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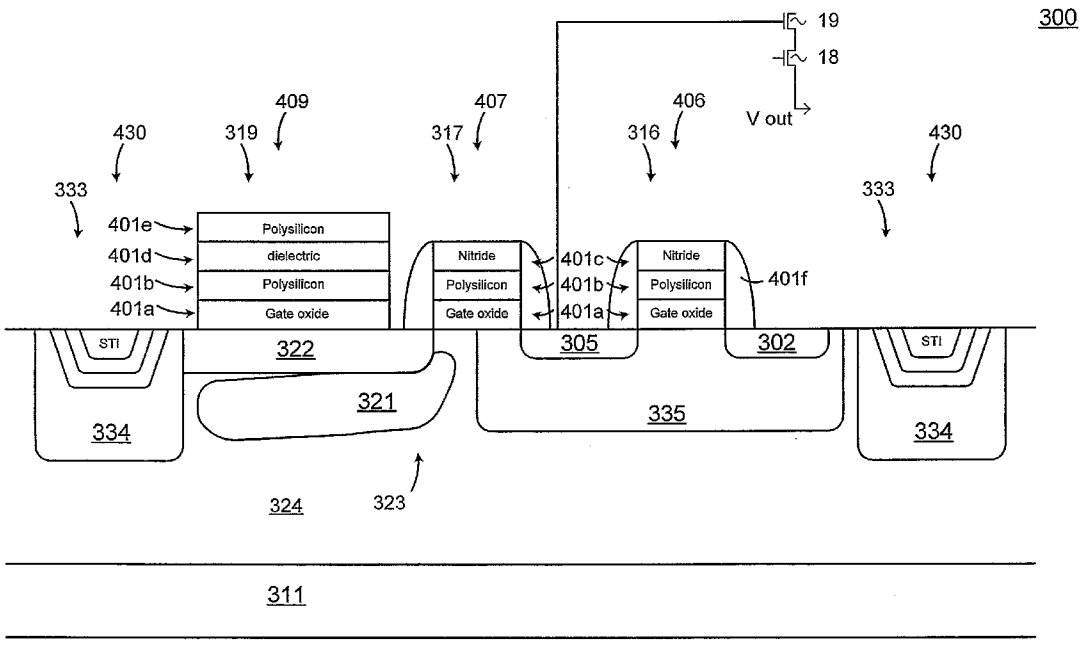
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(54) **Title:** SOLID STATE IMAGER WITH CAPACITOR OVER RED PIXEL



(57) **Abstract:** A color image sensor having a capacitor (690) formed over the photo-conversion region (662) of a red pixel (300) which is electronically connected to the floating diffusion (678) shared by a plurality of pixels. The plurality of pixels also share the readout circuitry (684, 691, 686, 688). The corresponding fabrication method is also disclosed.

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