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(71) Applicant (for all designated States except US): NO-VALUX, INC. [US/US]; 1220 Midas Way, Sunnyvale, California 94085 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MOORADIAN, Aram [US/US]; 1101 Sir Francis Drake Blvd., Kentfield, California 94904 (US). SHCHEGROV, Andrei, V. [RU/US]; 2309 Montezuma Drive, Campbell, California 95008 (US). WATSON, Jason, P. [US/US]; 2266 Richland Avenue, San Jose, California 95125 (US). JANSEN, Michael [US/US]; 1441 Dana Avenue, Palo Alto, California 94301 (US). DATO, Rene [US/US]; 3420 Gravinia

Place, Pleasanton, California 94566 (US). GREEN, John, W. [US/US]; 240 Southwood Drive, Scotts Valley, California 95066 (US). LEE, Dicky [CN/US]; 1640 Hope Drive, #1033, Santa Clara, California 95054 (US). UMBRASAS, Arvydas [LT/US]; 11116 Flowreing Pear Drive, Cupertino, California 95014 (US).

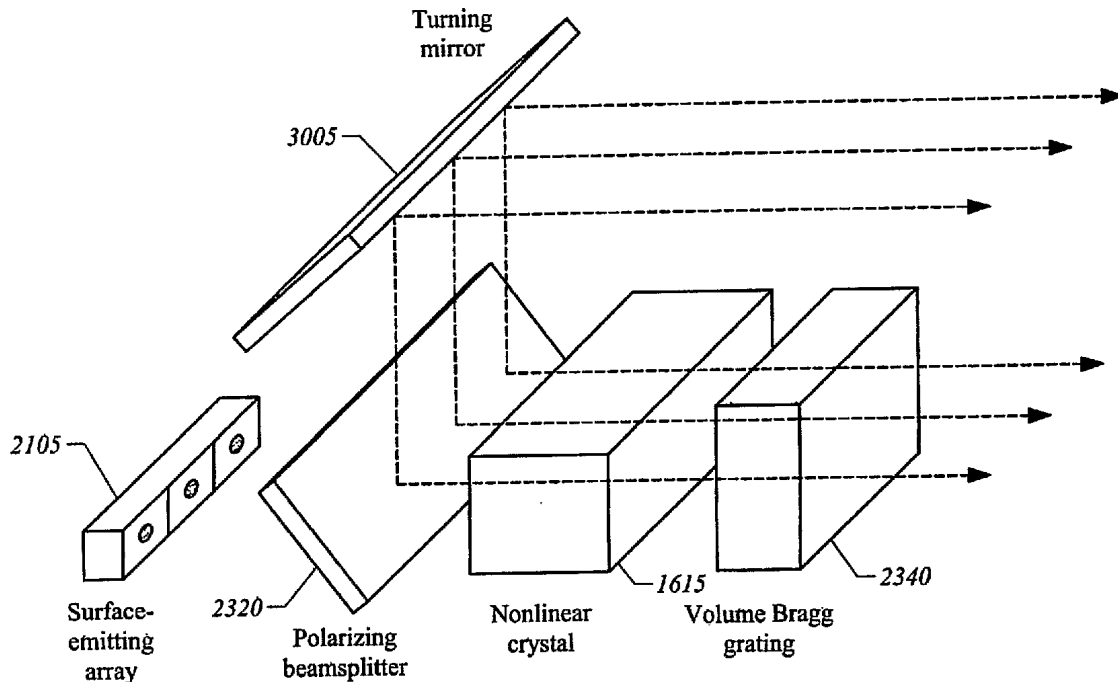
(74) Agents: VAN GIESON, Edward et al.; Cooley Godward Kronish LLP, Attn: Patent Group, 11951 Freedom Drive, Reston, VA 20190 (US).

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[Continued on next page]

(54) Title: MANUFACTURABLE VERTICAL EXTENDED CAVITY SURFACE EMITTING LASER ARRAYS



(57) Abstract: Arrays of vertical extended cavity surface emitting lasers (VECSELs) are disclosed. The functionality of two or more conventional optical components are combined into an optical unit to reduce the number of components that must be aligned during packaging.

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A. CLASSIFICATION OF SUBJECT MATTER

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USPC - 372/96

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) - H01S 3/08, H01S 5/183, H01S 3/14 (2007.01)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PatBase, Google Patent Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,404,797 B1 (MOORADIAN) 11 June 2002 (11.06.2002) entire document	1-5, 9, 10, 12-16, 18-21, 24-35, 37-42 ----- 6-8, 11, 17, 22, 23, 36
Y	US 2004/0190573 A1 (KRUSCHWITZ et al) 30 September 2004 (30.09.2004) Paragraph [0081]	6-8, 11, 17, 22, 23, 36

Further documents are listed in the continuation of Box C.

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US, Commissioner for Patents  
P.O. Box 1450, Alexandria, Virginia 22313-1450  
Facsimile No. 571-273-3201

Authorized officer:

Blaine R. Copenheaver

PCT Helpdesk: 571-272-4300  
PCT OSP: 571-272-7774