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- (71) **Applicant (for all designated States except US):** **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, Oakland, CA 95607-5200 (US).
- (72) **Inventors; and**
- (75) **Inventors/Applicants (for US only):** **YANG, Yang** [US/US]; 13730 Bayliss Road, Los Angeles, CA 90049 (US). **DOU, Letian** [CN/US]; 3770 Keystone Avenue, Apartment 209, Los Angeles, CA 90034 (US). **YOU, Jing-Bi** [CN/US]; Department of Materials Science and Engineering, UCLA, Room 2020, Engineering-V Building, 420 Westwood Plaza, Los Angeles, CA 90095 (US).
- (74) **Agents:** **DALEY, Henry, J.** et al.; Venable LLP, P.O. Box 34385, Washington, DC 20043-9998 (US).
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(54) **Title:** ACTIVE MATERIALS FOR ELECTRO-OPTIC DEVICES AND ELECTRO-OPTIC DEVICES

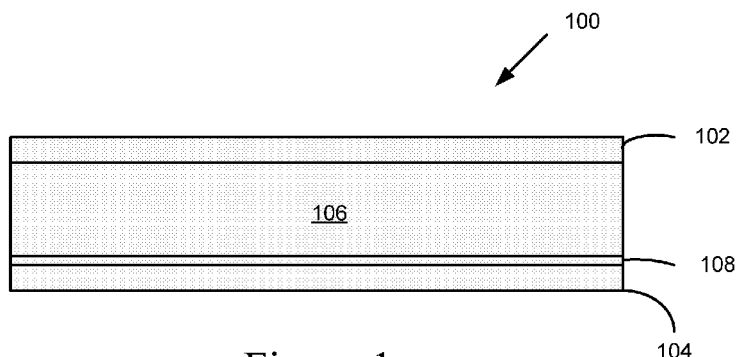


Figure 1

(57) **Abstract:** Tandem electro-optic devices and active materials for electro-optic devices are disclosed. Tandem devices include p-type and n-type layers between the active layers, which are doped to achieve carrier tunneling. Low bandgap conjugated polymers are also disclosed.