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UTSUMI et al.(10) **Pub. No.: US 2010/0266955 A1**(43) **Pub. Date: Oct. 21, 2010**(54) **POSITIVE RESIST COMPOSITION AND
METHOD OF FORMING RESIST PATTERN**(75) Inventors: **Yoshiyuki UTSUMI**, Kawasaki-shi
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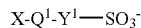
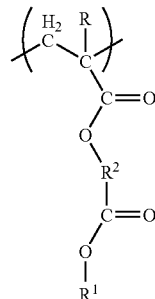
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G03F 7/20 (2006.01)(52) **U.S. Cl.** **430/285.1; 430/326**(57) **ABSTRACT**

A positive resist composition including a base component (A) which exhibits increased solubility in an alkali developing solution under action of acid and an acid-generator component (B) which generates acid upon exposure, the component (A) including a polymeric compound (A1) having a structural unit (a0) represented by general formula (a0-1) (wherein R represents a hydrogen atom, an alkyl group of 1 to 5 carbon atoms or a halogenated alkyl group of 1 to 5 carbon atoms; R¹ represents an acid dissociable, dissolution inhibiting group; and R² represents a divalent hydrocarbon group), and the acid generator (B) including an acid generator (B1) having an anion moiety represented by general formula (I) (wherein X represents a hydrocarbon group of 3 to 30 carbon atoms; Q¹ represents a divalent linking group containing an oxygen atom; and Y¹ represents an alkylene group of 1 to 4 carbon atoms or a fluorinated alkylene group of 1 to 4 carbon atoms).

(a0-1)



(I)