

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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ornan Alexander Gerstel</td> <td>01/19/2009</td> </tr> <tr> <td>David Delano Ward</td> <td>01/16/2009</td> </tr> </tbody> </table>		Name	Execution Date	Ornan Alexander Gerstel	01/19/2009	David Delano Ward	01/16/2009
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Ornan Alexander Gerstel	01/19/2009						
David Delano Ward	01/16/2009						
RECEIVING PARTY DATA							
Name:	Cisco Technology Inc., a corporation of California						
Street Address:	170 W. Tasman Drive						
City:	San Jose						
State/Country:	CALIFORNIA						
Postal Code:	95134						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12355921</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12355921		
Property Type	Number						
Application Number:	12355921						
CORRESPONDENCE DATA							
Fax Number:	(303)778-0748						
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NAME OF SUBMITTER:	Kirk D. Williams						
Total Attachments: 3 source=24141_Assignment#page1.tif source=24141_Assignment#page2.tif source=24141_Assignment#page3.tif							

OP \$40.00 12355921

Attorney Docket No. 24141
The Law Office of Kirk D. Williams
Attorney at Law
PO BOX 39425, Denver, CO 80239-0425

ASSIGNMENT

WHEREAS, WE, ORNAN ALEXANDER GERSTEL (OF HERZELIA ISRAEL) AND DAVID DELANO WARD OF SOMERSET, WI, are the joint inventors of an invention entitled "REGISTRATION OF DEVICE CHARACTERISTICS WITH OPTICAL LAYER FOR USE IN ESTABLISHING CONNECTIONS THROUGH AN OPTICAL NETWORK" as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

WHEREAS, Cisco Technology, Inc. (hereinafter referred to as Assignee), a corporation of the State of California having a place of business at 170 W. Tasman Drive, San Jose, CA 95134 is desirous of acquiring the entire United States domestic and foreign right, title, and interest in and under the invention described in the patent application and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries, it being understood that a reference herein to "foreign countries" includes all countries other than the United States;

NOW, THEREFORE, in exchange for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we sell, assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights, title and interest in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the patent application and other such applications, including, but not limited to, provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions, that may be filed in the United States and every foreign country on the invention, and the patents or extensions thereof, both foreign and domestic, that may issue thereon, including the right to file foreign applications directly in the name of Assignee and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by Assignee and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by us had this assignment, transfer and sale not been made. We do hereby authorize and request the Commissioner of Patents and Trademarks to issue United States patents on said invention to Assignee.

WE DO HEREBY COVENANT and agree with Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining patents of the United States and of any and all foreign countries on the invention, including, but not

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limited to, provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, including executing all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

WE have hereunder set our hands on the dates shown below.

Date 1. 19. 09



ORNAN ALEXANDER GERSTEL

Date _____

DAVID DELANO WARD

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limited to, provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, including executing all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

We have hereunder set our hands on the dates shown below.

Date _____

ORNAN ALEXANDER GERSTEL

Date

2008.01.15



 DAVID DELANO WARD

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