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(71) Applicant *(for all designated States except US)*: **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

(72) Inventors; and

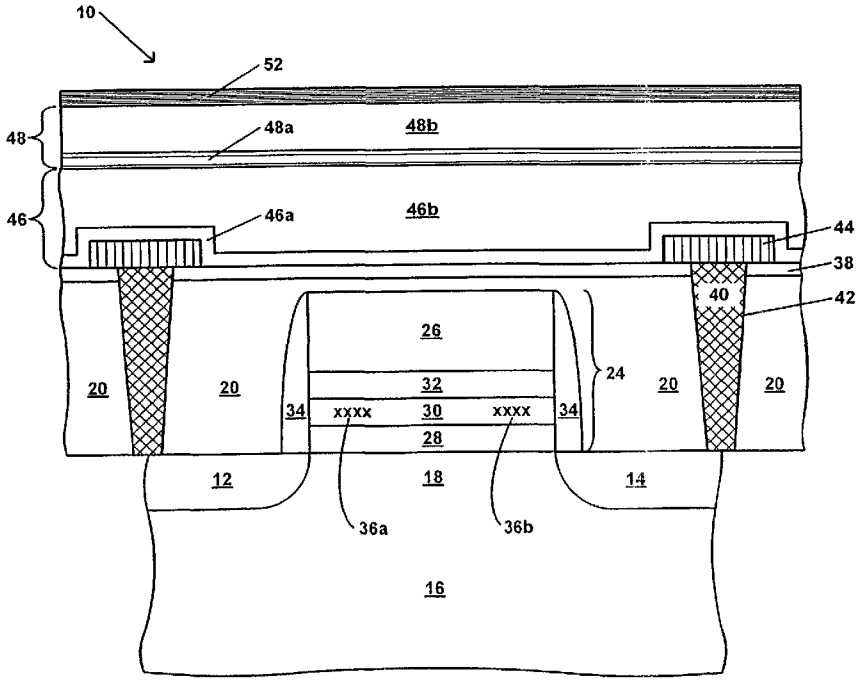
(75) Inventors/Applicants *(for US only)*: **NGO, Minh, Van**; 40986 Canyon Heights Drive, Fremont, CA 94539 (US). **KAMAL, Tazrien**; 390 Elan Village Lane #304, San Jose, CA 95134 (US). **RAMSBEY, Mark, T.**; 402 Cumulus Avenue, Sunnyvale, CA 94087 (US). **HALLIYAL, Arvind**; 20679 Shelly Drive, Cupertino, CA 95014 (US). **PARK, Jaeyong**; 1069 Greco Avenue #B-213, Sunnyvale, CA 94087 (US). **CHENG, Ning**; 10210 Parkwood Drive, #6, Cupertino, CA 95014 (US). **ERHARDT, Jeff, P.**; 4355 Renaissance Dr., #112, San Jose, CA 95134 (US). **SHIELDS, Jeffrey, A.**; 445 Kenmore Avenue, Sunnyvale, CA 94086 (US). **FERGUSON, Clarence**; 6023 Buffett Place, San Jose, CA 95123 (US). **HUI, Angela, T.**; 362 Pilgrim Loop, Fremont, CA 94539 (US). **HUERTAS, Robert, A.**; 975 Matador Drive, Hollister, CA 95023 (US). **GOTTIPATI, Tyagamohan**; 474 Senn Court, Sunnyvale, CA 94086 (US).

(74) Agent: **COLLOPY, Daniel, R.**; Advanced Micro Devices, Inc., 1 AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

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(54) Title: UV-BLOCKING LAYER FOR REDUCING UV-INDUCED CHARGING OF SONOS DUAL-BIT FLASH MEMORY DEVICES IN BEOL PROCESSING



(57) Abstract: A method of protecting a SONOS flash memory cell (24) from UV-induced charging, including fabricating a SONOS flash memory cell (24) in a semiconductor device (10, 50); and depositing over the SONOS flash memory cell (24) at least one UV-protective layer (38, 46, 48 or 52), the UV-protective layer including a substantially UV-opaque material. A SONOS flash memory device (10, 50), including a SONOS flash memory cell (24); and at least one UV-protective layer (38, 46, 48 or 52), in which the UV-protective layer comprises a substantially UV-opaque material, is provided.

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