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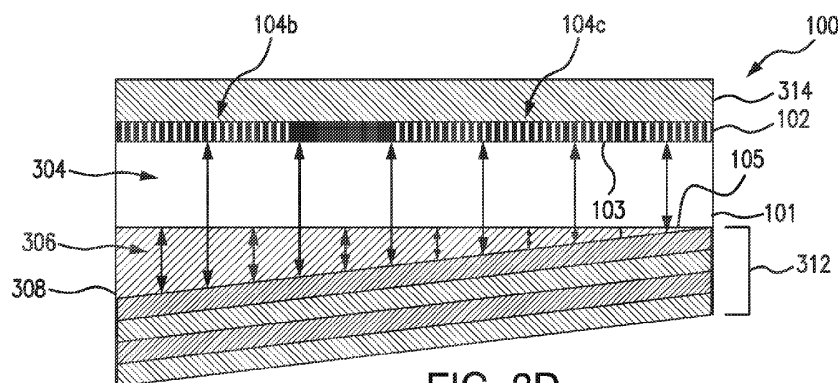
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(54) Title: METHOD TO IMPROVE DISPLAY EFFICIENCY AND UNIFORMITY OF AR WAVEGUIDE



(57) Abstract: Embodiments of the present disclosure generally relate to methods of modifying and engineering the effective thickness of an optical device substrate. The methods provide for depositing a material that is index-matched to the substrate to alter a thickness distribution of the optical device. By adjusting the thickness distribution, the optical path of light is modulated to direct the light to the output coupling grating.

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