05-02-2001 

To the Commissioner of Patents and Trademarks: P	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies):  Matthew R. Selmon, Charles F. Milo, Robert L. Wynne, Suresh S. Pai, Kent D. Dell, Charles Gresl, Gerald Hansen, E. Richard Hill III  Additional name(s) of conveying party(ies) attached?  Yes No  Nature of conveyance:  Assignment Merger Security Agreement Change of Name Other Copies from 09/149,874  Execution Date: February 1, 2001, February 5, 2001, February 6, 2001  4. Application number(s) or patent number(s):	2. Name and address of receiving party(ies):
If this document is being filed together with a new application, February 5, 2001, February 6, 2001  A. Patent Application No.(s):	the execution date of the application is: February 1, 2001,  B. Patent No.(s):
Additional numbers	s attached? Yes No
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Barbara B. Courtney Internal Address: FH 1-2 Wilson Sonsini Goodrich & Rosati 650 Page Mill Road Palo Alto, CA 94304-1050	Total number of applications and patents involved: [1]
9. Statement and signature.	E THIS SPACE  mation is true and correct and any attached copy is a true copy of
Barbara B. Courtney  Name of Person Signing  Total number	Signature Date  of - 13-0   Date  of pages including cover sheet, attachments, and document: [17]

PTO/SB/15 (8-96)
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

AS		1	on unless it displays a valid OMB control number
	SSIGNMENT OF APPLICATION		Docket Number 17965-725
Whereas, the undersigned:			
I. SELMON, Matthew R. 99 Walnut Avenue Atherton, CA 94027	<ol> <li>MILO, Charles         101 Atherton Avenue         Atherton, CA 94027     </li> </ol>	3. WYNNE, Robert L. 340 Esplanade #19 Pacifica, CA 94044	<ol> <li>PAI, Suresh S.</li> <li>156 Holly Court Mountain View, CA 94043</li> </ol>
5. DELL, Kent D. 1131 Grand Street Redwood City, CA 94061	<ol> <li>GRESL, Charles</li> <li>121 Topaz Way</li> <li>San Francisco, CA 94131</li> </ol>	7. HANSEN, Gerald 35208 Preston Place Newark, CA 94560	8. HILL III, E. Richard 2430 Oregon Street Berkeley, CA 94705
nereinafter termed "Inventors", h	ave invented certain new and useful in	nprovements in	
M	TETHODS AND APPARATUS FOR	TREATING VASCULAR OC	CLUSIONS
	cation for United States Patent was file cation for a United States Patent was e		plication No. <u>09/149,874</u>
94063_, (hereinafter termed "Ass disclosed therein, and in and to a (all collectively hereinafter terme (hereinafter termed "patents") the	signee"), is desirous of acquiring the en ill embodiments of the invention, hereto ed "said invention"), and in and to any ereon granted in the United States and	ntire right, title and interest in and office conceived, made or discover and all patents, inventor's certific foreign countries.	ered jointly or severally by said Inventors ates and other forms of protection
NOW, THEREFORE, from said Assignee:	in consideration of good and valuable	consideration acknowledged by	said Inventors to have been received in full
application and said invention; (the Protection of Industrial Property United States or any foreign coundivisional, substitution, continuation any of said patents.	<ul> <li>b) in and to all rights to apply for foreig or otherwise; (c) in and to any and all ntry, including each and every applicat tion, or continuation-in-part of any of s</li> </ul>	gn patents on said invention pursi applications filed and any and all ion filed and each and every pate said applications; and (d) in and t	ntire right, title and interest (a) in and to said that to the International Convention for the patents granted on said invention in the ent granted on any application which is a to each and every reissue or extensions of
enjoy to the fullest extent the rig shall include prompt production other papers, and other assistance and interest herein conveyed; (b)	ht, title and interest herein conveyed in of pertinent facts and documents, giving e all to the extent deemed necessary or ) for prosecuting any of said application said invention; (d) for filing and prose ving said invention; and (f) for legal pro-	ng of testimony, execution of peti desirable by said Assignee (a) for ns; (c) for filing and prosecuting cuting applications for reissuance occedings involving said invention	on and any applications therefor and any
other priority proceedings involved patents granted thereon, includired contests, public use proceedings providing such cooperation shall	I be paid for by said Assignee.	, , ,	pense incurred by said Inventors in
other priority proceedings involve patents granted thereon, includir contests, public use proceedings providing such cooperation shall terms.  3. The terms representatives, and shall be bin	and covenants of this assignment shall ding upon said Inventors, their respect	inure to the benefit of said Assig	pense incurred by said Inventors in gnee, its successors, assigns and other legal and assigns.
other priority proceedings involvatents granted thereon, includir contests, public use proceedings providing such cooperation shall  3. The terms representatives, and shall be bin  4. Said Inventaction of understanding the session mental contract, or understanding patents.	and covenants of this assignment shall ding upon said Inventors, their respect ators hereby jointly and severally warra- tanding in conflict herewith.	inure to the benefit of said Assig ive heirs, legal representatives ar ant and represent that they have n	mee, its successors, assigns and other legal ad assigns.  ot entered and will not enter into any  d. Assignee as of the dates written below:
other priority proceedings involvatents granted thereon, includir contests, public use proceedings providing such cooperation shall  3. The terms representatives, and shall be bin  4. Said Inventaction of understanding the session mental contract, or understanding patents.	and covenants of this assignment shall ading upon said Inventors, their respect ators hereby jointly and severally warratanding in conflict herewith.  REOF, said Inventors have executed an	inure to the benefit of said Assig ive heirs, legal representatives ar ant and represent that they have n	pense incurred by said Inventors in the special specia
other priority proceedings involve patents granted thereon, includir contests, public use proceedings providing such cooperation shall.  3. The terms representatives, and shall be bin 4. Said Inventorial assignment, contract, or understand IN WITNESS WHERE	and covenants of this assignment shall adding upon said Inventors, their respect ators hereby jointly and severally warratanding in conflict herewith.  REOF, said Inventors have executed an	inure to the benefit of said Assignive heirs, legal representatives are not and represent that they have not delivered this instrument to sa	mee, its successors, assigns and other legal ad assigns.  ot entered and will not enter into any
other priority proceedings involvatents granted thereon, includir contests, public use proceedings providing such cooperation shall  3. The terms representatives, and shall be bin  4. Said Inven assignment, contract, or underst  IN WITNESS WHENDERS WHENDE	and covenants of this assignment shall ading upon said Inventors, their respect ators hereby jointly and severally warratanding in conflict herewith.  REOF, said Inventors have executed an	inure to the benefit of said Assigned ive heirs, legal representatives and and represent that they have not delivered this instruction of Matthew R. Selmon	mee, its successors, assigns and other legal ad assigns.  ot entered and will not enter into any

	ASSIGNMENT OF APPLICAT	TION	Docket Number 17965-725
	IN WITNESS WHEREOF, said Inventors have execu	ted and delivered this instrument	to said Assignee as of the dates written below:
Date: _		Kent D. Dell	
Date: _		Charles S. Gresi	
Date: _		Gerald Hansen	
Date: _		E. Richard Hill, III	

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	AS	SIGNMENT OF APPLICATION		Docket Number 17965-725
W.	hereas, the undersigned:			
1.	SELMON, Matthew R. 99 Walnut Avenue Atherton, CA 94027	2. MILO, Charles 101 Atherton Avenue Atherton, CA 94027	3. WYNNE, Robert L. 340 Esplanade #19 Pacifica, CA 94044	<ol> <li>PAI, Suresh S.</li> <li>156 Holly Court Mountain View, CA 94043</li> </ol>
5.	DELL, Kent D. 1131 Grand Street Redwood City, CA 94061	<ol> <li>GRESL, Charles</li> <li>121 Topaz Way</li> <li>San Francisco, CA 94131</li> </ol>	7. HANSEN, Gerald 35208 Preston Place Newark, CA 94560	8. HILL III, E. Richard 2430 Oregon Street Berkeley, CA 94705
hei	reinafter termed "Inventors", ha	we invented certain new and useful im	provements in	
	M	ETHODS AND APPARATUS FOR	TREATING VASCULAR O	CCLUSIONS
		ation for United States Patent was file ation for a United States Patent was ex		pplication No. <u>09/149,874</u>
940 dis (al)	<u>063</u> , (hereinafter termed "Assi closed therein, and in and to all I collectively hereinafter termed	gnee"), is desirous of acquiring the en	tire right, title and interest in an fore conceived, made or discound all patents, inventor's certif	do Chesapeake Drive Redwood City, CA and to said application and the invention vered jointly or severally by said Inventors icates and other forms of protection
îro	NOW, THEREFORE, i m said Assignee:	n consideration of good and valuable	consideration acknowledged by	said Inventors to have been received in full
Pro Un div	olication and said invention; (b) otection of Industrial Property of ited States or any foreign countrisional, substitution, continuation of said patents.	in and to all rights to apply for foreign r otherwise; (c) in and to any and all a ry, including each and every application, or continuation-in-part of any of sa	n patents on said invention pur pplications filed and any and a on filed and each and every pat aid applications; and (d) in and	entire right, title and interest (a) in and to said suant to the International Convention for the II patents granted on said invention in the cent granted on any application which is a to each and every reissue or extensions of
sha and add oth pa	joy to the fullest extent the right all include prompt production of the papers, and other assistance d interest herein conveyed; (b) if ditional applications covering sincer the priority proceedings involving tents granted thereon, including intests, public use proceedings, in poviding such cooperation shall	t, title and interest herein conveyed in f pertinent facts and documents, giving all to the extent deemed necessary or of for prosecuting any of said application aid invention; (d) for filing and prosecuting said invention; and (f) for legal programment without limitation reissues and reexaminfringement actions and court actions be paid for by said Assignee.	g of testimony, execution of pe desirable by said Assignee (a) is s; (c) for filing and prosecuting uting applications for reissuand ceedings involving said inventi- minations, opposition proceeding; provided, however, that the en	ion and any applications therefor and any ngs, cancellation proceedings, priority xpense incurred by said Inventors in
гер	3. The terms ar presentatives, and shall be bind	nd covenants of this assignment shall i ing upon said Inventors, their respectiv	nure to the benefit of said Assi ve heirs, legal representatives a	gnee, its successors, assigns and other legal nd assigns.
	4. Said Invento signment, contract, or understa	ors hereby jointly and severally warranding in conflict herewith.	at and represent that they have	not entered and will not enter into any
	IN WITNESS WHER	EOF, said Inventors have executed and	delivered this instrument to sa	aid Assignee as of the dates written below:
	ate:		Matthew R. Selmon	de Mila
D	pate: 2/6/20		Charles F. Milo	
D	Date:		Robert L. Wynne	
Ľ	Date:		Suresh S. Pai	

ASSIGNMENT OF APPL	LICATION	Docket Number 17965-725
IN WITNESS WHEREOF, said Inventors have	executed and delivered this is	nstrument to said Assignee as of the dates written below:
Date:	Kent D. D	rell
Date:	Charles S.	Gresl
Date:	Gerald Har	nsen
Date:	E. Richard	Hill, III

-2-

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Viereas, the undersigned:  SELMON, Matthew R.  2. MILO, Charles  3. WYNNE, Robert L.  340 Esplanaid #19  Poelifica, CA 340427  Atheron, CA 34027	Under the Paperwork Redu	<u> </u>		
SELMON, Manthew R.  2. MILLO, Charles 99 Walmant Avenus 101. Alberton, CA 94027 102. Alberton, CA 94027 103. Alberton, CA 94049 103. Alberton, CA 94049 104. Alberton, CA 94027 105. Alberton, CA 94049 105. Alberton, CA 94027 106. GRESL, Charles 121 Topaz Way 121 Topaz Way 121 Topaz Way 123 San Francisco, CA 94131 107. Newark, CA 94560 107. San Francisco, CA 94131	AS	SIGNMENT OF APPLICATION	. 1	Docket Number 17965-725
101 Atherton, CA 94027 Atherton, CA 94027 Pacifica, CA 94044 Mountain View, CA 94 Atherton, CA 94027 Pacifica, CA 94044 Mountain View, CA 94 DELL, Kent D.  1131 Grand Street Redwood City, CA 94061 1121 Topaz Way San Francisco, CA 94131 Newark, CA 94560 1131 Grand Street Redwood City, CA 94061  METHODS AND APPARATUS FOR TREATING VASCULAR OCCLUSIONS    For which an application for United States Patent was filed on September 8, 1998 Application No. 09/149.874   For which an application for United States Patent was executed on, and	hereas, the undersigned:			
1. Said Inventors do hereby sell, assign. transfer and convey unto said Assignee the entire right, title and interest (a) in and polication of Industrial Property or otherwise; (c) in and to any and all applications of inventions; (b) in and to all rights to application of a fluctuation of continuation, conti	99 Walnut Avenue	101 Atherton Avenue	340 Esplanade #19	
METHODS AND APPARATUS FOR TREATING VASCULAR OCCLUSIONS    for which an application for United States Patent was filed on September \$, 1998	1131 Grand Street	121 Topaz Way	35208 Preston Place	2430 Oregon Street
For which an application for United States Patent was filed on September 8, 1998, Application No. 09/149.874 for which an application for a United States Patent was executed on, and	reinafter termed "Inventors", h	ave invented certain new and useful in	nprovements in	
HEREAS, LuMend, Inc a corporation of the State of California having a place of business at 400 Chesapeake Drive, Redwood City 1003 _, (hereinafter termed 'Assignee'), is desirous of acquiring the entire right, title and interest in and to said application and the invention selosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventil collectively hereinafter termed 'said invention'), and in and to any and all patents, inventor's certificates and other forms of protection ereinafte termed 'batents' thereon granted in the United States and foreign countries.  NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in om said Assignee:  1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for otection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in intel States or any foreign country, including each and every application filed and each and every patents on which is intel States or any foreign country, including each and every applications; and (d) in and to each and every reissue or extensions visional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions visional, substitution, continuation, or continuation-in-part of any of said applications; (e) for ling and foreign countries. Such cooperation by said five to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said five to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said five to prove the prompt production of	М	ETHODS AND APPARATUS FOR	TREATING VASCULAR OCC	CLUSIONS
1063_, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention, heretofore conceived, made or discovered jointly or severally by said Invention. It collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection retreatment "patents") thereon granted in the United States and foreign countries.  NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in om said Assignee:  1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and platents granted on said invention in the industrial Property or otherwise; (c) in and to any and all applications; and (d) in and to each and every reissue or extensions you for said patents.  2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors protection of pertinent facts and documents, giving of testimony, execution of pertitions, oaths, specifications, declaration all include prompt production of pertinent facts and documents, giving of testimony, execution of pertitions, oaths, specifications, declaration and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecutions and any applications referred in a said Assignee to the paper, and other a	for which an applic	cation for United States Patent was file cation for a United States Patent was e	ed on <u>September 8, 1998</u> , App xecuted on, and	olication No. <u>09/149,874</u>
1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and polication and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for totection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the states or any foreign country, including each and every application filed and each and every patent granted on any application which is nited States or any foreign country, including each and every applications; and (d) in and to each and every reissue or extensions by of said patents.  2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to proper to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors hereby pointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Invention all include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declaration all include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declaration all include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declaration and other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee and other provided thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority atents granted thereon, including without limitation reissues and reexaminations, opp	1063, (hereinafter termed "Ass sclosed therein, and in and to all leadlectively bereinafter terme	ignee"), is desirous of acquiring the er l embodiments of the invention, hereted d "said invention"), and in and to any	ntire right, title and interest in and ofore conceived, made or discover and all patents, inventor's certifications.	to said application and the invention ed jointly or severally by said Inventors
pplication and said invention; (b) in and to all rights to apply for foreign patents on said invention parsature that the otection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the inted States or any foreign country, including each and every application filed and each and every patent granted on any application which is inted States or any foreign country, including each and every application filed and each and every patent granted on any application which is inted States or any foreign country, including each and every applications; and (d) in and to each and every reissue or extensions yo for said patents.  2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to foreign countries. Such cooperation by said Inventors the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventional Include prompt production of pertinent facts and documents, giving of testimony, execution of pertitions, oaths, specifications, declarational include prompt production of pertinent facts and documents, giving of testimony, execution of pertitions, oaths, specifications, declaration in interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting aubstitute, divisional, continuing or interest there in conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting applications for reissuance of any said patents; (e) for interferent dittional applications covering said invention; and (f) for legal proceedings involving said invention and any applications therefor and at their priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and at their priority proceedings introduced in the patents of the priority proceedings infringement actions and court actions; provid		in consideration of good and valuable	consideration acknowledged by s	aid Inventors to have been received in full
njoy to the fullest extent the right, title and interest herein conveyed in the Chiteraction of pertitions, declaration all include prompt production of pertinent facts and documents, giving of testimony, execution of pertitions, oaths, specifications, declaration all include prompt production of pertinent facts and documents, giving of testimony, execution of perfecting in said Assignee the right ther papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right their papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee, interferent and interest herein conveyed; (b) for prosecuting any of said applications for reissuance of any said patents; (e) for interferent diditional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interferent diditional applications covering said invention; and (f) for legal proceedings involving said invention and any applications therefor and a ther priority proceedings involving said invention and any applications therefor and a therefore provided thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority atents provided thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority atents as provided thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority atents provided thereon, including applications therefore and any applications therefore any ap	otection of Industrial Property of nited States or any foreign coun visional, substitution, continuat by of said patents.	try, including each and every application, or continuation-in-part of any of s	ion filed and each and every pater aid applications; and (d) in and to	at granted on any application which is a each and every reissue or extensions of
4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.  IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignce as of the dates written beloate:  Matthew R. Selmon  Charles F. Milo	ajoy to the fullest extent the right all include prompt production of the papers, and other assistance and interest herein conveyed; (b) additional applications covering sther priority proceedings involvatents granted thereon, including ontests, public use proceedings, possible such cooperation shall	at, title and interest herein conveyed in of pertinent facts and documents, giving all to the extent deemed necessary or for prosecuting any of said applications said invention; (d) for filing and prose ing said invention; and (f) for legal progressions without limitation reissues and reex- infringement actions and court actions be paid for by said Assignee.	ng of testimony, execution of petitive desirable by said Assignee (a) for ns; (c) for filing and prosecuting socuting applications for reissuance occedings involving said inventionaminations, opposition proceedings; provided, however, that the expension of the said inventions are provided and the expension of the said inventions.	ions, oaths, specifications, declarations of perfecting in said Assignee the right, titl substitute, divisional, continuing or of any said patents; (e) for interference on and any applications therefor and any se, cancellation proceedings, priority pense incurred by said Inventors in
4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any ssignment, contract, or understanding in conflict herewith.  IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written beloate:  Matthew R. Selmon  Charles F. Milo	presentatives, and shall be bind	ling upon said Inventors, their respect	Ive nens, legal representation	
Date: Matthew R. Selmon  Charles F. Milo	4. Said Invent	ors hereby jointly and severally warra anding in conflict herewith.	nt and represent that they have no	ot entered and will not enter into any
Charles F. Milo	IN WITNESS WHER	EOF, said Inventors have executed ar	nd delivered this instrument to sai	d Assignee as of the dates written below:
(//	Date:		Matthew R. Selmon	
	Date:		771	
Date: Suresh S. Pai	Date: 5FEB 20	21		

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.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ASSIGNMENT OF APPLI	CATION	Docket Number 17965-725
	IN WITNESS WHEREOF, said Inventors have e	executed and delivered this instru	ument to said Assignee as of the dates written below:
Date: _		Kent D. Dell	
Date: _		Charles S. Gre	esl
Date: _		Gerald Hansen	
Date: _		E. Richard Hill	I, III

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE collection of information unless it displays in the commence of the collection of information unless it displays in the collection of information unless than the collection of the collec Under the Paperwork Reduction Act of 1995, no persons are required to respond to a

Whereas, the undersigned:    SELMON, Matthew R. 99 Walnut Avenue Atherton, CA 94027			to respond to a confection of inform	nation unless it displays a valid OMB control number
1. SELMON, Matthew R. 99 Walnut Avenue Atherton, CA 94027 Paelinate, 719 Malnut Avenue Atherton, CA 94027 Paelifica, CA 94044 Mountain View, Chercho, CA 94027 Paelifica, CA 94044 Mountain View, Carlotte, CA 94027 Paelifica, CA 94044 Mountain View, CA 94027 Paelifica, CA 94044 Mountain View, Carlotte, Carlotte, CA 94044 Mountain View, Carlotte, Carlo	ASSI	SNMENT OF APPLICATION	1	
99 Walnut Avenue Atheron, CA 94027 Atherton, CA 94027 Breifice, CA 94044 Atheron, CA 94044 Breifice, CA 94046 Breifice, CA 9404 Breifice, CA 94046	Whereas, the undersigned:			
Redwood City, CA 94061  San Francisco, CA 94131  San Francisco, CA 94131  METHOS AND APPARATUS FOR TREATING VASCULAR OCCLUSIONS  METHOS AND APPARATUS FOR TREATING VASCULAR OCCLUSIONS  of or which an application for United States Patent was filed on September 8, 1998. Application No. 09/149.874  of or which an application for United States Patent was filed on September 8, 1998. Application No. 09/149.874  of or which an application for United States Patent was recruited on and  WHEREAS, Lablend. Inc a corporation of the State of California, having a place of business at 400 Classapeake Drive. Redwood (all collectively hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention, hereiofore conceived, made or discovered jointly or severally by said (all collectively hereinafter termed "said invention"), and in and to on any and all patents, inventor's certificates and other forms of protection florest termed "patents") thereon granted in the United States and foreign countries.  NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been receform said Assignee:  1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention of the patents of	99 Walnut Avenue Atherton, CA 94027	101 Atherton Avenue	340 Esplanade #19	<ol> <li>PAI, Suresh S.</li> <li>156 Holly Court Mountain View, CA 94043</li> </ol>
METHODS AND APPARATUS FOR TREATING VASCULAR OCCLUSIONS  for which an application for United States Patent was filed onseptember 8, 1998	1131 Grand Street	121 Topaz Way	35208 Preston Place	8. HILL III, E. Richard 2430 Oregon Street Berkeley, CA 94705
METHODS AND APPARATUS FOR TREATING VASCULAR OCCLUSIONS  for which an application for United States Patent was filed onseptember 8, 1998	ereinafter termed "Inventors", have	nvented certain new and useful in	aprovements in	
for which an application for United States Patent was filed on September 8, 1998, Application No. 09/149.874   for which an application for a United States Patent was executed on, and				CCLUSIONS
disclosed therein, and in and to all embodiments of the invention, hereitofore conceived, made or discovered jointly or severally by said (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protectif (hereinafter termed "patents") thereon granted in the United States and foreign countries.  NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been receffrom said Assignee:  1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convent Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on any application will invention pursuant to the International Convent United States or any foreign country, including each and every application filed and each and every patent granted on any application will invisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extension of said patents.  2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignet be rapers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing additional applications covering said invention; and (f) for legal proceedings involving said invention and any applications therefor in patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, pricontests, public use proceedings, infringement actions and court actions; provided, however,	for which an application for which an application	n for United States Patent was file n for a United States Patent was ex	ed on <u>September 8, 1998</u> , A xecuted on, and	pplication No. <u>09/149,874</u>
1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Conventer protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention. United States or any foreign country, including each and every application filed and each and every patent granted on any application will wissional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensive said patents.  2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignity to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said-hall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, death of the repeated therein conveyed; (b) for prosecuting and documents, giving of testimony, execution of petitions, oaths, specifications, death therein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting and prosecuting substitute, divisional, continuing additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interest there priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor inatents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors browning such cooperation shall be paid for by said Assignee.  3. The terms and covenants of this assi	isclosed therein, and in and to all em all collectively hereinafter termed "sa	odiments of the invention, hereto	ofore conceived, made or discovered all patents inventods and in	d to said application and the invention
application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Conventrotection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on any application with visional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensive of said patents.  2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignly to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said hall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarates therein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interpretate therein, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, provided, however, that the expense incurred by said Inventors providing such cooperation shall be paid for by said Assignee.  3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and of expresentatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.  4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into assignment, contract, or understanding in conflict herewith.  IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates writter.  Charles F. Milo	NOW, THEREFORE, in co om said Assignee:	nsideration of good and valuable of	consideration acknowledged by	said Inventors to have been received in full
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and of epresentatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.  4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into assignment, contract, or understanding in conflict herewith.  IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates writter Date:  Matthew R. Selmon  Charles F. Milo	nited States or any foreign country, i visional, substitution, continuation, or y of said patents.  2. Said Inventors he joy to the fullest extent the right, titl all include prompt production of per her papers, and other assistance all to d interest herein conveyed; (b) for p ditional applications covering said in her priority proceedings involving satents granted thereon, including with ntests, public use proceedings, infrin	recluding each and every application continuation-in-part of any of same the point of any of same the point of and severally covenant and interest herein conveyed in the extent deemed necessary or dosecuting any of said applications vention; (d) for filing and prosecution in the process of the extent deemed necessary or dosecution; and (f) for legal process out limitation reissues and reexamplement actions and court actions;	on filed and each and every pate aid applications; and (d) in and to at and agree to cooperate with so the United States and foreign co to of testimony, execution of peti- lesirable by said Assignee (a) for the cooperate with a signe to for filing and prosecuting stating applications for reissuance the edings involving said invention to inations, opposition proceeding	and granted on any application which is a content of each and every reissue or extensions of aid Assignee to enable said Assignee to content of each specification by said Inventors tions, oaths, specifications, declarations or perfecting in said Assignee the right, title substitute, divisional, continuing or coff any said patents; (e) for interference or and any applications therefor and any gs, cancellation proceedings, priority
IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates writter  Date:  Matthew R. Selmon  Charles F. Milo	3. The terms and copresentatives, and shall be binding u	renants of this assignment shall in on said Inventors, their respective	e heirs, legal representatives and	i assigns.
Date:			and represent that they have no	t entered and will not enter into any
Matthew R. Selmon  Date:  Charles F. Milo	in witness whereof,	aid Inventors have executed and	delivered this instrument to said	Assignee as of the dates written below:
Date: Charles F. Milo	nte:		Matthew R. Selmon	
	ate:		Charles F. Milo	
	ate:			
Date: 2 1 01 Robert L. Wynne	1 .		Robert L. Wynne	5.P.

	ASSIGNMENT OF APPLICAT	Docket Number 17965-725
-	IN WITNESS WHEREOF, said Inventors have execut	ted and delivered this instrument to said Assignee as of the dates written below:
Date: _		Kent D. Dell
Date: _		Charles S. Gresl
Date: _		Gerald Hansen
Date: _		E. Richard Hill, III

-2-

PTO/SB/15 (8-96)
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

	Under the Paperwork Reduc			
	AS	SIGNMENT OF APPLICATION		Docket Number 17965-725
Wh	ereas, the undersigned:			
	SELMON, Matthew R. 99 Walnut Avenue Atherton, CA 94027	2. MILO, Charles 101 Atherton Avenue Atherton, CA 94027	3. WYNNE, Robert L. 340 Esplanade #19 Pacifica, CA 94044	<ol> <li>PAI, Suresh S.</li> <li>156 Holly Court Mountain View, CA 94043</li> </ol>
	DELL, Kent D. 1131 Grand Street Redwood City, CA 94061	6. GRESL, Charles 121 Topaz Way San Francisco, CA 94131	7. HANSEN, Gerald 35208 Preston Place Newark, CA 94560	8. HILL III, E. Richard 2430 Oregon Street Berkeley, CA 94705
	•	ve invented certain new and useful in		
	M	ETHODS AND APPARATUS FOR	TREATING VASCULAR O	CCLUSIONS
		ation for United States Patent was file ation for a United States Patent was e		pplication No. <u>09/149.874</u>
940 disc all	63 , (hereinafter termed "Assiclosed therein, and in and to all collectively hereinafter termed reinafter termed "patents") thereinafter termed "patents"	gnee"), is desirous of acquiring the enterprise of the invention, heretoff "said invention"), and in and to any recongranted in the United States and it	tire right, title and interest in an ofore conceived, made or discovered and all patents, inventor's certification countries.	
fror	NOW, THEREFORE, in said Assignee:	in consideration of good and valuable	consideration acknowledged by	said Inventors to have been received in full
Pro Uni divi	lication and said invention; (b) tection of Industrial Property of ited States or any foreign coun isional, substitution, continuation of said patents.	) in and to all rights to apply for foreig or otherwise; (c) in and to any and all a try, including each and every applicati on, or continuation-in-part of any of s	n patents on said invention pur applications filed and any and a ion filed and each and every par aid applications; and (d) in and	entire right, title and interest (a) in and to said suant to the International Convention for the II patents granted on said invention in the ent granted on any application which is a to each and every reissue or extensions of
sha oth and add oth pat	oy to the fullest extent the righ il include prompt production of er papers, and other assistance interest herein conveyed; (b) litional applications covering s er priority proceedings involvi- ents granted thereon, including intests, public use proceedings, oviding such cooperation shall	t, title and interest herein conveyed in f pertinent facts and documents, givin all to the extent deemed necessary or for prosecuting any of said application aid invention; (d) for filing and prosecuting said invention; and (f) for legal programment limitation reissues and reexal infringement actions and court actions be paid for by said Assignee.	the United States and foreign of g of testimony, execution of pe desirable by said Assignee (a) to as; (c) for filing and prosecuting cuting applications for reissuand occeedings involving said invent minations, opposition proceedings; provided, however, that the e	on and any applications therefor and any ngs, cancellation proceedings, priority xpense incurred by said Inventors in
reț	presentatives, and shall be bind	ing upon said Inventors, their respecti	ve neirs, legal representatives a	
as!	signment, contract, or understa	nding in conflict herewith.		not entered and will not enter into any
	DA MALANTECE MARED			aid Assignee as of the dates written below:
	IN WITNESS WILLIC	EOF, said Inventors have executed an	d delivered this instrument to sa	
	ate:		Matthew R. Selmon	
Da				
Da Da	ate:		Matthew R. Selmon	

-1-

	ASSIGNMENT OF APPLICATION	Docket Number 17965-725
	IN WITNESS WHEREOF, said Inventors have executed and	delivered this instrument to said Assignee as of the dates written below:
Date: _	2/5/01	NAS Dull Kent D. Dell
Date: _		Charles S. Gresl
Date: _		Gerald Hansen
Date:		E. Richard Hill, III

PTO/SB/15 (8-96)

Approved for use through 9/30/98. OMB 0651-0027 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number ASSIGNMENT OF APPLICATION Docket Number 17965-725 Whereas, the undersigned: 1. SELMON, Matthew R. 3. WYNNE, Robert L. 4. PAI, Suresh S. 2. MILO, Charles 101 Atherton Avenue 340 Esplanade #19 156 Holly Court 99 Walnut Avenue Pacifica, CA 94044 Mountain View, CA 94043 Atherton, CA 94027 Atherton, CA 94027 7. HANSEN, Gerald 8. HILL III, E. Richard 6. GRESL, Charles 5. DELL, Kent D. 121 Topaz Way San Francisco, CA 94131 35208 Preston Place 2430 Oregon Street 1131 Grand Street Newark, CA 94560 Berkeley, CA 94705 Redwood City, CA 94061 hereinafter termed "Inventors", have invented certain new and useful improvements in METHODS AND APPARATUS FOR TREATING VASCULAR OCCLUSIONS or which an application for United States Patent was filed on September 8, 1998, Application No. 09/149.874 for which an application for a United States Patent was executed on \_\_\_\_, and WHEREAS, LuMend, Inc., a corporation of the State of California, having a place of business at 400 Chesapeake Drive, Redwood City, CA 94063, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries. NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee: Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith. IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below: Matthew R. Selmon Charles F. Milo Robert L. Wynne Date: \_\_\_\_\_ Suresh S. Pai

	ASSIGNMENT OF APPLICATION	Docket Number 17965-725
	IN WITNESS WHEREOF, said Inventors have executed and deliv	vered this instrument to said Assignee as of the dates written below:
Date: _		Vant D. Dall
Date: _	2.6.01	Charles S. Gresl
Date: _		Gerald Hansen
Date: _		E. Richard Hill, III

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ASSIGNMENT OF APPLICATION		Docket Number 17965-725		
Whereas, the undersigned:				
1. SELMON, Matthew R. 99 Walnut Avenue Atherton, CA 94027  2. MILO, Charles 101 Atherton Avenue Atherton, CA 94027	3. WYNNE, Robert L. 340 Esplanade #19 Pacifica, CA 94044	4. PAI, Suresh S. 156 Holly Court Mountain View, CA 94043		
5. DELL, Kent D. 1131 Grand Street Redwood City, CA 94061  6. GRESL, Charles 121 Topaz Way San Francisco, CA 94131	7. HANSEN, Gerald 35208 Preston Place Newark, CA 94560	8. HILL III, E. Richard 2430 Oregon Street Berkeley, CA 94705		
hereinafter termed "Inventors", have invented certain new and useful im	provements in			
METHODS AND APPARATUS FOR	TREATING VASCULAR O	CCLUSIONS		
<ul> <li>         ☐ for which an application for United States Patent was file         ☐ for which an application for a United States Patent was ex     </li> </ul>		pplication No. <u>09/149,874</u>		
WHEREAS, <u>LuMend, Inc.</u> , a corporation of the State of <u>California</u> , having a place of business at <u>400 Chesapeake Drive, Redwood City, CA 94063</u> , (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.				
NOW, THEREFORE, in consideration of good and valuable from said Assignee:				
1. Said Inventors do hereby sell, assign, transfer and application and said invention; (b) in and to all rights to apply for foreig Protection of Industrial Property or otherwise; (c) in and to any and all a United States or any foreign country, including each and every applicatidivisional, substitution, continuation, or continuation-in-part of any of sany of said patents.	applications filed and any and a ion filed and each and every pataid applications; and (d) in and	all patents granted on said invention in the tent granted on any application which is a to each and every reissue or extensions of		
2. Said Inventors hereby jointly and severally covena enjoy to the fullest extent the right, title and interest herein conveyed in shall include prompt production of pertinent facts and documents, givin other papers, and other assistance all to the extent deemed necessary or and interest herein conveyed; (b) for prosecuting any of said application additional applications covering said invention; (d) for filing and prosecuting priority proceedings involving said invention; and (f) for legal propatents granted thereon, including without limitation reissues and reexacontests, public use proceedings, infringement actions and court actions providing such cooperation shall be paid for by said Assignee.	ng of testimony, execution of portion desirable by said Assignee (a) ns; (c) for filing and prosecuting applications for reissuant occedings involving said inventaminations, opposition proceed s; provided, however, that the control of the said inventage in the sai	etitions, oaths, specifications, declarations or for perfecting in said Assignee the right, title g substitute, divisional, continuing or ice of any said patents; (e) for interference or tion and any applications therefor and any ings, cancellation proceedings, priority expense incurred by said Inventors in		
3. The terms and covenants of this assignment shall representatives, and shall be binding upon said Inventors, their respecti	Ive neus, legar representation	-		
4. Said Inventors hereby jointly and severally warra	nt and represent that they have	not entered and will not enter into any		
IN WITNESS WHEREOF, said Inventors have executed an	nd delivered this instrument to	said Assignee as of the dates written below:		
Date:	Matthew R. Selmon			
Date:	Charles F. Milo			
Date:	Robert L. Wynne			
Date:	Suresh S. Pai			

	ASSIGNMENT OF APPLICATION	Docket Number 17965-725	
	IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:		
Date:			
	Kent D. Dell		
Date:	Charles Ş. Gresi		
Date:	02-05-01 Surally Gerald Hansen	1 Plansen	
Date:	E. Richard Hill, III		

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Docket Number 17965-725 ASSIGNMENT OF APPLICATION Whereas, the undersigned: 4. PAI, Suresh S. SELMON, Matthew R. 2. MILO, Charles 3. WYNNE, Robert L. 101 Atherton Avenue Atherton, CA 94027 156 Holly Court 340 Esplanade #19 99 Walnut Avenue Mountain View, CA 94043 Pacifica, CA 94044 Atherton, CA 94027 8. HILL III, E. Richard 6. GRESL, Charles 7. HANSEN, Gerald 5. DELL, Kent D. 35208 Preston Place 2430 Oregon Street 121 Topaz Way 1131 Grand Street San Francisco, CA 94131 Berkeley, CA 94705 Newark, CA 94560 Redwood City, CA 94061 hereinafter termed "Inventors", have invented certain new and useful improvements in METHODS AND APPARATUS FOR TREATING VASCULAR OCCLUSIONS for which an application for United States Patent was filed on <u>September 8, 1998</u>, Application No. <u>09/149.874</u> for which an application for a United States Patent was executed on \_\_\_\_\_, and WHEREAS, <u>LuMend</u>, Inc. , a corporation of the State of <u>California</u>, having a place of business at <u>400 Chesapeake Drive</u>, Redwood City, CA <u>94063</u>, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries. NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee: Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith. IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below: Matthew R. Selmon Charles F. Milo Robert L. Wynne

> PATENT REEL: 011739 FRAME: 0232

Suresh S. Pai

Date: \_\_\_\_\_

	ASSIGNMENT OF APPLICATIO	N	Docket Number 17965-725	
IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:				
Date:		Kent D. Deli		
Date:		Charles S. Gresl		
Date:		Gerald Hansen	1 ·21/21	
Date:	£ 6, 2001	E. Richard Hill, III	nd Hilfer	