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United States Patent [19]

Maynard

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[54]	HYBRID-OPTICAL MULTI-AXIS BEAM STEERING APPARATUS		
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[21]	Appl. No.: 695,717		
[22]	Filed: Aug. 12, 1996		
	Int. Cl. ⁶		
[58]	385/83 Field of Search		
[56]	References Cited		

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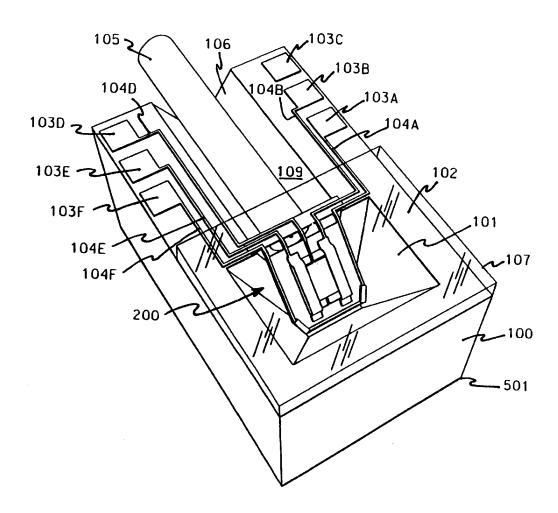
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Primary Examiner—Hung N. Ngo Attorney, Agent, or Firm—Wilson Sonsini Goodrich & Rosati

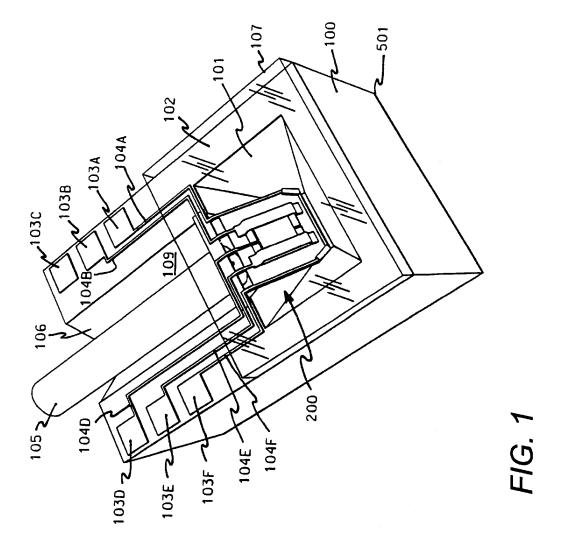
[57] ABSTRACT

An apparatus for precisely steering a beam of light by making use of a hybrid inter optical alignment precision which occurs when a beam steering mechanism is micromachined with respect to a crystallographic orientation of a substrate.

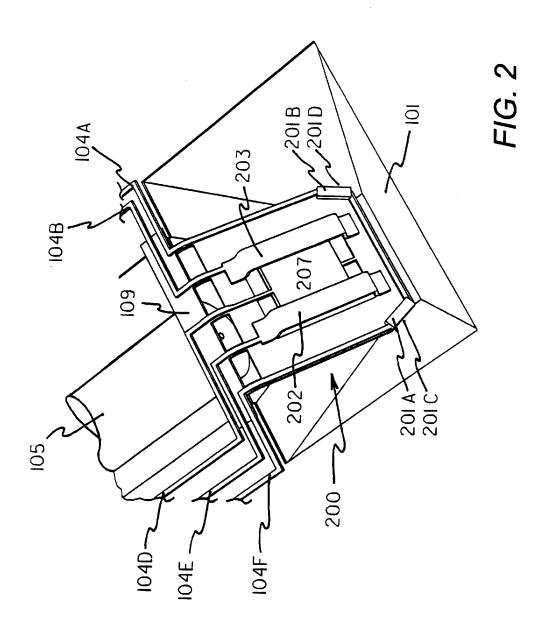
45 Claims, 17 Drawing Sheets



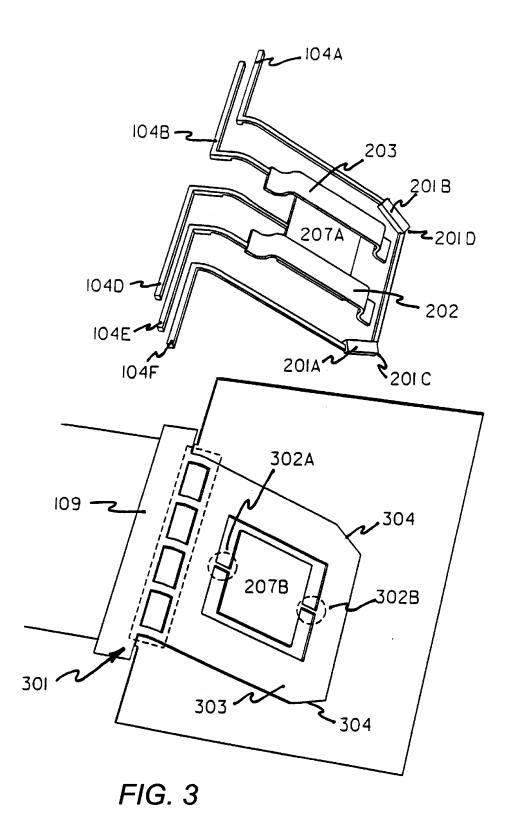














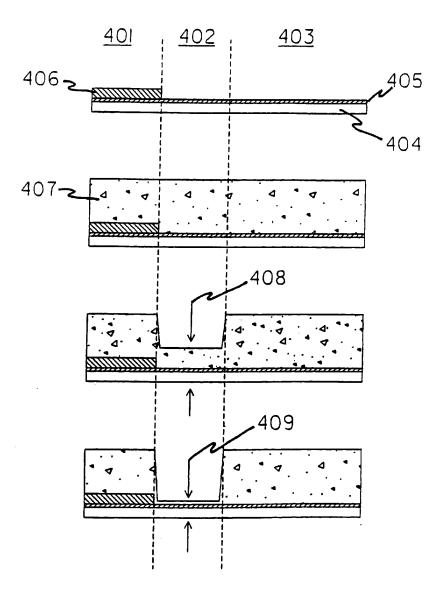


FIG. 4

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