

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>MUKESH CHHABRA</td> <td>09/12/2012</td> </tr> <tr> <td>PRASHANT VASHISHT</td> <td>09/12/2012</td> </tr> <tr> <td>MOHIT BATRA</td> <td>09/11/2012</td> </tr> <tr> <td>RAJNEESH MISHRA</td> <td>09/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	MUKESH CHHABRA	09/12/2012	PRASHANT VASHISHT	09/12/2012	MOHIT BATRA	09/11/2012	RAJNEESH MISHRA	09/12/2012
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PRASHANT VASHISHT	09/12/2012										
MOHIT BATRA	09/11/2012										
RAJNEESH MISHRA	09/12/2012										
RECEIVING PARTY DATA											
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Street Address:	7035 RIDGE ROAD										
City:	HANOVER										
State/Country:	MARYLAND										
Postal Code:	21076										
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>13659554</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13659554						
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Application Number:	13659554										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Christopher L. Bernard										
Total Attachments: 2 source=10_2113_Assignment#page1.tif source=10_2113_Assignment#page2.tif											

OP \$40.00 13659554

ASSIGNMENT

WHEREAS, **Mukesh Chhabra, Prashant Vashisht, Mohit Batra, and Rajneesh Mishra** (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in an invention entitled:

LOAD BALANCING SYSTEMS AND METHODS OF MAC LEARNING IN MULTI-SLOT ARCHITECTURES

for which U.S. Patent Application No. 13/659,554 was filed on 10-24-2012.

WHEREAS, **CIENA CORPORATION**, 7035 Ridge Road, Hanover, MD 21076 USA (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire right, title, and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, in accordance with obligations entered into pursuant to an Employment Agreement or other agreement and/or for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, transfer and assign to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNORS' entire right, title, and interest in and to said invention and improvements invented and originated by ASSIGNORS in the United States and its territorial possessions and in any and all foreign countries and to all Letters Patent or similar legal protections in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any application claiming priority to/from the application, or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension, or reissue thereof or any legal equivalent thereof in a foreign country for the full term(s) for which the same may be granted; and authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereof, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention, said application, and said Letters Patent and legal equivalents thereof in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, issue, and/or enforce said invention, said application, and said Letters Patent and legal equivalents thereof in foreign countries which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, we have hereunto set hand and signed on the date indicated below:

<i>Mukesh Chhabra</i>	Date: <u>09/12/2012</u>
Mukesh Chhabra	
<i>Prashant Vashisht</i>	Date: <u>09/12/2012</u>
Prashant Vashisht	
Mohit Batra	Date: _____
<i>Rajneesh Mishra</i>	Date: <u>09/12/2012</u>
Rajneesh Mishra	

ASSIGNMENT

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ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention, said application, and said Letters Patent and legal equivalents thereof in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, issue, and/or enforce said invention, said application, and said Letters Patent and legal equivalents thereof in foreign countries which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, we have hereunto set hand and signed on the date indicated below:

Mukesh Chhabra

Date: _____

Prashant Vashisht

Date: _____

Mohit Batra

Mohit Batra

Date: 11-Sep-2012

Rajneesh Mishra

Date: _____