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(54) **LIGHT-INDUCED SHAPE-MEMORY
POLYMER DISPLAY SCREEN**

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(57) **ABSTRACT**

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A light-induced shape-memory polymer display screen is provided herein. One example display device includes a display screen having a topography-changing layer including a light-induced shape-memory polymer. The display device further includes an imaging engine configured to project visible light onto the display screen, where the visible light may be modulated at a pixel level to form a display image thereon. The display device further includes a topography-changing engine configured to project agitation light of an ultraviolet band towards the display screen, where the agitation light is modulated at a pixel level to selectively change a topography of the topography-changing layer.

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