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(54) Title: COLLIMATING SYSTEM FOR PROVIDING HIGHLY EFFICIENT PARALLEL LIGHT

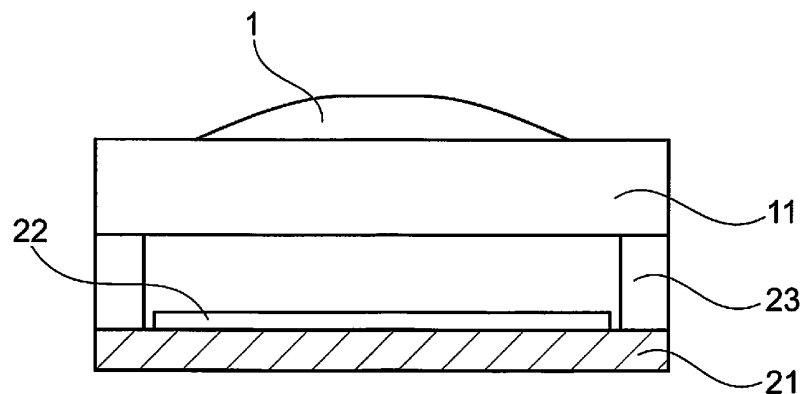


Figure 3

(57) Abstract: Provided is a collimating system comprising at least one glass substrate (11, 12) and at least one polymer lens (1, 2, 3, 4) being present on at least one side of the substrate (11, 12). Provided is a component comprising the collimating system, at least one light source (22) and at least one light source substrate (21). Provided is a method of producing a collimating system and the use of the collimating system, in particular for 3D imaging and sensing, distance measurement, depth measurement, face recognition, and/or object recognition.



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