PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5014469

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARTIN W. MCKINNON III	03/05/2001
MANI M. SUBRAMANIAN	03/05/2001
TIMOTHY SEAN SOTACK	03/05/2001
JOHN JOSEPH EHRLEY	03/05/2001

RECEIVING PARTY DATA

Name:	CHANNELOGICS, INC.
Street Address:	2030 POWERS FERRY ROAD, SUITE 580
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30339

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7957417

CORRESPONDENCE DATA

Fax Number: (408)525-2912

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 408-525-3737

Email: patent-administrators@cisco.com

KAREN A. HALLOCK CISCO SYSTEMS INC. **Correspondent Name:**

170 WEST TASMAN DRIVE Address Line 1:

Address Line 2: SJC 10/5

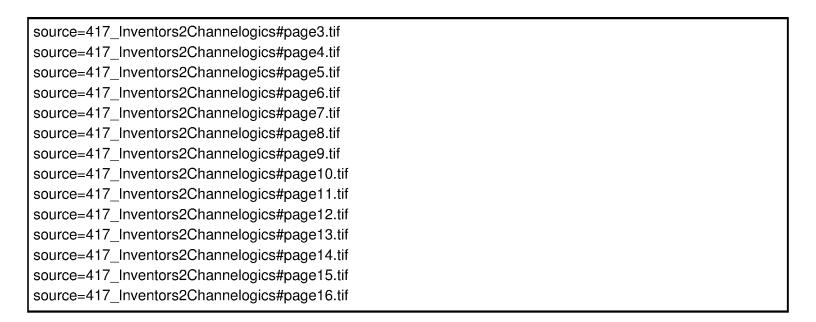
Address Line 4: SAN JOSE, CALIFORNIA 95134-1706

ATTORNEY DOCKET NUMBER:	417_INVENTORS2CHANNELOGIC
NAME OF SUBMITTER:	KAREN A. HALLOCK
SIGNATURE:	/Karen A Hallock/
DATE SIGNED:	06/19/2018

Total Attachments: 16

source=417 Inventors2Channelogics#page1.tif source=417_Inventors2Channelogics#page2.tif

> **PATENT** REEL: 046134 FRAME: 0601 504967723



PATENT REEL: 046134 FRAME: 0602

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:	F1led 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

deliver to Assignee any and all additional petitions, oaths, assignments, or other papers or instruments that may be requested by Assignee for the purpose of implementing the terms of this Agreement.

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 I</u> .
Meti W. Melinon, III	
Witness #1 Signature	Rache On Dondro - Hendung Witness #2 Signature
Witness #1 Namo (print)	RACHEL M PONDERO-HENDRIX Witness #2 Name (print)
2030 Pavers Ferry Rd., #580 PHarte &A 30839 Witness #1 Address	2030 POWERS TERRY RD, STE 580 ATLANTA, GA 30339 Witness #2 Address
State of Georgia County of Fulton United States of America	ATION)
On this 5th 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 with the same to be his/her free act and described wit	_ before me, to me known and known to me who executed the fire trument and
My Commission Expires May 12 200	2 GEORGII

The Assignee hereby accepts the assignment of the invention and application as set forth above

Channelogics, Inc Assignee By: Mat. h. h. L.
Name (print)
Chief Yechnical Officer Title
Witness #1 Signature Revule U. Wondrov - Hendry Witness #2 Signature
Witness #1 Name (print) RAGUEL M. PONDERO - HENDRIX Witness #2 Name (print)
2030 POWERS FERRY Rd, #580 2030 POWERS FERRY RD, STE 581
AHCATTO OH 80339 Witness #1 Address Witness #2 Address
NOTARIZATION State of County of United States of America
On this 5th day of March, 2001, personally appeared
Martin W. McKinnon TT 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 with above, and who acknowledged that he/she had the authority to sign on behalf of the Assignee No. The No. The Assignee No. T
My Commission Expires May 12, 2002. GEORGIE

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
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

deliver to Assignee any and all additional petitions, oaths, assignments, or other papers or instruments that may be requested by Assignee for the purpose of implementing the terms of this Agreement.

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 Standard day of March	, <u>2001</u> .
maninsubvanaira	
Assignor, Mani M. Subramanian	
Witness #1 Signature	Recuel O. Dondeo - Judex Witness #2 Signature
Witness #1 Name (print)	Rachel M DONOBEO- HENORIX Witness #2 Name (print)
2030 Powers Ferry Rd, \$580	2030 POWERS FERRY RD, STE 580
	ATLANTA, GA 30335 Witness #2 Address
State of Georgia County of Fulton United States of America	ATION
On this 5th day of March	200/ , personally appeared
Mani M. Subvamanian to be the person described as Assignor in and acknowledged the same to be his/her free act and described Eula Kalke Notary Public	who executed the foregoing instrument and
My Commission Expires. May 12, 200	22 \[\begin{align*}

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 By Mati h. Muli	
Martin W. Mck. nr Name (print)	00
Chief Yechnical (Officer
Witness #1 Signature	Paul O1. Dondoo: Hudey Witness #2 Signature
Witness #1 Name (print)	RACUEL M. DONDERO · HENDRIX Witness #2 Name (print)
2030 Javers Ferry Rd, #580	2030 POWERS FERRY RD, STE 580
Hente 64 3837 Witness #1 Address	ATLANTA, GA 80339 Witness #2 Address
NOTARIZ NOTARIZ	ATION
State of Georgia County of Fulton	
United States of America	
On this 5th day of March	, 2001 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 Notary bublic	TOZ MAL ROLLIE
My Commission Expires: May 12, 20	02 CEORCIF

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 (\$100), 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,

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deliver to Assignee any and all additional petitions, oaths, assignments, or other papers or instruments that may be requested by Assignee for the purpose of implementing the terms of this Agreement

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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_{qrch}	<u>, 20-1</u> .
Assignor, Timothy Sean Sotack	
Witness #1 Signature	Roule Ol- Donder Hender Witness #2 Signature
Witness #1 Name (print)	PACULE M DONOLLO-HENDELX Witness #2 Name (print)
2030 Polsens Ferry Rd.#586	2030 POWERS TERRY RD, STE 580
Harta 6A 3B3 9 Witness #1 Address	ATLANTA, GA 30339 Witness #2 Address
State of Georgia County of Fulton United States of America	ATION)
On this 5th day of March	, 200/ personally appeared
Timoth's Sean Sotack to be the person described as Assignor in and acknowledged the same to be his/her free act and described to be his/her free act and descri	before me, to me known and known to me who executed the foregoing instrument and eed in and for the puch leave not the puch lea
My Commission Expires May 12, 200.	COUNTY, GEORGIA

The Assignee hereby accepts the assignment of the invention and application as set forth above.

This the 5th day of Mank	, 2001	
Channelogics, Inc. Assignee By Mati la. Mal		
Martin W. Mckinno, Name (print)		
Chief Jechnical Off Title	Raile O1-Dondro. Henders	
Witness #1 Signature	Witness #2 Signature	
Witness #1 Name (print)	PACCEL M. DONDERS HENDER X. Witness #2 Name (print)	
2000 Pavers Ferry Rd#580	2030 POWERS FERRY RD, STE 580	
Hlanta GA 3033 9 Witness #1 Address	ATLANIA, GA 30339 Witness #2 Address	
NOTARIZATION State of Georgia County of Fulton United States of America		
On this 5th day of March,	2001 personally appeared	
Martin W McKinnon III	before me to me known and known to me	
Martin W. McLinnon . The 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 for the purposes.		
elique alla holde		
Notary Exi blic My Commission Expires: My Log 12, 200	02 Py, 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
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deliver to Assignee any and all additional petitions, oaths, assignments, or other papers or instruments that may be requested by Assignee for the purpose of implementing the terms of this Agreement

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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 day ofday of	, 2001	
Assignor, John Joseph/Ehrley		
Witness #1 Signature	Reuly Od. Dondro Hendry Witness #2 Signature	
Witness #1 Name (print)	RACUEL M. DONDERO - HENDRY Witness #2 Name (print)	
2030 Pavers Ferry Rd, #580	2030 POWERS FERRY Rb, STE 580	
Atlanta GA 30339 Witness #1 Address	Mitness #2 Address	
NOTARIZATION State of <u>Jeorgia</u> County of <u>Fulton</u> United States of America		
On this 5th day of March, 2001, personally appeared		
Tohn Toseph Chrle) before me, to me known and known to me to be the person described as Assignor in and who executed the town as strument and acknowledged the same to be his/her free act and deed in and for the parposes as the town above		
Notary Public	MAY 12, 2002 IT	
My Commission Expires May 12, 200	COUNTY, GEORGY	

The Assignee hereby accepts the assignment of the invention and application as set forth above

This the June day of March	<u>, 2001</u>
Channelogics, Inc. Assignee By Mati lo, Mah	
Mailin W. Mckinn Name (print)	
Title Witness #1 Signature	Reule O. Donder Study Witness #2 Signature
Witness #1 Name (print)	PACUEL G. DONDERO HENDER) Witness #2 Name (print)
2030 Jowers Jerry Kd. #SSO AHanta, GA 30339 Witness #1 Address	ARANTA, GD 30339 Witness #2 Address
State of <i>Georgia</i> County of <i>Fulton</i> United States of America	ATION)
On this 5 th day of March	, 2001, 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 Man 18 200:	NOTAGE AND PARTY OF THE PROPERTY OF THE PROPER
My Commission Expires May 15, 2003	TOUNTY, GEORGIA