United States Patent [19]

Wolfram et al.

[54] OPTICALLY PUMPED LASER

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- [73] Assignee: Amoco Corporation, Chicago, Ill.
- [21] Appl. No.: 221,670
- [22] Filed: Jul. 20, 1988
- [51] Int. Cl.⁴ H01S 3/091

[11] Patent Number: 4,901,330

[45] Date of Patent: Feb. 13, 1990

[56] References Cited

U.S. PATENT DOCUMENTS

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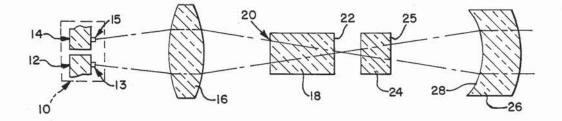
Primary Examiner-William L. Sikes

Assistant Examiner-B. R. R. Holloway Attorney, Agent, or Firm-Gary C. Cunningham; William H. Magidson; Ralph C. Medhurst

[57] ABSTRACT

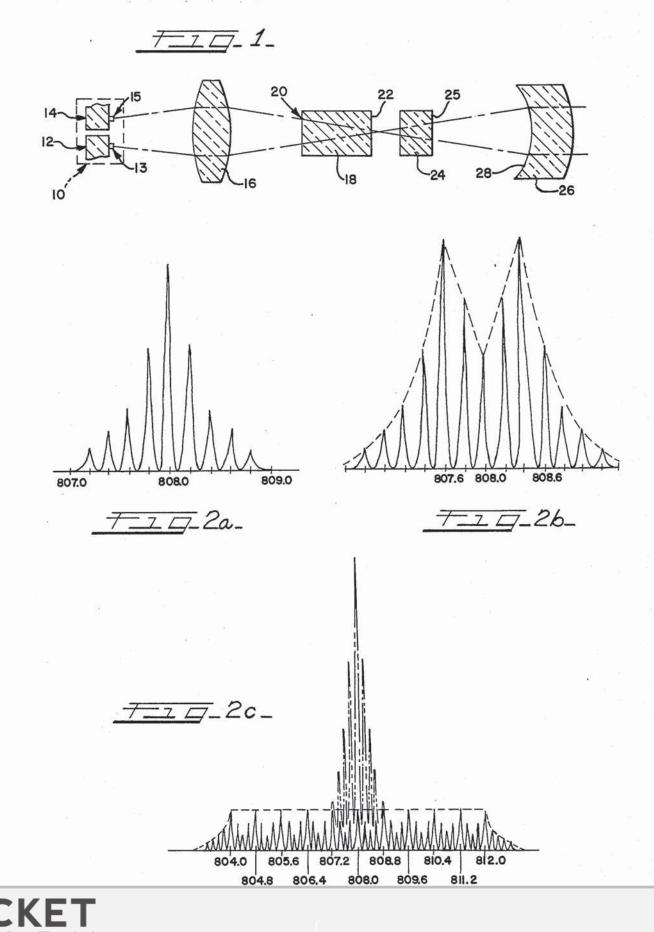
An optically pumped laser which includes a laser diode array for generating optically pumped radiation having a uniform intensity distributed over a broad band-width, and a lasant material with an absorption band for receiving radiation within such bandwidth.

27 Claims, 6 Drawing Sheets



ASML 1217

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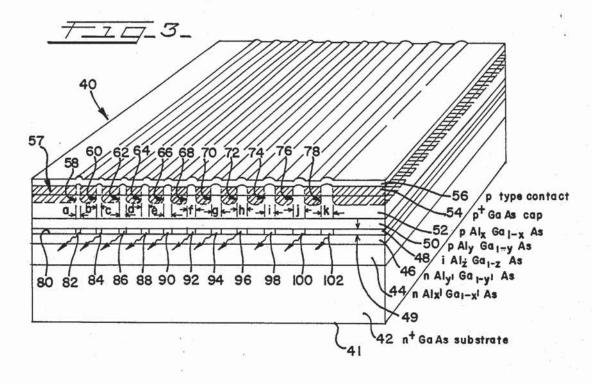


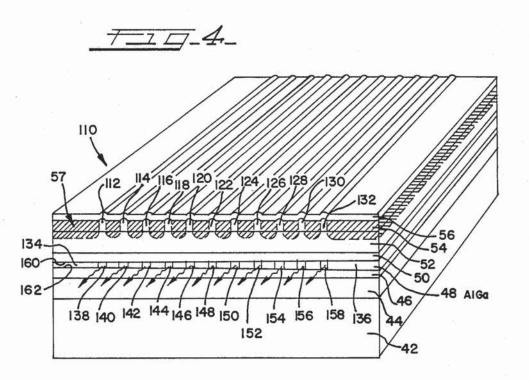
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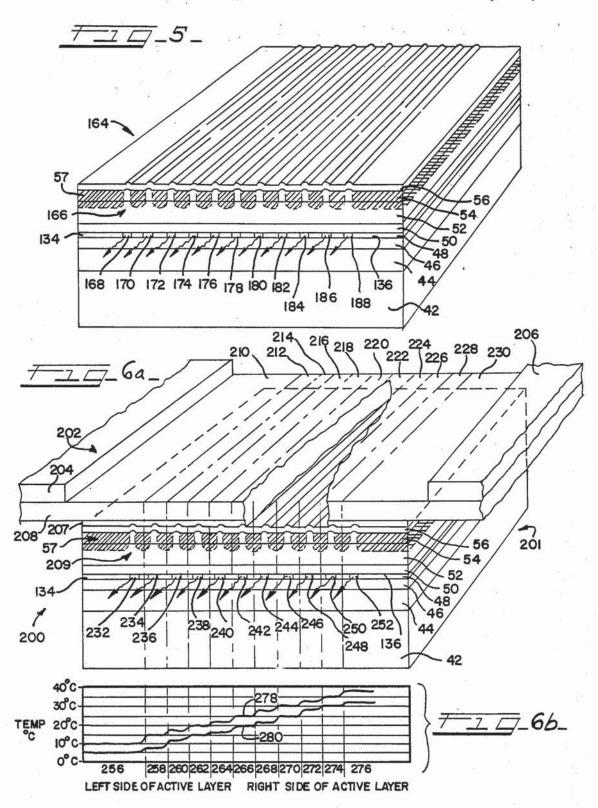
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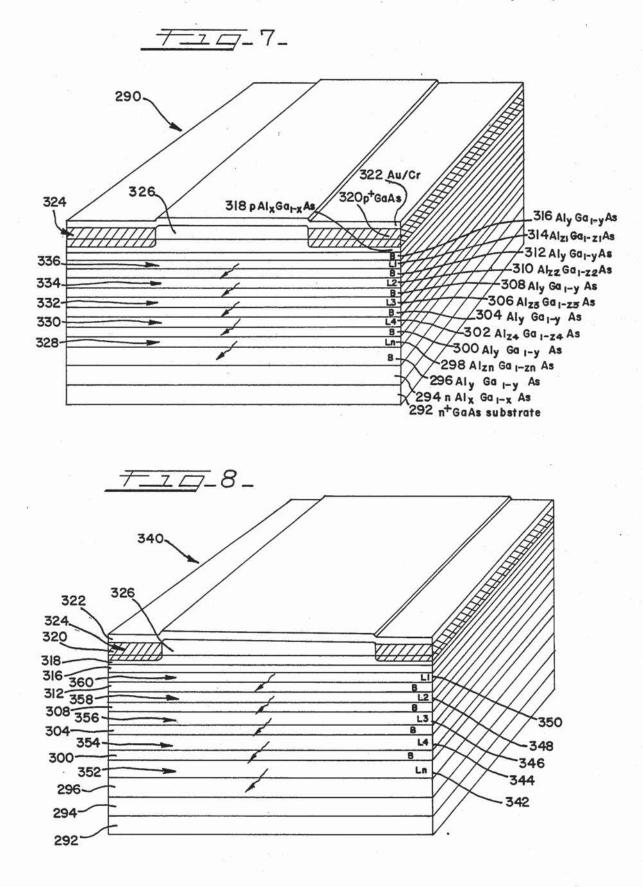


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