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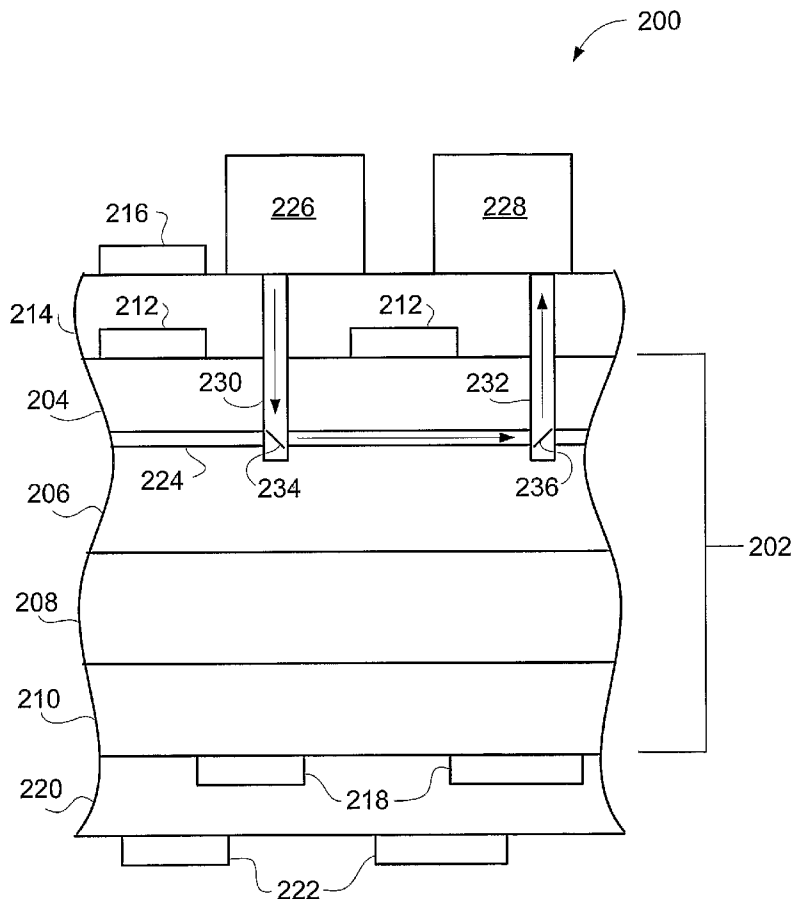
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(54) Title: CONNECTING A COMPONENT WITH AN EMBEDDED OPTICAL FIBER



(57) Abstract: The invention provides an optical connection between a component (226, 228) on a printed circuit board ("PCB") and an optical fiber (224) embedded in the PCB. The optical connection comprises an optical via (230,232) for allowing light to travel through the matrix material between the surface of the PCB and the embedded optical fiber and an optical redirector (234, 236) for redirecting light received from the optical fiber (224) along the optical via (230,232) toward the surface of the device and for redirecting light received from the optical via (230,232) into the optical fiber. By optically connecting the component with the optical fiber, the component may use the optical fiber (224) for high speed optical data communication.

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