	NT OF COMMERCE
Tab settings == =       Image: Security and Security (res):         To the Honorable Commissioner of Palents and Trade.       101041942         In ame of conveying party(res):       MAY 0 5 1999         Jesse W. Booker       MAY 0 5 1999         Additional name(s) of conveying party(res):       MAY 0 5 1999         Jesse W. Booker       Internal Address:         Alvin Cabato       MAY 0 5 1999         Additional name(s) of conveying party(res) attached?       Internal Address:         Assignment       Merger         Security Agreement       Change of Name         Other       City: Arlington         Execution Date: March 12, 1998       Additional name(s) & address(s) attached?       Ves         4. Application number(s) or patent number(s):       If this document is being filed together with a new application, the execution date of the application is:       Additional numbers attached?       Ves         Additional numbers attached?       Yes       No       S. Name and address of party to whom correspondence concerning document should be mailed:       6. Total number of applications and patents inv         Name:       Evan R. Smith, Reg. No. 35,683       7. Total fee (37 CFR 3.41)	<b>•</b>
1. Name of conveying partyles):       Name of conveying partyles):         1. Name of conveying partyles):       Name of conveying partyles):         Robert T. Carlson       Name: LSA, Inc.         Jesse W. Booker       Internal Address: 1215 Jefferson Davis         Additional name(s) of conveying partyles) attached?       Ne         3. Nature of conveying partyles) attached?       Yes         Mar 0 5 1999       State: 1300         3. Nature of conveyance:       Mar 0 5 1999         Additional name(s) of conveyance:       Mar 0 5 1999         Street Address:       1215 Jefferson Davis         Mar 0 5 1999       Street Address:         Additional number(s) or patent number(s):       If this document is being filed together with a new application, the execution date of the application is:         A. Patent Application No.(s)       B. Patent No.(s)         09/235,767       Additional numbers attached?         Name:       Evan R. Smith, Reg. No. 35,683         Internal Address:       8180 Greensboro Drive         Street Address:       8180 Gree	
Robert T. Carlson       MAY 0 \$ 1999         Jesse W. Booker       Alvin Cabato         Additional name(s) of conveying party(ies) attached?       Yes         Nature of conveyance:       Yes         Street Address:       1215 Jefferson Davis         Additional name(s) of conveyance:       1215 Jefferson Davis         Street Address:       1215 Jefferson Davis         Additional name(s) & address(s) attached?       Yes         Additional name(s) & address(s) attached?       Yes         Application number(s) or patent number(s):       If this document is being filed together with a new application, the execution date of the application is:         A. Patent Application No.(s)       B. Patent No.(s)         09/235,767       Additional numbers attached?         Name:       Evan R. Smith, Reg. No. 35,683         Internal Address:       8180 Greensboro Drive         Street Address:       8180 Greensboro Drive         Street Address:       8180 Greensboro Dr	r copy thereof.
Jesse W. Booker         Alvin Cabato         Additional name(s) of conveying partylies) attached?         Name:         LSA, Inc.         Internal Address:         1215 Jefferson Davis         Street Address:         1215 Jefferson Davis         Mar 0 5 1999         Street Address:         1215 Jefferson Davis         Mar 0 5 1999         1215 Jefferson Davis         Mar 0 5 1999         1215 Jefferson Davis	
Jesse W. Booker         Alvin Cabato         Additional name(s) of conveying partylies) attached?       Internal Address:       1215 Jefferson Davis         S. Nature of conveyance:       Stite 1300         S. Nature of conveyance:       Mar 0 5 1999         Security Agreement       Change of Name         Other       City: Arlington         State: VA       Additional name(s) & address(es) attached?         Yes       Additional name(s) & address(es) attached?       Yes         4. Application number(s) or patent number(s):       If this document is being filed together with a new application, the execution date of the application is:       Additional numbers attached?         Yes       Xo         5. Name and address of party to whom correspondence concerning document should be mailed:       6. Total number of applications and patents in:         Name:       Evan R. Smith, Reg. No. 35,683       7. Total fee (37 CFR 3.41)	
Adviticnal name(s) of conveying partylies) attached?       Image: Suite 1300         3. Nature of conveyance:       Image: Street Address:         Image: Security Agreement       Image: Change of Name         Image: Other       Change of Name         Image: Other       Change of Name         Image: Additional number(s) or patent number(s):       If this document is being filed together with a new application, the execution date of the application is:         A. Application number(s) or patent number(s):       If this document is being filed together with a new application, the execution date of the application is:         A. Patent Application No.(s)       Image: Patent No.(s)         09/235,767       Additional numbers attached?         Yes       Image: Evan R. Smith, Reg. No. 35,683         Internal Address: 8180 Greensboro Drive       Fince (37 CFR 3.41)	Jighway
3. Nature of conveyance:       MAY 0 5 1939         Security Agreement       Change of Name         Other       Change of Name         Other       City: Arlington         Execution Date: March 12, 1998       Additional name(s) & address(es) attached?         4. Application number(s) or patent number(s):       If this document is being filed together with a new application, the execution date of the application is:         A. Patent Application No.(s)       B. Patent No.(s)         09/235,767       Additional numbers attached?         S. Name and address of party to whom correspondence concerning document should be mailed:       6. Total number of applications and patents inv.         Name:       Evan R. Smith, Reg. No. 35,683       7. Total fee (37 CFR 3.41)	IIgliway
Image: Security Agreement       Image: Change of Name         Image: Other       Change of Name         Image: March 12, 1998       Change of Name         Image: March 12, 1998       Additional name(s) & address(es) attached?         Image: March 12, 1998       Additional name(s) & address(es) attached?         Image: March 12, 1998       Additional name(s) & address(es) attached?         Image: March 12, 1998       Additional name(s) & address(es) attached?         Image: Security Agreement is being filed together with a new application, the execution date of the application is:         A. Patent Application No.(s)       B. Patent No.(s)         09/235,767         Additional numbers attached?       Image: Yes         So Name and address of party to whom correspondence concerning document should be mailed:       6. Total number of applications and patents involute the mailed:         Name: Evan R. Smith, Reg. No. 35,683       7. Total fee (37 CFR 3.41)	
Security Agreement       Change of Name         Other       City: Arlington         Execution Date: March 12, 1998       Additional name(s) & address(es) attached?       Yes         4. Application number(s) or patent number(s):       If this document is being filed together with a new application, the execution date of the application is:       Yes         A. Patent Application No.(s)       B. Patent No.(s)       B. Patent No.(s)         09/235,767       Additional numbers attached?       Yes         S. Name and address of party to whom correspondence concerning document should be mailed:       6. Total number of applications and patents inv         Name:       Evan R. Smith, Reg. No. 35,683       7. Total fee (37 CFR 3.41)	
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If this document is being filed together with a new application, the execution date of the application is:         A. Patent Application No.(s)         09/235,767         Additional numbers attached?         Yes         Xoo         5. Name and address of party to whom correspondence concerning document should be mailed:         Name:       Evan R. Smith, Reg. No. 35,683         Internal Address:       8180 Greensboro Drive         Suite 850       Image: Authorized to be charged to deposit accession	X No
<ul> <li>5. Name and address of party to whom correspondence concerning document should be mailed:</li> <li>Name: Evan R. Smith, Reg. No. 35,683</li> <li>Internal Address: <u>8180 Greensboro Drive</u></li> <li>Suite 850</li> <li>7. Total fee (37 CFR 3.41) \$ <u>40</u></li> <li>X Enclosed</li> <li>X Enclosed</li> <li>Authorized to be charged to deposit access</li> </ul>	
concerning document should be mailed:       6. Total number of applications and patents inv         Name:       Evan R. Smith, Reg. No. 35,683         Internal Address:       8180 Greensboro Drive         Suite 850       Image: Authorized to be charged to deposit access	
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Suite 850   Authorized to be charged to deposit acc  Street Address: 8180 Commentum Drive	
Authorized to be charged to deposit acc	
Street Address: <u>8180 Greensboro Drive</u> 8. Deposit account number:	ount
Suite 850	
City: <u>McLean</u> State: <u>VA</u> ZIP: 22102 (Attach duplicate copy of this page if paying by	deposit account)
DO NOT USE THIS SPACE	
9. 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 original document.	
Evan R. Smith, 35,683     22/2     5/4       Name of Person Signing     Signature     Date	199
Total number of pages including cover sheet, attachments, and document:	/99
95/1993 SSALELKJ 03000039 C9835757 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments	/99
S01591 (Form PTO1595Recordation Form Cover Sheet - page 1 of 3)	/99

PATENT REEL: 009952 FRAME: 0768

# Attachment to Form PTO - 1595 Recordation Form Cover Sheet

Additional Conveying Parties

- David Driscoll
- Scott Hamilton

Additional Dates of Conveyance

- April 6, 1999
- March 22, 1999
- March 23, 1999



NU.185 P002/002

## ASSIGNMENT

25537.010600

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plura) inventors are named below) h referred to as the ASSIGNOR invented a certain improvement relating to

#### LASER COMMUNICATION SYSTEM AND METHODS

[ ] for which an application for Patent to be filed in the United States Patent and Trademark Office was executed on even date.

[X] for which U.S. Application Serial No. 60/088,971 was filed in the U.S. Patent and Trademark Office on: June 10, 1998

for which an International Application was filed | 1 35 designating the United States

And Whereas LSA, Inc. (HEREINAFTER "Assignee")

is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues. reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law furm of Greenberg Traurig the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

201	FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
	Robert T. Carlson	Cohent and in	12/10/98
202	FULL NAME OF SECOND JOINT	INVENTOR'S SIGNATURE	DATE
	Jesse W. Booker	Jac C	12/10/98
203	FULL NAME OF THIRD JOINT	VINVENTOR'S SIGNATURE	DATE
	Alvin Capato	altern Cibato	12/10/58
204	FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	David Driscoll		
205	FULL NAME OF FIFTH JOINT	INVENTOR'S SIGNATURE	DATE
	Scott Hamilton	Scott Himilton	12/10/98

#### IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR:

PATENT REEL: 009952 FRAME: 0770

12/10/98 14:28

ATTY. DOCKET

NU.185 PU02/002

### ASSIGNMENT

ATTY. DOCKET

25537.010600

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) here: referred to as the ASSIGNOR invented a certain improvement relating to

	L	ASER COMMUNI	ICATION S	YSTEM AND METHODS
[]	for which an application for P	atent to be filed in the	United States	YSTEM AND METHODS
[X]	for which U.S. Application Ser	ial No. 60/088,971	was filed in	the U.S. Patent and Trademark Offician: June 1998
[]	for which an International Applica	tion was filed	35	designating the United States
	And Whereas	LSA, Inc. (HERE	INAFTER "A	ssignce")

is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged. ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all tenewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

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201	FULL NAME OF SOLE OR FIRST NAMED INVENTOR Robert T. Carlson	INVENTOR'S SIGNATURE	DATE
202	FULL NAME OF SECOND JOINT INVENTOR Jesse W. Booker	INVENTOR'S SIGNATURE	DATE
203	FULL NAME OF THIRD JOINT INVENTOR Alvin Capato	INVENTOR'S SIGNATURE	DATE
204	FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE 2/9/99
205	FULL NAME OF FIFTH JOINT INVENTOR Scott Hamilton	INVENTOR'S SIGNATURE	DATE

#### IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR:

**RECORDED: 05/05/1999**