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(54) Title: METHOD OF DETECTING PHOTONS AND PHOTON DETECTOR ARRANGEMENT

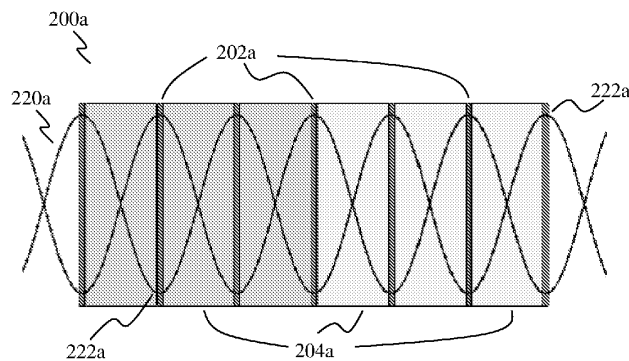


FIG. 2A

(57) Abstract: According to embodiments of the present invention, a method of detecting photons is provided. The method includes arranging a plurality of light absorbing elements to interact with an electromagnetic standing wave at a corresponding plurality of points of the electromagnetic standing wave to absorb at least part of the electromagnetic standing wave, the plurality of light absorbing elements being spaced apart from each other, and detecting electrical signals generated in response to the absorption to detect photons corresponding to the electromagnetic standing wave. According to further embodiments of the present invention, a photon detector arrangement is also provided.

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