 65401 (US).
- (74) Agent: **BORNMAN, Tracy L.**; Hovey Williams LLP,
10801 Mastin Blvd. Suite 1000, 84 Corporate Woods,
Overland Park, Kansas 66210 (US).

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(54) Title: NONPOLYMERIC ANTIREFLECTION COMPOSITIONS CONTAINING ADAMANTYL GROUPS

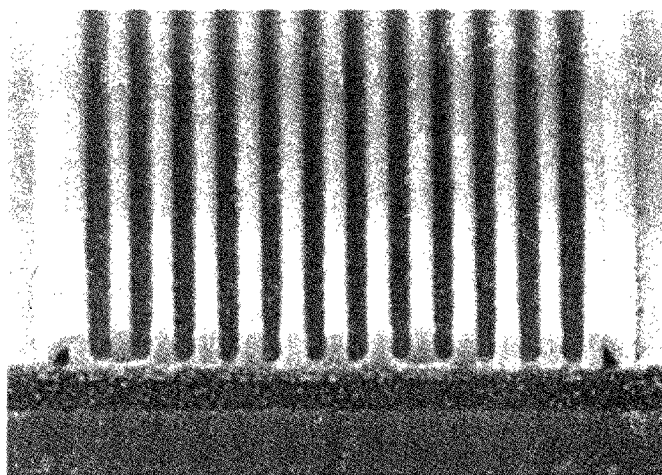


Fig. 3

(57) **Abstract:** Nonpolymeric compounds, compositions, and methods for forming microelectronic structures, and the structures formed therefrom are provided. The nonpolymeric compounds are ring-opened, epoxide-adamantane derivatives that comprise at least two epoxy moieties and at least one adamantyl group, along with at least one chemical modification group, such as a chromophore, bonded to a respective epoxy moiety. Anti-reflective and/or planarization compositions can be formed using these compounds and used in lithographic processes, including fabrication of microelectronic structures.



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