FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

03-23-2001



U.S. Department of Commerce Patent and Trademark Office

RECORDATION FORM COVER SHEET **PATENTS ONLY**

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	sion (Non-Recordation)	Assignment		
Document		License	Change of Name	
	of PTO Error	Merger	Other	
Reel#	Frame #		U.S. Government	
Reel #	Frame #		ONLY by U.S. Government Age artmental File	Secret File
Conveying P	arty(ies)		ames of conveying parties at	tached Execution Date
Name (line 1)			, , ,	Month Day Year
L	Martin W. McKinnon, III			03/05/2001
Name (line 2)				Execution Date
Second Party Name (line 1)	Mani M. Subramanian			Month Day Year 03/05/2001
`				0980073
Name (line 2)				0/800/2
Receiving Pa	arty	Mar	k if additional names of rece	iving parties attached
Name (line 1)	Channelogics, Inc.			If document to be recorded is an assignment and the
Name (line 2)	receiving party is not			
_	States, an appointment of a domestic			
Address (line 1)	(Designation must be a			
Address (line 2)	separate document from			
		Canada	20220	
Address (line 3)	Atlanta City	Georgia State/Country	30339 Zip Code	
Domestic Representative Name and Address Enter for the first Receiving Party only.				
Name [
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Address (line 1)				
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Address (line 3)				
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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the degment and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Westington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See MB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS CORD. 03/12/2001

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT

FC:581

REEL: 011602 FRAME: 0727

FORM PTO- Expires 06/30/99 OMB 0651-0027	-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Corresponde	ent Name and Address	Area Code and Telephone Number	704-554-7070	
Name [Chad D. Tillman			
Address (line 1)	Morris, Manning & Martin, L.L.E).		
Address (line 2)	6000 Fairview Road			
Address (line 3)	Suite 1125			
Address (line 4)	Charlotte, North Carolina 28210			
Pages	Enter the total number of pagincluding any attachments.	ges of the attached conveyance docum	ment # 16	
• •	Number(s) or Patent Num		dditional numbers attached	
		atent Number (DO NOT ENTER BOTH numbers t	:	
Pate	ent Application Number(s)	Patent	Number(s)	
	being filed together with a <u>new</u> Pater t named executing inventor.	nt Application, enter the date the patent application	on was Month Day Year 03/05/2001	
Patent Coop	eration Treaty (PCT)		DOT	
Enter PCT application number				
	<u>if</u> a U.S. Application Number not been assigned.	PCT PCT	РСТ	
Number of P	roperties Enter the tot	al number of properties involved. #	1	
Fee Amount	Fee Amount f	for Properties Listed (37 CFR 3.41): \$	40.00	
	of Payment: Enclo Account	osed X Deposit Account		
(Enter for p		tional fees can be charged to the account.) reposit Account Number: #	:	
	A	authorization to charge additional fees:	Yes No X	
Statement ar	nd Signature			
attache		lief, the foregoing information is true a riginal document. Charges to deposit		
,	Chad D. Tillman	(nacio. Tillman	3-7-2001	
Name	of Person Signing	Signature	Date	

FORM PTO-1619C Expires 06/30/99

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
DATENT Z

OMB 0651-0027	PATENTS ONLY		PATENT		
Conveying Pa		Mark if additi	onal names of conveyir	ng parties attached	Execution Date
	Fimothy Sean Sotack				Month Day Year
Name (line 2)	falor January Pholor				Execution Date Month Day Year
Name (line 1)	John Joseph Ehrley				
Name (line 2)					Execution Date Month Day Year
Name (line 1)		-			
Name (line 2)]
Receiving Par			Mark if additional name	es of receiving parti	es attached
Enter additional R	eceiving Party(ies)				
Name (line 1)	ChanneLogics, Inc.				If document to be recorded is an assignment and the
Name (line 2)					receiving party is not domiciled in the United States, an appointment of a domestic representative
Address (line 1)	2030 Powers Ferry Road				is attached. (Designation must be a separate document from
Address (line 2)					Assignment.)
Address (line 3)	Atlanta City		Georgia State/Country	303 Zip Cod	
Name (line 1)					If document to be recorded is an assignment and the
Name (line 2)					receiving party is not domiciled in the United States, an appointment of a
Address (line 1)					domestic representative is attached. (Designation must be a separate document from
Address (line 2)					Assignment.)
Address (line 3)	City		State/Country	Zip C	Code
Application Number(s) or Patent Number(s) Mark if additional numbers attached Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).					
Pat	tent Application Number((s)		Patent Numl	per(s)

PATENT

REEL: 011602 FRAME: 0729

WHEREAS, Martin W. McKinnon, III. 4925 Shadowood Parkway, Atlanta, GA 30339

(hereinafter "Assignor") has invented certain new and useful improvements and/or designs (hereinafter "Invention"), for a full description of which reference is here made to a patent application entitled:

Method of Allocating Access Across A Shared Communications Medium

(hereinafter "Application") filed or to be filed with the U.S. Patent & Trademark Office, and for which Assignor hereby authorizes and requests Assignee to fill in the following blanks specifying the serial number and filing date for said application identified above (but Assignee's failure to do so shall have no bearing whatsoever upon the validity or legal effect of this Assignment):

Serial Number:	Filed on:	; and
WHEREAS,		

Channelogics, Inc.; 2030 Powers Ferry Road, Suite 580; Atlanta, GA 30339

(hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in, to, and under the Invention and the Application, and in, to, and under any and all patents that may be obtained for the Invention, together with all foreign rights corresponding thereto;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has agreed to sell, assign, transfer and convey, and by these presents does hereby sells, assigns, transfers and conveys, unto Assignee the entire right, title, and interest in, to and under:

- □ The Invention and the Application;
- □ Any patent of the United States of America that may be obtained for the Invention;
- Any corresponding applications for patent of the Invention in any and all foreign countries; and
- □ Any reissue, extension, renewal, substitution, confirmation, division, continuation and the like of any of the foregoing (hereinafter collectively "Invention Rights").

FURTHERMORE,

Assignor hereby covenants and agrees, and binds any and all heirs, administrators, legal representatives, and assigns, to assist and cooperate with Assignee in the preparation and prosecution of any application included within the Invention Rights and in the prosecution or defense of any interference, opposition, or other proceeding that may arise in connection with any application or patent included within the Invention Rights and, further, to execute and deliver to Assignee any and all additional petitions, oaths, assignments, or other papers or

1 of 4

РАТ

Assignor hereby authorizes and empowers Assignee to invoke and claim for any application or patent included within the Invention Rights the benefit of any rights to which Assignor might be entitled under international law or under the laws of any particular foreign country, and to invoke and claim such rights without further written or oral authorization from Assignor.

Assignor hereby consents and agrees that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular foreign country for any purpose and, more particularly, in proof of the right of Assignee to claim the aforesaid benefit of the right of priority.

Assignor covenants and agrees that this Assignment and all the terms thereof shall inure to the benefit of the successors, assigns, legal representatives, or nominees of Assignee, without further written or oral authorization from Assignor.

Finally, Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States Patent and Trademark Office to issue any patent included within the Inventions Rights to Assignee.

This the day of March	, <u>200 1</u> .
Meti b. nech	
Assignor, Martin W. McKinnon, III	
Witness #1 Signature	Racle Os. Wondro - Hendry Witness #2 Signature
Witness #1 Name (print)	RACHEL U. PONDERO-HENDRIX Witness #2 Name (print)
2030 Pavers Ferry Rd. #580	2030 POWERS FERRY RD, STE 580
Harte 6A 30339 Witness #1 Address	Mitness #2 Address
State of <u>Georgia</u> County of <u>Fulton</u> United States of America	ATION)
On this 5 th day of March	
Marfin W. McKinnon, III to be the person described as Assignor in and acknowledged the same to be his/her free act and described Erika Kolke	before me, to me known and known to me who executed the five lines and strument and eed in and for the purposes so to the above.
Notary Public My Commission Expires: What 12 200	2 GEORGIA

The Assignee hereby accepts the assignment of the invention and application as set forth above.		
This the Jan day of March,	2001	
Channelogics, Inc. Assignee By: Math. Male		
Martin W. Alckinnon Name (print)		
Chief Technical Office Title Witness #1 Signature	Raule O1. Dondo v - Hendry Witness #2 Signature	
Witness #1 Name (print)	RACUEL M. PONDERO - HENDRIX Witness #2 Name (print)	
2030 Pavers Ferry Rd. #580	2030 POWERS FERRY RD, STE 580	
AHCATCO SA 80339 Witness #1 Address	ATLANTA, 92 30339 Witness #2 Address	
State of <u>Seargia</u> County of <u>Fulton</u> United States of America	ATION	
On this 5th day of March	2001 personally appeared	
On this	on behalf of the Assignee No.	
My Commission Expires: May 12, 20	GEORGIA	

WHEREAS, John Joseph Ehrley; 324 4h Street NE; Atlanta, GA 30308

(hereinafter "Assignor") has invented certain new and useful improvements and/or designs (hereinafter "Invention"), for a full description of which reference is here made to a patent application entitled:

Method of Allocating Access Across A Shared Communications Medium

(hereinafter "Application") filed or to be filed with the U.S. Patent & Trademark Office, and for which Assignor hereby authorizes and requests Assignee to fill in the following blanks specifying the serial number and filing date for said application identified above (but Assignee's failure to do so shall have no bearing whatsoever upon the validity or legal effect of this Assignment):

Serial Number:	Filed on:	; and
WHEREAS,		

Channelogics, Inc.; 2030 Powers Ferry Road, Suite 580; Atlanta, GA 30339

(hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in, to, and under the Invention and the Application, and in, to, and under any and all patents that may be obtained for the Invention, together with all foreign rights corresponding thereto;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has agreed to sell, assign, transfer and convey, and by these presents does hereby sells, assigns, transfers and conveys, unto Assignee the entire right, title, and interest in, to and under:

- □ The Invention and the Application;
- Any patent of the United States of America that may be obtained for the Invention;
- Any corresponding applications for patent of the Invention in any and all foreign countries; and
- Any reissue, extension, renewal, substitution, confirmation, division, continuation and the like of any of the foregoing (hereinafter collectively "Invention Rights").

FURTHERMORE,

Assignor hereby covenants and agrees, and binds any and all heirs, administrators, legal representatives, and assigns, to assist and cooperate with Assignee in the preparation and prosecution of any application included within the Invention Rights and in the prosecution or defense of any interference, opposition, or other proceeding that may arise in connection with any application or patent included within the Invention Rights and, further, to execute and

Assignor hereby authorizes and empowers Assignee to invoke and claim for any application or patent included within the Invention Rights the benefit of any rights to which Assignor might be entitled under international law or under the laws of any particular foreign country, and to invoke and claim such rights without further written or oral authorization from Assignor.

Assignor hereby consents and agrees that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular foreign country for any purpose and, more particularly, in proof of the right of Assignee to claim the aforesaid benefit of the right of priority.

Assignor covenants and agrees that this Assignment and all the terms thereof shall inure to the benefit of the successors, assigns, legal representatives, or nominees of Assignee, without further written or oral authorization from Assignor.

Finally, Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States Patent and Trademark Office to issue any patent included within the Inventions Rights to Assignee.

This the 5th day of	, 200/
Assignor, John Joseph/Ehrley	
Witness #1 Signature USan Reslick Witness #1 Name (print)	Rever M. Dondro Hendry Witness #2 Signature PACIET M. DONDERO - HENDRY Witness #2 Name (print)
2030 Pavers Jerry Rd, #580 Allanta GA 30339 Witness #1 Address	2030 POWERS TERRY Rb, STE 580 ATLANTA, GA 30339 Witness #2 Address
State of Seorgia County of Fulton United States of America	
On this 5th day of March Tohn Toseph Ehrley to be the person described as Assignor in and acknowledged the same to be his/her free act and described Sulfa Solla Notary Public	before me, to me known and known to me who executed the parpoles are trument and leed in and for the parpoles are the above.
My Commission Expires: May 12, 200	UNTY, GEOD

The Assignee hereby accepts the assignment of the	e invention and application as set forth above.
This the June day of March	, <u>2001</u>
Channelogics, Inc. Assignee By: Mati b. Mah	
Martin W. Mckinni Name (print)	
Chief Pechnical Title	Officer Pauls Of Day of the Assets
Witness #1 Signature	Reule (U. Denolio - Study Witness #2 Signature PACKER 91. DONDERO - HENDER)
Witness #1 Name (print) 2030 Powers Ferry Rd. #580	Witness #2 Name (print) 2030 Powers Terry RD, STE 500
AHanta, GA 3839 Witness #1 Address	ATANTA, GD 30339 Witness #2 Address
State of Georgia County of Fulton United States of America	ATION)
On this 5th day of March Martin W. McKinnon	, 200/ personally appeared
to be the person described in and who executed the same to be his/her free act and deed in and acknowledged that he/she had the authority to sign	for the purposes set forth above, and who on behalf of the Assignee.
Notary Public My Commission Expires: May 15, 2003	NGRID ERING NOTAGE TO SEE
	Course of the second

WHEREAS, Timothy Sean Sotack; 1674A LaVista Road; Atlanta, GA 30329

(hereinafter "Assignor") has invented certain new and useful improvements and/or designs (hereinafter "Invention"), for a full description of which reference is here made to a patent application entitled:

Method of Allocating Access Across A Shared Communications Medium

(hereinafter "Application") filed or to be filed with the U.S. Patent & Trademark Office, and for which Assignor hereby authorizes and requests Assignee to fill in the following blanks specifying the serial number and filing date for said application identified above (but Assignee's failure to do so shall have no bearing whatsoever upon the validity or legal effect of this Assignment):

Serial Number:_	Filed on:	; and
WHEREAS,		

Channelogics, Inc.; 2030 Powers Ferry Road, Suite 580; Atlanta, GA 30339

(hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in, to, and under the Invention and the Application, and in, to, and under any and all patents that may be obtained for the Invention, together with all foreign rights corresponding thereto;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has agreed to sell, assign, transfer and convey, and by these presents does hereby sells, assigns, transfers and conveys, unto Assignee the entire right, title, and interest in, to and under:

- □ The Invention and the Application;
- Any patent of the United States of America that may be obtained for the Invention;
- Any corresponding applications for patent of the Invention in any and all foreign countries;
- Any reissue, extension, renewal, substitution, confirmation, division, continuation and the like of any of the foregoing (hereinafter collectively "Invention Rights").

FURTHERMORE,

Assignor hereby covenants and agrees, and binds any and all heirs, administrators, legal representatives, and assigns, to assist and cooperate with Assignee in the preparation and prosecution of any application included within the Invention Rights and in the prosecution or defense of any interference, opposition, or other proceeding that may arise in connection with any application or patent included within the Invention Rights and, further, to execute and

PATENT REEL: 011602 FRAME: 0738

Assignor hereby authorizes and empowers Assignee to invoke and claim for any application or patent included within the Invention Rights the benefit of any rights to which Assignor might be entitled under international law or under the laws of any particular foreign country, and to invoke and claim such rights without further written or oral authorization from Assignor.

Assignor hereby consents and agrees that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular foreign country for any purpose and, more particularly, in proof of the right of Assignee to claim the aforesaid benefit of the right of priority.

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Finally, Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States Patent and Trademark Office to issue any patent included within the Inventions Rights to Assignee.

This the $54h$ day of M_{arch}	<u>, 20-1</u> .
Assignor, Timothy Sean Sotack	
Witness #1 Signature	Roull Ol. Dondero Henderx Witness #2 Signature
Witness #1 Name (print)	PACNET M. DONOBEO-HENDELX Witness #2 Name (print)
2030 Poisers Ferry Rd#580	2030 POWERS FERRY RD, STE 580
Hunta 64 363 7 Witness #1 Address	ATLANTA, GA 30339 Witness #2 Address
State of <u>Georgia</u> County of <u>Fulton</u> United States of America	ATION
On this 5th day of March Timothy Sean Sotact to be the person described as Assigner in and	
acknowledged the same to be his/her free act and de	who executed the integral histrament and
Notary Public My Commission Expires: May 12, 200.	MAY 12 2002 IN

The Assignee hereby accepts the assignment of the	invention and application as set forth above.
This the 5th day of March	. 2001
Channelogics, Inc. Assignee By: Mati le. Male	
Martin W. Mckinno, Name (print)	
Chief Yechnical Off Title	Raile O1- Dondro. Audup
Witness #1 Signature USCO KASTICK Witness #1 Name (print)	Witness #2 Signature PACIEL M. DONDERO- HENDER X Witness #2 Name (print)
2000 Pavers Ferry Rd#580 Hlanta GA 3033 9 Witness #1 Address	2030 POWERS FERRY RD, STE 580 ATLANIA, GA 30339 Witness #2 Address
State of Georgia County of Fulfan United States of America	ATION
On this 5th day of March	2001 personally appeared
On this 5th day of March Martin W. M.	before me, to me known and known to me foregoing instrument and acknowledged the for the purposes set to be to be and who on behalf of the Assignee.
My Commission Expires: May 12, 200	02 GEORGIT

WHEREAS, Mani M. Subramanian; 1652 Harts Mill Road; Atlanta, GA 30319

(hereinafter "Assignor") has invented certain new and useful improvements and/or designs (hereinafter "Invention"), for a full description of which reference is here made to a patent application entitled:

Method of Allocating Access Across A Shared Communications Medium

(hereinafter "Application") filed or to be filed with the U.S. Patent & Trademark Office, and for which Assignor hereby authorizes and requests Assignee to fill in the following blanks specifying the serial number and filing date for said application identified above (but Assignee's failure to do so shall have no bearing whatsoever upon the validity or legal effect of this Assignment):

Serial Number:	Filed on:	; and
MILEDEAC	· · · · · · · · · · · · · · · · · · ·	
WHEREAS,		

Channelogics, Inc.; 2030 Powers Ferry Road, Suite 580; Atlanta, GA 30339

(hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in, to, and under the Invention and the Application, and in, to, and under any and all patents that may be obtained for the Invention, together with all foreign rights corresponding thereto;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has agreed to sell, assign, transfer and convey, and by these presents does hereby sells, assigns, transfers and conveys, unto Assignee the entire right, title, and interest in, to and under:

- □ The Invention and the Application;
- Any patent of the United States of America that may be obtained for the Invention;
- Any corresponding applications for patent of the Invention in any and all foreign countries; and
- Any reissue, extension, renewal, substitution, confirmation, division, continuation and the like of any of the foregoing (hereinafter collectively "Invention Rights").

FURTHERMORE,

Assignor hereby covenants and agrees, and binds any and all heirs, administrators, legal representatives, and assigns, to assist and cooperate with Assignee in the preparation and prosecution of any application included within the Invention Rights and in the prosecution or defense of any interference, opposition, or other proceeding that may arise in connection with

1 of 4

PATEN

Assignor hereby authorizes and empowers Assignee to invoke and claim for any application or patent included within the Invention Rights the benefit of any rights to which Assignor might be entitled under international law or under the laws of any particular foreign country, and to invoke and claim such rights without further written or oral authorization from Assignor.

Assignor hereby consents and agrees that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular foreign country for any purpose and, more particularly, in proof of the right of Assignee to claim the aforesaid benefit of the right of priority.

Assignor covenants and agrees that this Assignment and all the terms thereof shall inure to the benefit of the successors, assigns, legal representatives, or nominees of Assignee, without further written or oral authorization from Assignor.

Finally, Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States Patent and Trademark Office to issue any patent included within the Inventions Rights to Assignee.

This the 5th day of March	, <u>2001</u>
manino subvanaira	
Assignor, Mani M. Subramanian	
Witness #1 Signature	Raul O. Dondeo Audux Witness #2 Signature
Witness #1 Name (print)	Rachel M. DONOBRO- HENORIX Witness #2 Name (print)
2030 Powers Ferry Rd, \$580	2030 POWERS FERRY RD, STE 580
Hanta, GA 3033 7 Witness #1 Address	ATLANIA, GA 30335 Witness #2 Address
State of Georgia NOTARIZA	ATION
County of <u>Fulton</u> United States of America)
On this 5 th day of March	, 2001 , personally appeared
Mani M. Subvamanian to be the person described as Assignor in and acknowledged the same to be his/her free act and d	who executed the foregoing instrument and
Notary Public My Commission Expires: May 12, 200	22 (Mar 12, 2002) (Ma
	Water Late

The Assignee hereby accepts the assignment of the invention and application as set forth above. This the Jie day of March, 2001 Channelogics, Inc. Assignee Mati h. Muli Martin W. Mckinnon Name (print) Paul Ol. Dondoo: Hudry Witness #2 Signature Witness #1 Signature RACKEL M. DONDERO · HENDRY Witness #2 Name (print) QUES FERNY Rd, #580 2030 POWERS FERRY RD, STE 580 **NOTARIZATION** State of County of United States of America On this 5th day of March, 2001, personally appeared Martin W. McKinnon before me, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be his/her free act and deed in and for the purposes set forth above, and who acknowledged that he/she had the authority to sign on behalf of the Allies

4 of 4

Notary ublic

My Commission Expires: May 12

RECORDED: 03/07/2001

PATENT REEL: 011602 FRAME: 0745