

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Sami Boutros	12/16/2010
Yuri Tsier	01/04/2011
Muthurajah Sivabalan	01/28/2011
Pradosh Mohapatra	01/24/2011
Clarence Filsfils	12/17/2010
John H. W. Bettink	12/17/2010
Luca Martini	01/03/2011
RECEIVING PARTY DATA	
Name:	Cisco Technology, Inc.
Street Address:	170 West Tasman Drive
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134-1706
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13018125
CORRESPONDENCE DATA	
Fax Number:	(617)951-3927
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	617-951-2500
Email:	Docket@c-m.com
Correspondent Name:	Cesari and McKenna, LLP
Address Line 1:	88 Black Falcon Avenue
Address Line 4:	Boston, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMBER:	112025-0949

CH \$40.00 13018125

501422690

**PATENT
 REEL: 025725 FRAME: 0516**

NAME OF SUBMITTER:

James A. Blanchette

Total Attachments: 21

source=23P2323#page1.tif

source=23P2323#page2.tif

source=23P2323#page3.tif

source=23P2323#page4.tif

source=23P2323#page5.tif

source=23P2323#page6.tif

source=23P2323#page7.tif

source=23P2323#page8.tif

source=23P2323#page9.tif

source=23P2323#page10.tif

source=23P2323#page11.tif

source=23P2323#page12.tif

source=23P2323#page13.tif

source=23P2323#page14.tif

source=23P2323#page15.tif

source=23P2323#page16.tif

source=23P2323#page17.tif

source=23P2323#page18.tif

source=23P2323#page19.tif

source=23P2323#page20.tif

source=23P2323#page21.tif

ASSIGNMENT

Whereas We, Sami Boutros, whose residence address is 407 Camberly Court, San Ramon, CA, 94583, Yuri Tsier, whose residence address is 29 Grengold Way, Ontario, Kanata, K2T1E2, Canada, Muthurajah Sivabalan, whose residence address is 17 Keighley Circle, Kanata, Ontario, K2K 3H9, Canada, Pradosh Mohapatra, whose residence address is 4911 Friar Avenue, Fremont, CA, 94555, Clarence Filsfils, whose residence address is 66, rue du duc, 1150 Brussels, Belgium, John H. W. Bettink, whose residence address is 777 Coffeewood Court, San Jose, CA, 95134 and Luca Martini, whose residence address is 13755 W. Kentucky Drive, Lakewood, CO, 80228 have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled USING CONTEXT LABELS TO SCALE MAC TABLES ON COMPUTER NETWORK EDGE DEVICES, identified by Cesari and McKenna File No. 112025-0949 / Seq. 29749; CPOL 969120, which application was enclosed on even date herewith; and

Whereas Cisco Technology, Inc., whose address is 170 West Tasman Drive, San Jose, CA, 95134-1706, US, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we, hereby, without reservation:

1. Assign, transfer and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;


4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make,

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

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

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

December 16, 2010
Date



Sami Boutros, Inventor

Date

Yuri Tsier, Inventor

Date

Muthurajah Sivabalan, Inventor

Date

Pradosh Mohapatra, Inventor

Date

Clarence Filsfils, Inventor

Date

John H. W. Bettink, Inventor

Date

Luca Martini, Inventor

ASSIGNMENT

Whereas We, Sami Boutros, whose residence address is 407 Camberly Court, San Ramon, CA, 94583, Yuri Tsier, whose residence address is 29 Grengold Way, Kanata, Ontario, K2T1E2, Canada, Muthurajah Sivabalan, whose residence address is 17 Keighley Circle, Kanata, Ontario, K2K 3H9, Canada, Pradosh Mohapatra, whose residence address is 4911 Friar Avenue, Fremont, CA, 94555, Clarence Filsfils, whose residence address is 66, rue du duc, 1150 Brussels, Belgium, John H. W. Bettink, whose residence address is 777 Coffeewood Court, San Jose, CA, 95134 and Luca Martini, whose residence address is 13755 W. Kentucky Drive, Lakewood, CO, 80228 have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled USING CONTEXT LABELS TO SCALE MAC TABLES ON COMPUTER NETWORK EDGE DEVICES, identified by Cesari and McKenna File No. 112025-0949 / Seq. 29749; CPOL 969120, which application was enclosed on even date herewith; and

Whereas Cisco Technology, Inc., whose address is 170 West Tasman Drive, San Jose, CA, 95134-1706, US, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we, hereby, without reservation:

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

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

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

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

Date

Jan 4, 2011

Date

Sami Boutros, Inventor



Yuri Tsier, Inventor

Date

Muthurajah Sivabalan, Inventor

Date

Pradosh Mohapatra, Inventor

Date

Clarence Filsfils, Inventor

Date

John H. W. Bettink, Inventor

Date

Luca Martini, Inventor

ASSIGNMENT

Whereas We, Sami Boutros, whose residence address is 407 Camberly Court, San Ramon, CA, 94583, Yuri Tsier, whose residence address is 29 Grengold Way, Kanata, Ontario, K2T1E2, Canada, Muthurajah Sivabalan, whose residence address is 17 Keighley Circle, Kanata, Ontario, K2K 3H9, Canada, Pradosh Mohapatra, whose residence address is 4911 Friar Avenue, Fremont, CA, 94555, Clarence Filsfils, whose residence address is 66, rue du duc, 1150 Brussels, Belgium, John H. W. Bettink, whose residence address is 777 Coffeewood Court, San Jose, CA, 95134 and Luca Martini, whose residence address is 13755 W. Kentucky Drive, Lakewood, CO, 80228 have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled USING CONTEXT LABELS TO SCALE MAC TABLES ON COMPUTER NETWORK EDGE DEVICES, identified by Cesari and McKenna File No. 112025-0949 / Seq. 29749; CPOL 969120, which application was enclosed on even date herewith; and

Whereas Cisco Technology, Inc., whose address is 170 West Tasman Drive, San Jose, CA, 95134-1706, US, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we, hereby, without reservation:

1. Assign, transfer and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make,

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

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

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

Date

Sami Boutros, Inventor

Date

Yuri Tsier, Inventor

Date

Jan 28, 2011



Muthurajah Sivabalan, Inventor

Date

Pradosh Mohapatra, Inventor

Date

Clarence Filsfils, Inventor

Date

John H. W. Bettink, Inventor

Date

Luca Martini, Inventor

ASSIGNMENT

Whereas We, Sami Boutros, whose residence address is 407 Camberly Court, San Ramon, CA, 94583, Yuri Tsier, whose residence address is 29 Grengold Way, Kanata, Ontario, K2T1E2, Canada, Muthurajah Sivabalan, whose residence address is 17 Keighley Circle, Kanata, Ontario, K2K 3H9, Canada, Pradosh Mohapatra, whose residence address is 4911 Friar Avenue, Fremont, CA, 94555, Clarence Filsfils, whose residence address is 66, rue du duc, 1150 Brussels, Belgium, John H. W. Bettink, whose residence address is 777 Coffeewood Court, San Jose, CA, 95134 and Luca Martini, whose residence address is 13755 W. Kentucky Drive, Lakewood, CO, 80228 have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled USING CONTEXT LABELS TO SCALE MAC TABLES ON COMPUTER NETWORK EDGE DEVICES, identified by Cesari and McKenna File No. 112025-0949 / Seq. 29749; CPOL 969120, which application was enclosed on even date herewith; and

Whereas Cisco Technology, Inc., whose address is 170 West Tasman Drive, San Jose, CA, 95134-1706, US, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we, hereby, without reservation:

1. Assign, transfer and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make,

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

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

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

Date

Sami Boutros, Inventor

Date

Yuri Tsier, Inventor

Date

Muthurajah Sivabalan, Inventor

1/29/11

Date



Pradosh Mohapatra, Inventor

Date

Clarence Filsfils, Inventor

PATENTS
112025-0949
Seq. 29749; CPOL 969120

Date

John H. W. Bettink, Inventor

Date

Luca Martini, Inventor

ASSIGNMENT

Whereas We, Sami Boutros, whose residence address is 407 Camberly Court, San Ramon, CA, 94583, Yuri Tsier, whose residence address is 29 Grengold Way, Ontario, Kanata, K2T1E2, Canada, Muthurajah Sivabalan, whose residence address is 17 Keighley Circle, Kanata, Ontario, K2K 3H9, Canada, Pradosh Mohapatra, whose residence address is 4911 Friar Avenue, Fremont, CA, 94555, Clarence Filsfils, whose residence address is 66, rue du duc, 1150 Brussels, Belgium, John H. W. Bettink, whose residence address is 777 Coffeewood Court, San Jose, CA, 95134 and Luca Martini, whose residence address is 13755 W. Kentucky Drive, Lakewood, CO, 80228 have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled USING CONTEXT LABELS TO SCALE MAC TABLES ON COMPUTER NETWORK EDGE DEVICES, identified by Cesari and McKenna File No. 112025-0949 / Seq. 29749; CPOL 969120, which application was enclosed on even date herewith; and

Whereas Cisco Technology, Inc., whose address is 170 West Tasman Drive, San Jose, CA, 95134-1706, US, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we, hereby, without reservation:

1. Assign, transfer and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make,

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

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

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

Date

Yuri Tsier, Inventor

Date

Muthurajah Sivabalan, Inventor

Date

Pradosh Mohapatra, Inventor

17 decembre 2010
Date



Clarence Filsfils, Inventor

Date

John H. W. Bettink, Inventor

Date

Luca Martini, Inventor

ASSIGNMENT

Whereas We, Sami Boutros, whose residence address is 407 Camberly Court, San Ramon, CA, 94583, Yuri Tsier, whose residence address is 29 Grengold Way, Ontario, Kanata, K2T1E2, Canada, Muthurajah Sivabalan, whose residence address is 17 Keighley Circle, Kanata, Ontario, K2K 3H9, Canada, Pradosh Mohapatra, whose residence address is 4911 Friar Avenue, Fremont, CA, 94555, Clarence Filsfils, whose residence address is 66, rue du duc, 1150 Brussels, Belgium, John H. W. Bettink, whose residence address is 777 Coffeewood Court, San Jose, CA, 95134 and Luca Martini, whose residence address is 13755 W. Kentucky Drive, Lakewood, CO, 80228 have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled USING CONTEXT LABELS TO SCALE MAC TABLES ON COMPUTER NETWORK EDGE DEVICES, identified by Cesari and McKenna File No. 112025-0949 / Seq. 29749; CPOL 969120, which application was enclosed on even date herewith; and

Whereas Cisco Technology, Inc., whose address is 170 West Tasman Drive, San Jose, CA, 95134-1706, US, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we, hereby, without reservation:

1. Assign, transfer and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make,

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

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

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

Date

Sami Boutros, Inventor

Date

Yuri Tsier, Inventor

Date

Muthurajah Sivabalan, Inventor

Date

Pradosh Mohapatra, Inventor

Date

Clarence Filsfils, Inventor

PATENTS

112025-0949

Seq. 29749; CPOE 969120

Dec 17 2010
Date

John H. W. Betink
John H. W. Betink, Inventor

Date

Luca Martini, Inventor

ASSIGNMENT

Whereas We, Sami Boutros, whose residence address is 407 Camberly Court, San Ramon, CA, 94583, Yuri Tsier, whose residence address is 29 Grengold Way, Ontario, Kanata, K2T1E2, Canada, Muthurajah Sivabalan, whose residence address is 17 Keighley Circle, Kanata, Ontario, K2K 3H9, Canada, Pradosh Mohapatra, whose residence address is 4911 Friar Avenue, Fremont, CA, 94555, Clarence Filsfils, whose residence address is 66, rue du duc, 1150 Brussels, Belgium, John H. W. Bettink, whose residence address is 777 Coffeewood Court, San Jose, CA, 95134 and Luca Martini, whose residence address is 13755 W. Kentucky Drive, Lakewood, CO, 80228 have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled USING CONTEXT LABELS TO SCALE MAC TABLES ON COMPUTER NETWORK EDGE DEVICES, identified by Cesari and McKenna File No. 112025-0949 / Seq. 29749; CPOL 969120, which application was enclosed on even date herewith; and

Whereas Cisco Technology, Inc., whose address is 170 West Tasman Drive, San Jose, CA, 95134-1706, US, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we, hereby, without reservation:

1. Assign, transfer and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

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

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

Date

Sami Boutros, Inventor

Date

Yuri Tsier, Inventor

Date

Muthurajah Sivabalan, Inventor

Date

Pradosh Mohapatra, Inventor

Date

Clarence Filsfils, Inventor

Date

John H. W. Bettink, Inventor

01/03/11

Date



Luca Martini, Inventor