ABSTRACT OF THE DISCLOSURE

SYSTEM AND METHOD FOR IMPLEMENTATION OF INTERFEROMETRIC MODULATOR DISPLAYS

This invention generally relates to methods and systems that interferometric modulators, and in particular, for providing three-dimentional displays. One embodiment comprises a system for displaying to a user a stereoscopic image comprising pixels formed on a single substrate, wherein each pixel comprises at least a first interferometric modulator, and wherein the system is configured to display a first image to a first eye of the user and to display a second image to a second eye of the user. Directional display of the two portions of the stereoscopic image is implemented by fashioning two sets of interferometric modulators, one set inclined at a first angle with respect to the substrate, and the second set inclined at a second angle with respect to the substrate.

Figure 8