

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sami Boutros	05/04/2009
Muthurajah Sivabalan	05/11/2009
Luca Martini	05/04/2009
George Swallow	05/03/2009

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:	12383359

CORRESPONDENCE DATA

Fax Number: (617)951-3927
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 617-951-2500
 Email: jmb@c-m.com, elaine@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:	112025-0883
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NAME OF SUBMITTER:	James M. Behmke
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Total Attachments: 9
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**PATENT
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PATENTS
112025-0883
Seq. 21170; CPOL 960193

ASSIGNMENT

Whereas We, Sami Boutros, whose residence address is 119 Claremont Crest CT., San Ramon CA 94583 US, Muthurajah Sivabalan, whose residence address is 17 Keighley Circle, Kanata, Ontario, K2K 3H9, CANADA, Luca Martini, whose residence address is 13755 W. Kentucky Drive, Lakewood, CO, 80228 and George Swallow, whose residence address is 7 Fairfield Street, Boston, MA, 02116 have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled RESTORING MULTI-SEGMENT PSEUDOWIRES FOLLOWING FAILURE OF A SWITCHING PE DEVICE, identified by Cesari and McKenna File No. 112025-0883 / Seq. 21170; CPOL 960193, the specification of which was filed on March 23, 2009 and accorded Serial No. 12/383,359; 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 predicted 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;

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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.

05/04/2009
Date

[Signature]
Sami Boutros, Inventor

Date

Muthurajah Sivabalan, Inventor

Date

Luca Martini, Inventor

Date

George Swallow, Inventor

ASSIGNMENT

Whereas We, Sami Boutros, whose residence address is 119 Claremont Crest Court, San Ramon, CA 94583, Muthurajah Sivabalan, whose residence address is 17 Keighley Circle, Kanata, Ontario, K2K 3H9, CANADA, Luca Martini, whose residence address is 13755 W. Kentucky Drive, Lakewood, CO, 80228 and George Swallow, whose residence address is 7 Fairfield Street, Boston, MA, 02116 have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled RESTORING MULTI-SEGMENT PSEUDOWIRES FOLLOWING FAILURE OF A SWITCHING PE DEVICE, identified by Cesari and McKenna File No. 112025-0883 / Seq. 21170; CPOL 960193, the specification of which was filed on March 23, 2009 and accorded Serial No. 12/383,359; and

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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;

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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

MAY 11, 2009



Date

Muthurajah Sivabalan, Inventor

Date

Luca Martini, Inventor

Date

George Swallow, Inventor

ASSIGNMENT

Whereas We, Sami Boutros, whose residence address is 137 Goodman Drive Kanata, Ontario, K2W 1C7, CANADA, Muthurajah Sivabalan, whose residence address is 17 Keighley Circle, Kanata, Ontario, K2K 3H9, CANADA, Luca Martini, whose residence address is 13755 W. Kentucky Drive, Lakewood, CO, 80228 and George Swallow, whose residence address is 7 Fairfield Street, Boston, MA, 02116 have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled RESTORING MULTI-SEGMENT PSEUDOWIRES FOLLOWING FAILURE OF A SWITCHING PE DEVICE, identified by Cesari and McKenna File No. 112025 -0883 / Seq. 21170; CPOL 960193, the specification of which was filed on March 23, 2009 and accorded Serial No. 12/383,359 ; and

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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;

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Date

Sami Boutros, Inventor

Date

Muthurajah Sivabalan, Inventor

514109

Date



Luca Martini, Inventor

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Date

George Swallow, Inventor

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Sami Boutros, Inventor

Date

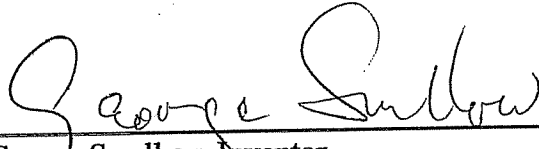
Muthurajah Sivabalan, Inventor

Date

Luca Martini, Inventor

5/3/09

Date



George Swallow, Inventor