

PATENT ASSIGNMENT

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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>Niels Brunsgaard</td><td>10/10/2007</td></tr><tr><td>Christopher E. Pearce</td><td>10/17/2007</td></tr></tbody></table>	Name	Execution Date	Niels Brunsgaard	10/10/2007	Christopher E. Pearce	10/17/2007	
Name	Execution Date						
Niels Brunsgaard	10/10/2007						
Christopher E. Pearce	10/17/2007						
RECEIVING PARTY DATA							
Name:	Cisco Technology, Inc.						
Street Address:	170 W. Tasman Drive						
City:	San Jose						
State/Country:	CALIFORNIA						
Postal Code:	95134						
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>11923107</td></tr></tbody></table>	Property Type	Number	Application Number:	11923107			
Property Type	Number						
Application Number:	11923107						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	100101-034100US						
NAME OF SUBMITTER:	Sherry Sutterfield						
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred herein as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Cisco Technology, Inc., having a place of business at 170 W. Tasman Drive, San Jose, CA 95134, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled **LOCAL ROUTE GROUPS AND TRANSFORMATION PATTERNS**

("APPLICATION"), which:

- ☒ is to be filed herewith
☐ was filed on _____,
now bearing U.S. serial number _____; and

2. The entire worldwide right, title, and interest in and to:
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), (c) and (d) above; and (e) all right of priority in the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all assignments, oaths, powers of attorney, applications, and other papers (and/or documents) necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney(s) of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Re: Niels Brunsgaard, et al.

Title:

LOCAL ROUTE GROUPS AND TRANSFORMATION PATTERNS

Filed: (if applicable)

Herewith

Atty. Docket No.:

100101-034100US/16383

Serial No.: (if applicable)

Name and Signature

Niels Brunsgaard
Niels Brunsgaard

Niels Brunsgaard

Date of Signature

10/10, 2007

Name and Signature

Christopher E. Pearce

Date of Signature

_____, 2007

PATENT

Title of Document: **ASSIGNMENT**

Re: Niels Brunsgaard, et al.

Title: LOCAL ROUTE GROUPS AND TRANSFORMATION PATTERNS

Filed: (if applicable) Herewith

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Name and Signature

Date of Signature

Niels Brunsgaard

, 2007

Name and Signature

Date of Signature

Christopher E Pearce

10 / 17

, 2007

Christopher E. Pearce