

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Brian E. Crookes</td><td>02/05/2009</td></tr><tr><td>David Verbrugge</td><td>02/05/2009</td></tr></tbody></table>		Name	Execution Date	Brian E. Crookes	02/05/2009	David Verbrugge	02/05/2009
Name	Execution Date						
Brian E. Crookes	02/05/2009						
David Verbrugge	02/05/2009						
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							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12276847</td></tr></tbody></table>		Property Type	Number	Application Number:	12276847		
Property Type	Number						
Application Number:	12276847						
CORRESPONDENCE DATA							
Fax Number:	(301)762-4056						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	Lawrence D. Eisen						
Total Attachments: 1 source=ExecutedAssn#page1.tif							

OP \$40.00 12276847

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PATENT
REEL: 022234 FRAME: 0142

ASSIGNMENT

For good and valuable consideration, WE, Brian E. Crookes, a citizen of Canada, residing at 10 Hopedale Avenue, East York, Ontario M4K 3M7 Canada, and David Verbrugge, a citizen of Canada, residing at 8 Rolling Meadow Drive, Caledon, Ontario L7K 0N2 Canada, hereinafter individually or collectively referred to as "Assignor";


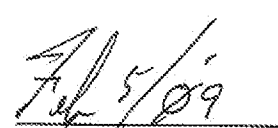
Hereby sell, assign and transfer to **Cisco Technology, Inc.**, a corporation organized and existing under the laws of California, having its principal place of business at 170 West Tasman Drive, San Jose, California 95134-1706, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and

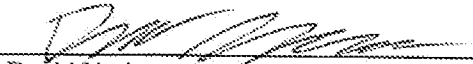
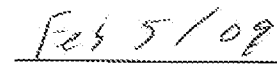
entitled: **PACKET ERROR CORRECTION**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIGNATURE:  DATE: 
Brian E. Crookes

SIGNATURE:  DATE: 
David Verbrugge