

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3420128

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ATTORNEY DOCKET NUMBER previously recorded on Reel 035907 Frame 0633. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
GERARD LEO SWINKELS	06/25/2015
SUMANT CHANDAVARKAR	06/25/2015
RECEIVING PARTY DATA	
Name:	CIENA CORPORATION
Street Address:	7035 RIDGE ROAD
City:	HANOVER
State/Country:	MARYLAND
Postal Code:	21076
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14750477
CORRESPONDENCE DATA	
Fax Number:	(704)366-9744
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	7047903600
Email:	nduer@worldpatents.com
Correspondent Name:	CLEMENTS BERNARD PLLC
Address Line 1:	1901 ROXBOROUGH
Address Line 2:	SUITE 250
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28211
ATTORNEY DOCKET NUMBER:	10.2158
NAME OF SUBMITTER:	CHRISTOPHER L. BERNARD
SIGNATURE:	/Christopher L. Bernard/
DATE SIGNED:	06/30/2015
Total Attachments: 4	
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Confirmation Receipt

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The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

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>GERARD LEO SWINKELS</td><td>06/25/2015</td></tr><tr><td>SUMANT CHANDAVARKAR</td><td>06/25/2015</td></tr></tbody></table>	Name	Execution Date	GERARD LEO SWINKELS	06/25/2015	SUMANT CHANDAVARKAR	06/25/2015							
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Application Number:	14750477												
CORRESPONDENCE DATA													

PATENT**REEL: 036038 FRAME: 0849**

Fax Number: (704)366-9744**Phone:** 7047903600**Email:** nduer@worldpatents.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: CLEMENTS BERNARD PLLC**Address Line 1:** 1901 ROXBOROUGH**Address Line 2:** SUITE 250**Address Line 4:** CHARLOTTE, NORTH CAROLINA 28211**ATTORNEY DOCKET NUMBER:** 10.2258**NAME OF SUBMITTER:** CHRISTOPHER L. BERNARD**Signature:** /Christopher L. Bernard/**Date:** 06/25/2015**Total Attachments: 2**

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RECEIPT INFORMATION**EPAS ID:** PAT3413562**Receipt Date:** 06/25/2015

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ASSIGNMENT

WHEREAS, Gerard Leo SWINKELS and Sumant CHANDAVARKAR (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in an invention entitled:

FAST INTERLAYER FORWARDING

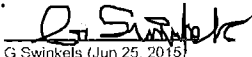
for which an application for a United States patent is being submitted to the United States Patent and Trademark Office herewith; and

WHEREAS, Ciena Corporation, 2035 Ridge Road, Hanover, MD 21076 (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 administrative proceeding 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:


G Swinkels (Jun 25, 2015)

Date: Jun 25, 2015

Gerard Leo SWINKELS

Date: _____

Sumant CHANDAVARKAR

ASSIGNMENT

WHEREAS, Gerard Leo SWINKELS and Sumant CHANDAVARKAR (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in an invention entitled:

FAST INTERLAYER FORWARDING

for which an application for a United States patent is being submitted to the United States Patent and Trademark Office herewith; and

WHEREAS, **Ciena Corporation, 2035 Ridge Road, Hanover, MD 21076** (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;

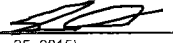
NOW, THEREFORE, in accordance with obligations entered into pursuant to an Employment Agreement or other agreement and/or for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, transfer and assign to said ASSIGNEE, and to ASSIGNEE'S 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 administrative proceeding 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:

Gerard Leo SWINKELS

Date:


Sumant (Jun 25, 2015)

Date: Jun 25, 2015

Sumant CHANDAVARKAR