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(54) Title: SYSTEM AND METHOD FOR MEASURING EDGE COUPLING ALIGNMENT

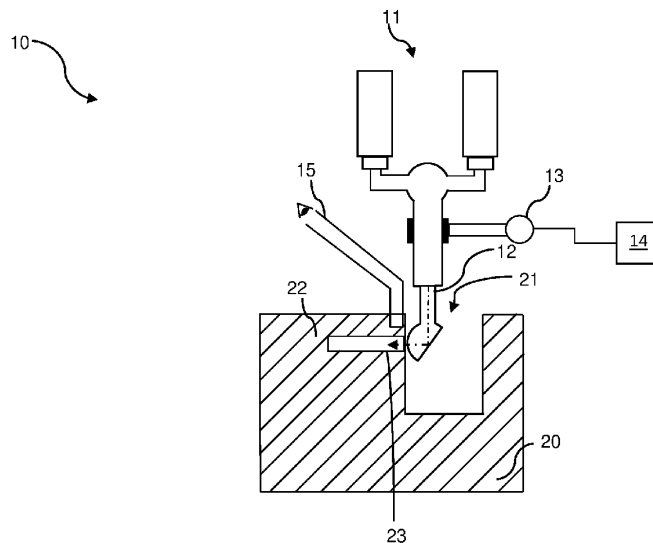


Figure 1

(57) Abstract: The present invention relates to a system (10) for measuring alignment of an edge coupling device (20) of a die in a semiconductor wafer. The system (10) comprises one or more light sources (11), one or more shaped fibers (12), a positioning device (13), a control unit (14) and a viewing device (15). The shaped fiber (12) is selectively connectable to the light sources (11), and the positioning device (13) is capable of positioning the shaped fiber (12) with respect to the edge coupling device (20). The control unit (14) controls the light sources (11) and the positioning device (13) and determines a displacement and a rotational angle of the shaped fiber (12) with respect to an entrance (23) of a waveguide (22) in the edge coupling device (20). A method for measuring alignment of the edge coupling device is also disclosed.

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