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(54) **METHOD OF FABRICATING QUANTUM DOTS LAYER, SUBSTRATE, AND DISPLAY APPARATUS**
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(57) **ABSTRACT**
A method of fabricating quantum dots layer is provided. The method includes converting a plurality of first block regions of a substrate from having a first property into having a second property different from the first property, the first property being selected from hydrophilic, oleophilic, and hydro-oleophobic, the second property being selected from hydrophilic and oleophilic; coating the plurality of first block regions with a first quantum dots material solution including a first ligand chelated to a first quantum dots material in a first solvent having the second property; converting the plurality of first block regions from having the second property into having the first property, and converting a plurality of second block regions of the substrate from having the first property into having the second property; and coating the plurality of second block regions with a second quantum dots material solution including a second ligand.

