

**RADIATION SENSITIVE COMPOSITION FOR FORMING A COLORED
LAYER, COLOR FILTER AND
COLOR LIQUID CRYSTAL DISPLAY DEVICE**

Abstract of the Disclosure:

A radiation sensitive composition for forming a colored layer, comprising (A) a colorant, (B) an alkali-soluble resin,
5 (C) a polyfunctional monomer and (D) a photopolymerization initiator, wherein

the alkali-soluble resin (B) is a copolymer comprising (b1) at least one selected from the group consisting of an unsaturated carboxylic acid, an unsaturated carboxylic
10 anhydride and an unsaturated phenolic compound, (b2) an unsaturated compound having an alicyclic carbon ring structure and (b3) an unsaturated compound having an oxetane ring structure.

This composition is excellent in the storage stability
15 of the alkali-soluble resin itself, the storage stability of a pigment dispersion and the storage stability of a liquid composition even when the content of a pigment is high, is free from a reduction in film retention, a missing part of a pattern edge and an undercut even when the amount of exposure
20 is small, and provides pixels and a black matrix having excellent solvent resistance and adhesion to a substrate.