5

55

wherein R¹ is hydrogen, or a straight, branched or cyclic $\mathrm{C_{1}\text{-}C_{30}}$ alkyl, $\mathrm{C_{6}\text{-}C_{30}}$ aryl, $\mathrm{C_{7}\text{-}C_{30}}$ aralkyl, $\mathrm{C_{2}\text{-}C_{30}}$ alkenyl, C_2 - C_{10} alkenyl, or C_4 - C_{12} heterocyclic-bearing group, or a combination of such groups, which group may contain a hydroxyl, mercapto, carboxyl, ether, thio ether, ester, sulfonic acid ester, sulfonyl, lactone ring, carbonyl, cyano, nitro, halogen, trifluoromethyl, amide, imide, sulfonamide, carbonate, sulfide, —N=CR—O-, —N=CR—S-, or =N-O-N=moiety, or R¹ may be an acid labile group; R is hydrogen, mercapto, hydroxyl or C₁-C₃ alkyl, or may bond with the nitrogen atom in formula (1) to form a ring; R² and R³ each are 20 hydrogen, a straight or branched C₁-C₄ alkyl group or C₂-C₄ alkenyl group, or R² and R³ may bond together to form a ring with the carbon atom to which they are attached; R4, R5 and R⁶ are each independently a straight, branched or cyclic C_1 - C_{12} alkyl, alkenyl, oxoalkyl or oxoalkenyl group, C_6 - C_{20} 25 aryl, C_7 - C_{12} aralkyl or aryloxoalkyl group, in which at least one hydrogen atom may be substituted by an ether, ester, carbonyl, carbonate, hydroxyl, carboxyl, halogen, cyano, amide, nitro, sultone, sulfonic acid ester, sulfone moiety, or sulfonium salt-containing substituent, R⁴ and R⁵ may bond together to form a ring with the sulfur atom to which they are attached; R7 and R8 each are a C6-C20 aryl group which may contain a straight, branched or cyclic C₁-C₁₀ alkyl or alkoxy moiety, and m is an integer of 2 to 8.

13. The resist composition of claim 12 wherein the base polymer further comprises recurring units (a1) derived from (meth)acrylate, styrenecarboxylic acid or vinylnaphthalenecarboxylic acid having an acid labile group substituted thereon, or recurring units (a2) derived from hydroxystyrene having an acid labile group substituted thereon, as represented by the general formula (2):

wherein R^9 and R^{11} are each independently hydrogen or methyl, X is a single bond, a C_1 - C_{12} linking group having an ester moiety or lactone ring, phenylene group or naphthylene group, Y is a single bond or ester group, and R^{10} and R^{12} are each independently an acid labile group.

14. A process for forming a pattern comprising the steps of applying a resist composition onto a substrate, baking to form a resist film, exposing the resist film to ArF excimer laser radiation of 193 nm wavelength or KrF excimer laser radiation of 248 nm wavelength, and developing the exposed film with a developer,

170

wherein the resist composition comprises a base polymer and a sulfonium salt having the general formula (1)-1 or a iodonium salt having the general formula (1)-2,

wherein R¹ is hydrogen, or a straight, branched or cyclic C_1 - C_{30} alkyl, C_6 - C_{30} aryl, C_7 - C_{30} aralkyl, C_2 - C_{30} alkenyl, $\mathrm{C_2\text{-}C_{10}}$ alkenyl, or $\mathrm{C_4\text{-}C_{12}}$ heterocyclic-bearing group, or a combination of such groups, which group may contain a hydroxyl, mercapto, carboxyl, ether, thio ether, ester, sulfonic acid ester, sulfonyl, lactone ring, carbonyl, cyano, nitro, halogen, trifluoromethyl, amide, imide, sulfonamide, carbonate, sulfide, —N—CR—O—, —N—CR—S—, or —N—O-N=moiety, or R¹ may be an acid labile group; R is hydrogen, mercapto, hydroxyl or C₁-C₃ alkyl, or may bond with the nitrogen atom in formula (1) to form a ring; R² and R³ each are hydrogen, a straight or branched C₁-C₄ alkyl group or C₂-C₄ alkenyl group, or R2 and R3 may bond together to form a ring with the carbon atom to which they are attached; R⁴, R⁵ and R⁶ are each independently a straight, branched or cyclic C₁-C₁₂ alkyl, alkenyl, oxoalkyl or oxoalkenyl group, C₆-C₂₀ aryl, C7-C12 aralkyl or aryloxoalkyl group, in which at least one hydrogen atom may be substituted by an ether, ester, carbonyl, carbonate, hydroxyl, carboxyl, halogen, cyano, amide, nitro, sultone, sulfonic acid ester, sulfone moiety, or sulfonium salt-containing substituent, R⁴ and R⁵ may bond together to form a ring with the sulfur atom to which they are (2) 45 attached; R^7 and R^8 each are a C_6 - C_{20} aryl group which may contain a straight, branched or cyclic C₁-C₁₀ alkyl or alkoxy moiety, and m is an integer of 2 to 8.

15. A process for forming a pattern comprising the steps of applying a resist composition onto a substrate, baking to form a resist film, exposing the resist film to electron beam or extreme ultraviolet radiation of 3 to 15 nm wavelength, and developing the exposed film with a developer,

wherein the resist composition comprises a base polymer and a sulfonium salt having the general formula (1)-1 or a iodonium salt having the general formula (1)-2,