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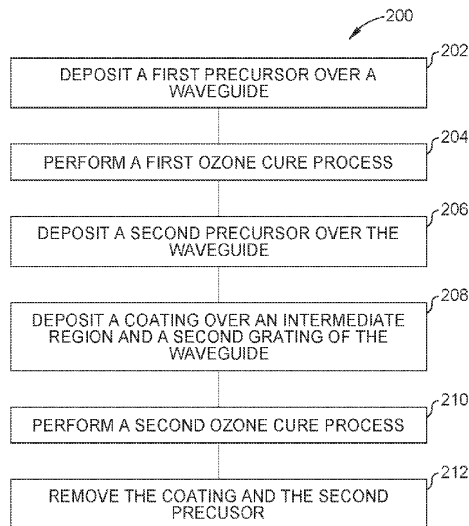


FIG. 2

(57) Abstract: A method includes depositing a first precursor over a waveguide, the first precursor deposited over a first grating, a second grating, and an intermediate region between the first grating and the second grating of the waveguide and is deposited to have a first thickness. The method further includes performing a first ozone cure process, the first ozone cure process curing the first precursor, and depositing a second precursor over the waveguide. The second precursor is deposited over the first grating, the second grating, and the intermediate region and is deposited to have a second thickness. The method further includes depositing a coating over the intermediate region and the second grating, performing a second ozone cure process, the second ozone cure process curing the second precursor over the first grating, and removing the coating and the second precursor over the second grating and the intermediate region.

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