	T Docket No: S0023/7019		
To the Honorable Commissioner of 10120	67245 ed original documents or copy thereof.		
 Name of conveying party(ies): Stuart MacCormack; David M. Giltner; Vincent G. Dominic; Donald R. Scifres; Bardia Pezeshki; Edward C. Vail; Mehrdad Ziari and Robert G. Waarts 	2. Name and address of receiving party(ies): Name: SDL, Inc. Internal Address:		
Additional Name(s) of conveying party(ies) attached? ☐Yes 🛛 No	Street Address: 80 Rose Orchard Way		
Nature of conveyance: <u>Assignment</u> Document No.	City: San Jose State: CA Zip: 95134-13 Additional name(s) & address(es) attached? ☐ Yes ☒ No		
Execution Date(s): December 15, 1999; January 10, 2000; January 10, 2000; January 11, 2000; January 12, 2000; January 7, 2000; January 11, 2000 and December 7, 1999			
4. Application Number(s) or Patent Number(s)			
If this document is being filed together with a new application, the	e execution date of the application is:		
A. Patent Application No.(s): 09/430,394	B. Patent No.(s):		
Additional Numbers Atta	ached?		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved		
Philip L. Conrad, Esq. Kudirka & Jobse, LLP Two Center Plaza Boston, MA 02108	7. Total Fee (37 C.F.R. §3.41) \$ 40.00 ☐ Enclosed ☐ Authorized to be charged to deposit Account		
Telephone: 617/367-4600	0 Daniel Land		
Customer Number: 021127	8. Deposit account number:		
oddiomor (tarmbon: OZTTZ)	(Attach duplicate copy of this page if paying by deposit account		
DO NOT US	SE THIS SPACE		
 Statement and Signature To the best of my knowledge and belief, the foregoing inforthe original document. 	mation is true and correct and any attached copy is a true o		
Philip L. Conrad, Esq. Reg. No. 34,567 Name of Person Signing	Qis Romal 1/13/2000 Signature Date		
Name of Person Signing	Signature Date ver sheet, attachments and document: 7		

PATENT REEL: 010543 FRAME: 0762

ASSIGNMENT OF PATENT APPLICATION

Docket No. S0023/7019

Applicant: Stuart MacCormack, David M. Giltner, Vincent G. Dominic, Donald R.

Scifres, Bardia Pezeshki, Edward C. Vail, Mehrdad Ziari and Robert G.

Waarts

Serial No:

09/430,394

Filed:

October 29, 1999

For:

MULTIPLE WAVELENGTH OPTICAL SOURCES

Examiner:

Not Yet Assigned

Art Unit:

2872

Whereas we, the undersigned, have made certain inventions or discoveries (or both) set forth in the above-identified application for Letters Patent of the United States of America, and

Whereas SDL, Inc., a Delaware corporation having a place of business at 80 Rose Orchard Way, San Jose, CA 95134-1365, which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which is hereby acknowledged, we do hereby, without reservation:

- 1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, Convention and non-Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
- **4.** Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or

Assignment 1 of 6

to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance:

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do. upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions. specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents. photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment of Patent Application on the date indicated next to our names.

Short Mac armack	Date: 12/15/99
Stuart MacCormack	
Inventor	
State of <u>alifornia</u> ss County of <u>Santu Clara</u>	
County of Santu Clara	
On this 1574 day of 1900 on 1999, before m MacCormack, to me known and known to me to be the perecuted the foregoing instrument, and he acknowledged and deed.	erson described in, and who
Virginia a. Sriffith Notary Public	[seal]
Notary Public / V	
Known to me personally	produced:
,	
	VIRGINIA A. GRIFFITH
	Commission # 1178364 Notary Public - California
Additional assignor name sheets attached.	Santa Clara County
	My Comm. Expires Apr 3, 2002

Assignment 2of 6

ASSIGNMENT – SUPPLEMENTAL ASSIGNOR SHEET

Second Assignor	
Vail M Steri	Date://00
David M. Giltner Inventor	
State of California ss County of Santa Clare	
County of Santa Class	
	2000, 19, before me appeared David M. Giltner , person described in, and who executed the ged the same to be his free act and deed.
Virginia A. Liffeld Notary Public	[seal]
Known to me personally	Identification produced: VIRGINIA A. GRIFFITH Commission # 1178364 Notary Public - California Santa Clara County My Comm. Expires Apr 3, 2002
Third Assignor	
Vincent G. Dominic Inventor	Date://0/00
State of California	
County of Santa Clary	
On this <u>1074</u> day of <u>January</u> , Dominic , to me known and known to the executed the foregoing instrument, and hand deed.	to be the person described in, and who he acknowledged the same to be his free act
Vergener a. Lrufflet Notary Public	VIRGINIA A. GRIFFITH Commission # 1178364 Notary Public - California Santa Clara County
Known to me personally	☐ Identification produced: My Comm. Expires Apr 3, 2002

Assignment 3of 6

Fourth Assignor Sufus	Date: <i>t/u/oo</i>
Donald R. Scifres Inventor	DateDate
State of California	
State of <u>California</u> ss County of <u>Santa Clara</u>	
On this <u>/////</u> day of <u>JANUALY</u> , to Scifres, to me known and known to me to be executed the foregoing instrument, and he and deed.	
Virgines a. Suffith	VIRGINIA A. GRIFFITH Control on # 1178364 Notary Public - California
Known to me personally	Santa Clara County Identification produced: omm. Expires Apr 3, 2002
Fifth Assignor Bardia Rzahli	Date: 1/12/2000
Bardia Pezeshk Θ Inventor	•
State of <u>California</u> ss County of <u>Santa Clara</u>	
On this 1274 day of Javor Ry, Ho me known and known to me to be the perforegoing instrument, and he acknowledged Virginia A. Stiffile Notary Public	
√ Known to me nersonally	Identification produced:

Assignment 4of 6

Sixth Assignor	
E- (-i)	Date:/ / 7/00
Edward C. Vail Inventor	
State of California ss County of Santo Class	
County of Santo Class	
On this <u>774</u> day of <u>JANUARY</u> , to me known and known to me to be the proregoing instrument, and he acknowledge	2000 19, before me appeared Edward C. Vail, person described in, and who executed the ed the same to be his free act and deed.
Virginia a. Griffile Notary Public	VIR SARVA. GRIFFITH Commission # 1178364 Notary Public - California
Known to me personally	Iden Initial produce anta Clara County My Comm. Expires Apr 3, 2002
Seventh Assignor Mehrdad Ziari Inventor	Date:
State of California ss County of Santa Clara	
On this // r#day of TANUARY, me known and known to me to be the personnegoing instrument, and he acknowledge	
Virgenia a. Luffith Notary Public	[seal]
Known to me personally	☐ Identification produced:
·	The second of th

Assignment 5of 6

PATENT REEL: 010543 FRAME: 0767

Eighth Assignor	
Robert G. Waarts Inventor	
State of California ss County of Santa Clare	
On this <u>274</u> day of <u>December</u> , 19 Waarts , to me known and known to me to be executed the foregoing instrument, and he and deed.	·
Vergenie a. Guffith Notary Public	[seal]
X Known to me personally	☐ Identification produced:
	VIRGINIA A. GRIFFITH Commission # 1178364 Notary Public - California Santa Clara County My Comm. Expires Apr 3, 2002

TRANSMITTAL LETTER			Docket No. S0023/7019
Applica Serial Filed: For: Exami Art Un	Scifres, Bardia Pezeshki, Edwa Waarts No: 09/430,394 October 29, 1999 MULTIPLE WAVELENGTH OF ner: Not Yet Assigned	ard C. Vai	il, Mehrdad Ziari and Robert G.
CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a) The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Assistant Commissioner for Patents, Box Missing Parts, Washington, DC 20231 on January 13, 2000			
	Anna Maria Keel		
Washii	nt Commissioner for Patents ngton, D.C. 20231 Box Assignment		
			D
	Affidavit under 37 C.F.R. 1.131		Request for Certified Copies
\boxtimes	Assignment Papers and Assignment Recordation Form Cover Sheet		Request for Corrected Filing Receipt
	Declaration/Power of Attorney		Request for Refund
	Fee Transmittal Form		Response to Missing Parts
	Information Disclosure Statement	\boxtimes	Return Receipt Postcard
	PTO-1449 Form(s)		Other:
KUDIR	Conrael Conrad, Esq. Reg. No. 34,567 KA & JOBSE, LLP ner Number 021127		Date: <u>///3/2<i>0</i>00</u>

Tel: (617) 367-4600 Fax: (617) 367-4656

RECORDED: 01/18/2000

Transmittal Letter – General 1of 1

PATENT