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(54) **SINGLE PLANE SPANNING MODE ACROSS INDEPENDENTLY DRIVEN DISPLAYS**

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(57) **ABSTRACT**

A multi-layer display device having a first display screen having a first resolution and adapted to present a first visual image thereon, a second display screen having a second resolution and adapted to present a second visual image thereon, and a logic device configured to communicate with the first display screen and the second display screen and configured to receive a combined single plane visual image for display on the first and second display screen, the combined visual image having a first portion corresponding to the first visual image to be displayed on the first display screen and a second portion corresponding to the second visual image to be displayed on the second display screen, wherein the logic device is configured to transmit the first visual image to the first display screen and the second visual image to the second display screen.

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