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(54) Title: OPTICAL INTERPOSER WITH COMMON ANGLED SURFACE

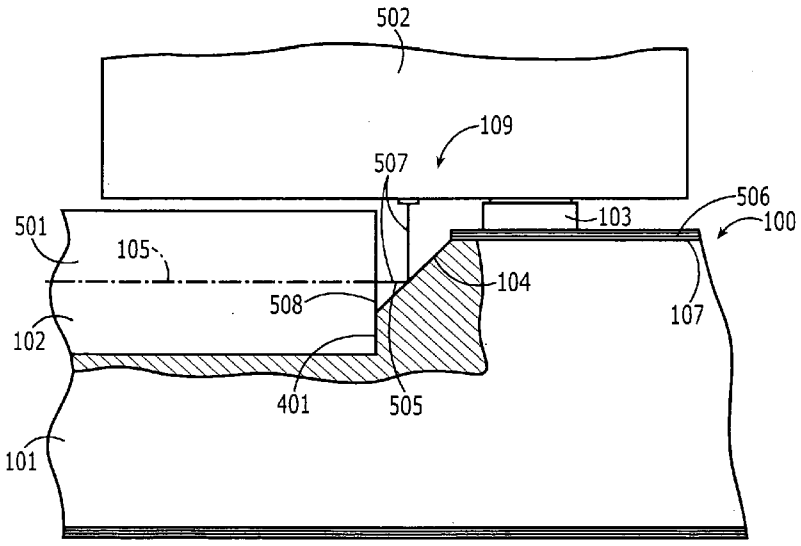

FIG. 5

(57) Abstract: An interposer (100) comprising a plurality of optical conduits (501), each having an optical axis (105), a substrate (101) defining a plurality of grooves (102) having a terminal end (109), each optical conduit (501) being disposed in a single groove (102), and a common angled surface (104) traversing two or more of the grooves (102) at the terminal end 109, at least a portion of the angled surface (104) proximate the optical axes (105) of the optical conduits (501) in the two or more grooves (102) is reflective, and one or more optical components (502) disposed above the angled surface (104), the optical components (502) and the optical conduits (501) being optically coupled by the angled surface (104).

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