

06-07-2001

Substitute Form PTO-1595  
Attorney Docket No.: 11971-003001

2 SHEET

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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Alan C. Burroughs LeRoy Volz Warren Dalziel Roger A. Hajjar Frank Whitehead Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): VERSATILE OPTICAL NETWORKS, INC. 1610 Crane Court, Suite 200 San Jose, CA 95112 MAY 25 2001 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 5/8/2001	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: 09/715,847 B. Patent No(s).: Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: BING AI Fish & Richardson P.C. 4350 La Jolla Village Drive, Suite 500 San Diego, CA 92122	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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06/06/2001 JJALLAH2 00000006 061050 09715847 01 FC:581 40.00 CH	
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> Bing Ai Reg. No. 43,312 Name of Person Signing Signature: Date: May 21, 2001	
Total number of pages including coversheet, attachments and document: 3	

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## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

 May 21, 2001  
 Date of Deposit

  
 Signature

 Nancy Grant  
 Typed Name of Person Signing Certificate

**PATENT**  
**REEL: 011857 FRAME: 0807**

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ASSIGNMENT

For valuable consideration, we, ALAN C. BURROUGHS of San Jose, California, LEROY VOLZ of San Jose, California, WARREN DALZIEL of Monte Sereno, California, ROGER A. HAJJAR of San Jose, California, FRANK WHITEHEAD of Orangevale, CA hereby assign to: Versatile Optical Networks, Inc., a California corporation having a place of business at: 1610 Crane Court, Suite 200, San Jose, California 95112; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled ACTIVELY-CONTROLLABLE OPTICAL SWITCHES BASED ON OPTICAL POSITION SENSING AND APPLICATIONS IN OPTICAL SWITCHING ARRAYS, filed November 17, 2000, and assigned U.S. Serial Number 09/715,847, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further

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applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: May 8, 2001Alan C. Burroughs  
Alan C. BurroughsDate: May 8, 2001Leroy Volz  
Leroy VolzDate: MAY 8, 2001Warren P. Dalziel  
Warren DalzielDate: May 8, 2001Roger A. Hajjar  
Roger A. HajjarDate: May 8, 2001Frank Whitehead  
Frank Whitehead