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(54) **3D TOF CAMERA WITH MASKED ILLUMINATION**

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G01B 11/25 (2006.01)
G01B 9/02 (2006.01)

(52) **U.S. Cl.**
CPC ***G01B 11/25*** (2013.01); ***G01B 9/0201*** (2013.01)

(58) **Field of Classification Search**
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USPC 356/610, 611, 621
See application file for complete search history.

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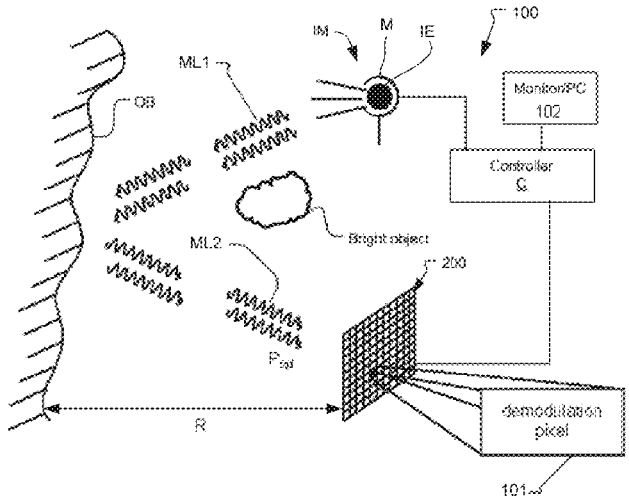
(57) **ABSTRACT**

A method and system for reducing multi-path effects (stray light and multiple reflections) in 3D time of flight cameras by partly masking the camera's illumination elements.

9 Claims, 13 Drawing Sheets