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(54) **ELECTRO-OPTICAL COMPONENT HAVING A RECONFIGURABLE PHASE STATE**

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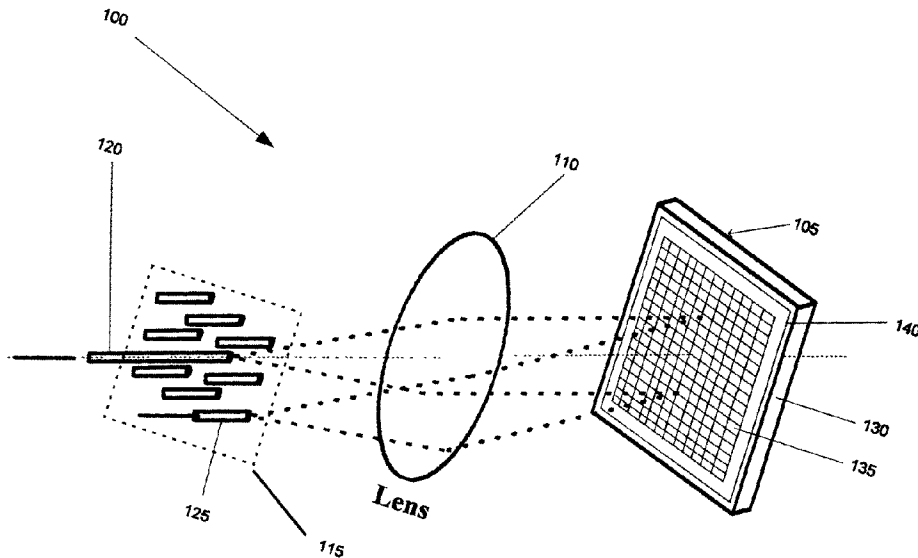
(57) **ABSTRACT**

There is provided an electro-optical component comprising (a) a substrate, (b) a phase-variable element carried on the substrate, (c) a memory carried on the substrate for storing data representative of a phase state for the phase-variable element; and (d) a controller carried on the substrate, for utilizing the data and setting the phase state for the element. There is also provided an electro-optical component comprising (a) a substrate, (b) a phase-variable element carried on the substrate, and (c) a circuit carried on the substrate for computing and applying a phase state for the phase-variable element.

(73) Assignee: **Intelligent Pixels, Inc.**

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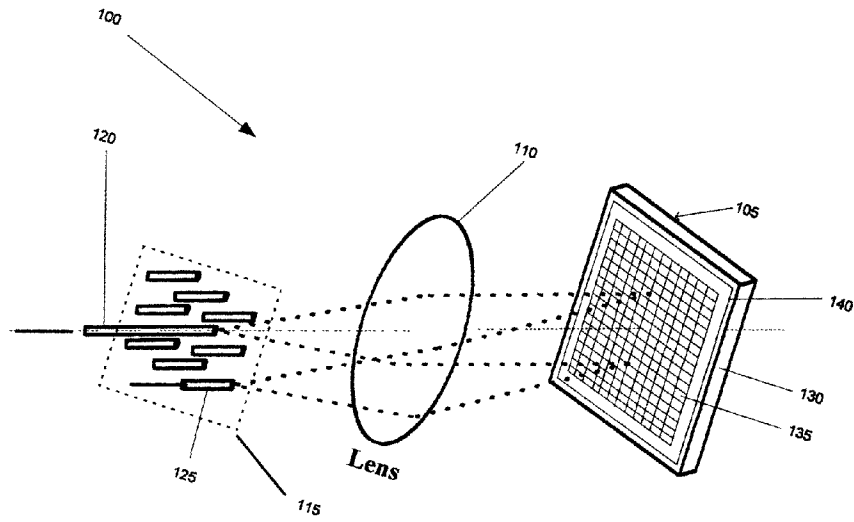


FIG. 1

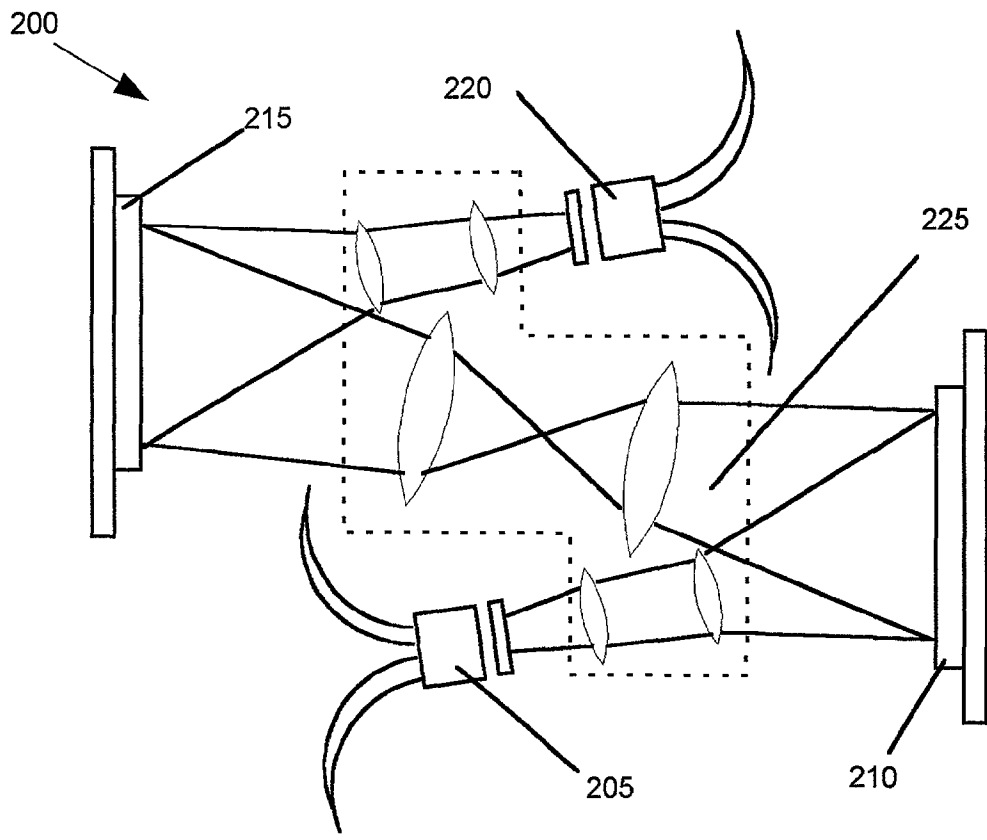


FIG. 2A

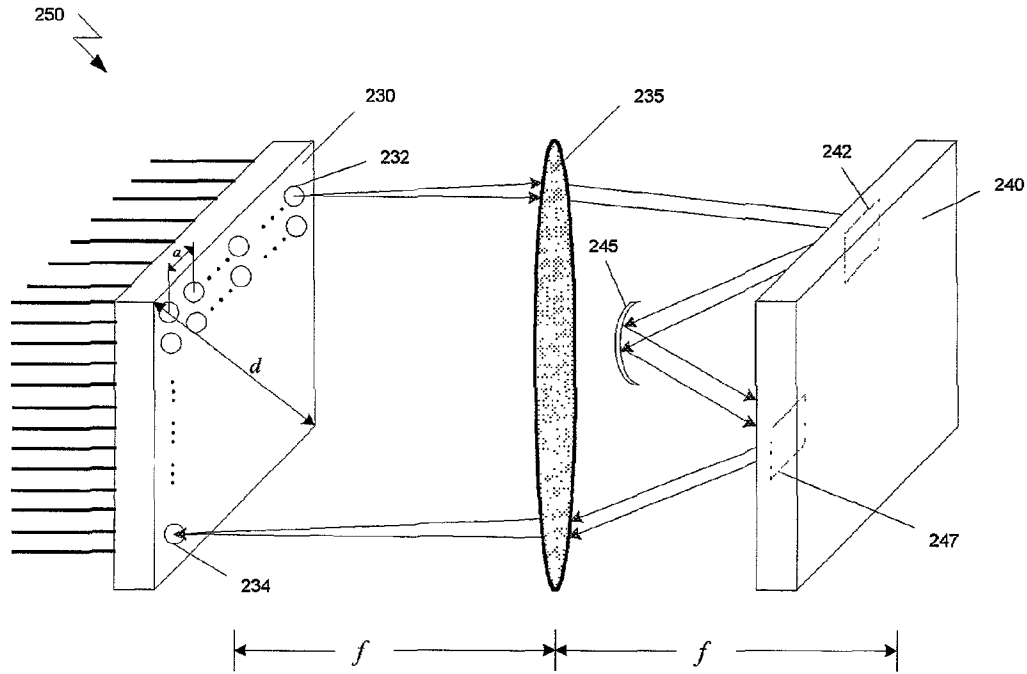


FIG. 2B

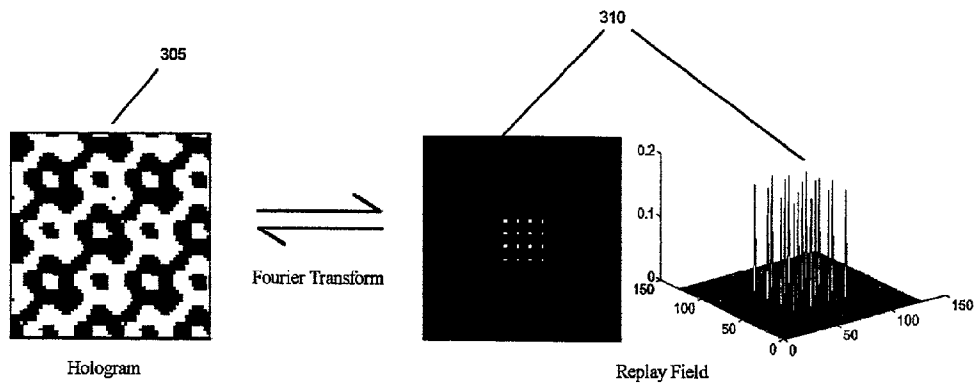


FIG. 3

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