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Conveying Party(ies)	Mark if additional names of convey	Month Day Ye
Name (line 1) Scobey, Michael A.		04142000
Name (line 2)		Execution Date
Second Party Hallock, Robert W.		Month Day Y 05012000
Name (line 2)		
Receiving Party	Mark if additional r	names of receiving parties attached
Name (line 1) Optical Coating Laborate	ory, Inc.	If document to be re is an assignment a
Name (line 2) a corporation of the State of	Deleware	receiving party is no domiciled in the Uni States, an appointm
Address (line 1) 2789 Northpoint Parkway		of a domestic representative is att
Address (line 2)		(Designation must to separate document
		Assignment.)
Address (line 3) Santa Rosa City	CA State/Country	95407-7397 Zip Code
Domestic Representative Name an	d Address Enter for the first Recei	ving Party only.
Name		
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PATENT

REEL: 010823 FRAME: 0162

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT		
Correspondent Name and Address	Area Code and Telephone Numb	er 707-591-0789		
Name Scott W. Hewett				
Address (line 1) 400 West Third Street, No. 22	3			
Address (line 2) Santa Rosa, CA 95401				
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Pages Enter the total number of p including any attachments	ages of the attached conveyance do	cument # 2		
Application Number(s) or Patent Nu	` '	rk if additional numbers attached		
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Patent Application Number(s) 09511693	Pa	tent Number(s)		
If this document is being filed together with a <u>new</u> Pat signed by the first named executing inventor.	ent Application, enter the date the patent appl	ication was <u>Month</u> Day Year		
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only if a U.S. Application Number has not been assigned.	PCT PCT	PCT		
Number of Properties	otal number of properties involved.	# 1		
Fee Amount Fee Amount	t for Properties Listed (37 CFR 3.41)	: \$ 40.00		
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(Enter for payment by deposit account or if ad	ditional fees can be charged to the account.) Deposit Account Number:	# 50-0891		
	Authorization to charge additional fees:	Yes X No		
Statement and Signature				
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 indicated herein.	original document. Charges to depo	osit account are authorized, as		
Scott W. Hewett	1-1/LEA			
Name of Person Signing	Signature	Date		

PATENT REEL: 010823 FRAME: 0163

Docket No. 13392.318

ASSIGNMENT OF APPLICATION

Whereas I, Michael A. Scobey, of Santa Rosa, California, hereafter referred to as APPLICANT, have invented certain new and useful improvements in an HYBRID WAVELENGTH SELECTIVE OPTICAL ROUTER AND SWITCH, hereinafter called the "invention", for which an application for a United States Patent was filed on February 23, 2000 and assigned U.S. Application Serial No. 09/511,693, and

Whereas, Optical Coating Laboratory, Inc., of Santa Rosa, California, a corporation of the State of Deleware, herein referred to as ASSIGNEE, whose principle place of business is 2789 Northpoint Parkway, Santa Rosa, CA 95407-7397 is desirous of acquiring the entire right, title, and interest in the same;

Now therefore, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the APPLICANT, by these presents do sell, assign, and transfer to the ASSIGNEE the full and exclusive right to the invention in the United States and the entire right, title and interest in and to any and all Patents that may be granted therefor in the United States, including any reissue patents, continuation patents, and/or division patents. I also hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to the ASSIGNEE, who holds the entire right, title, and interest to the same for its sole use and behoof; and for the use and behoof of its legal representatives, successors, and assigns, to the full end of the term for which any Patent may be granted.

I, the APPLICANT hereby further sells, assigns, transfers, and sets over to the ASSIGNEE the entire right, title, and interest in and to the invention in each and every country foreign to the United States; and the APPLICANT further conveys to the ASSIGNEE all priority rights resulting from the above-identified United States Patent Application, including the right to file patent applications in the ASSIGNEE's own name. The APPLICANT further agrees to execute all papers, give any required testimony, and perform other lawful acts, at the ASSIGNEE's expense, as the ASSIGNEE my require to enable the ASSIGNEE to perfect the ASSIGNEE's interest in any resulting patent of the United States or any foreign country, and to acquire, hold, enforce, convey, and uphold the validity of the patent and reissues and extensions thereof, and the ASSIGNEE's interest therein.

Executed this $\frac{1}{2}$ day of April, 20000 at Santa Rosa, California

Michael A. Scobey

PATENT REEL: 010823 FRAME: 0164

Docket No. 13392.318US

ASSIGNMENT OF APPLICATION

Whereas I, Robert W. Hallock, of Santa Rosa, California, hereafter referred to as APPLICANT, have invented certain new and useful improvements in a HYBRID WAVELENGTH OPTICAL ROUTER AND SWITCH, hereinafter called the "invention", for which an application for a United States Patent was filed on February 23, 2000 and assigned U.S. Application Serial No. 09/511,693, and

Whereas, Optical Coating Laboratory, Inc., of Santa Rosa, California, a corporation of the State of Deleware, herein referred to as ASSIGNEE, whose principle place of business is 2789 Northpoint Parkway, Santa Rosa, CA 95407-7397 is desirous of acquiring the entire right, title, and interest in the same;

Now therefore, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the APPLICANT, by these presents do sell, assign, and transfer to the ASSIGNEE the full and exclusive right to the invention in the United States and the entire right, title and interest in and to any and all Patents that may be granted therefor in the United States, including any reissue patents, continuation patents, and/or division patents. I also hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to the ASSIGNEE, who holds the entire right, title, and interest to the same for its sole use and behoof; and for the use and behoof of its legal representatives, successors, and assigns, to the full end of the term for which any Patent may be granted.

I, the APPLICANT hereby further sells, assigns, transfers, and sets over to the ASSIGNEE the entire right, title, and interest in and to the invention in each and every country foreign to the United States; and the APPLICANT further conveys to the ASSIGNEE all priority rights resulting from the above-identified United States Patent Application, including the right to file patent applications in the ASSIGNEE's own name. The APPLICANT further agrees to execute all papers, give any required testimony, and perform other lawful acts, at the ASSIGNEE's expense, as the ASSIGNEE my require to enable the ASSIGNEE to perfect the ASSIGNEE's interest in any resulting patent of the United States or any foreign country, and to acquire, hold, enforce, convey, and uphold the validity of the patent and reissues and extensions thereof, and the ASSIGNEE's interest therein.

Executed this 1st day of May, 1999 at SANTA ROSA, California

Robert W. Hallock

PATENT
RECORDED: 05/15/2000 REEL: 010823 FRAME: 0165