

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jacob Ijsbrand Wijnands</td> <td>02/15/2010</td> </tr> <tr> <td>Zafar Ali</td> <td>02/19/2010</td> </tr> <tr> <td>Sameer Gulrajani</td> <td>02/12/2010</td> </tr> </tbody> </table>		Name	Execution Date	Jacob Ijsbrand Wijnands	02/15/2010	Zafar Ali	02/19/2010	Sameer Gulrajani	02/12/2010		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Cisco Technology, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>170 West Tasman Drive</td> </tr> <tr> <td>City:</td> <td>San Jose</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95134-1706</td> </tr> </table>		Name:	Cisco Technology, Inc.	Street Address:	170 West Tasman Drive	City:	San Jose	State/Country:	CALIFORNIA	Postal Code:	95134-1706
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CORRESPONDENCE DATA											
Fax Number: (612)339-3061 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 612.373.6900 Email: uspto@slwip.com Correspondent Name: SCHWEGMAN, LUNDBERG & WOESSNER, P.A. Address Line 1: P.O. BOX 2938 Address Line 4: MINNEAPOLIS, MINNESOTA 55402											
ATTORNEY DOCKET NUMBER:	1370.394US1										
NAME OF SUBMITTER:	Jonathan Ferguson										
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ASSIGNMENT

WHEREAS, We, Jacob Ijsbrand Wijnands, residing at Bogaardenstraat 58, Leuven 3000, Belgium, and Zafar Ali, residing at 705 Silverdale Drive, Windsor, ON N9G 2X8, Canada, and Sameer Gulrajani, residing at 65 Rio Robles East, Apt. #2303, San Jose, CA 95134, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent entitled PROTOCOL INDEPENDENT MULTICAST IN A POINT-TO-MULTIPOINT NETWORK;

WHEREAS, We hereby authorize and request the attorneys, representing Cisco Technology, Inc. on this application, at Schwegman, Lundberg & Woessner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 12/709,271 ; Filing Date: 02/19/2010) the filing date and application number of said application when known.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Cisco Technology, Inc. (the "Assignee"), a corporation of the State of California, having a place of business at 170 West Tasman Drive, San Jose, CA 95134-1706, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Additional Application Information

No Provisional claim for priority is being made at this time.

No U.S. Non-Provisional claim for priority is being made at this time.

No International or foreign claim for priority is being made at this time.

Assignment

Client Ref. No. CPOL 961724 / SEQ 22290

Assignors: Jacob Ijsbrand Wijnands et al.

Title: PROTOCOL INDEPENDENT MULTICAST IN A POINT-TO-MULTIPOINT NETWORK

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Docket No: 1370.394US1

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

Inventor: 1:

(Signature): _____

Name: **Jacob Ijsbrand Wijnands**

Date: _____ 15 - FEB - 2010

Assignment

Assignee: Jacob Hertzog Wijnands et al.

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Name: Zafar Ali

FEB 19, 2010

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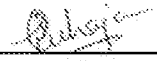
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Inventor: 3:

(Signature): 

Name: **Sameer Gulrajani**

Date: 02/12/2010