10/06/2017 504583463

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4630175

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the THE EXECUTION DATE previously recorded on Reel 043430 Frame 0976. Assignor(s) hereby confirms the EXECUTION DATE PREVIOUSLY SUBMITTED AS 8/29/17 IS INCORRECT.
RESUBMIT DOCUMENT ID:	504526198

CONVEYING PARTY DATA

Name	Execution Date
DAVID BOERTJES	08/28/2017
LOREN BERG	08/24/2017

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:	15688957

CORRESPONDENCE DATA

Fax Number: (704)366-9744

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.

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Correspondent Name: CLEMENTS BERNARD WALKER PLLC

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SUITE 350 Address Line 2:

Address Line 4: CHARLOTTE, NORTH CAROLINA 28211

T-t-l Atthurs-t O	
DATE SIGNED: 10/06/2017	
SIGNATURE:	/Christopher L. Bernard/
NAME OF SUBMITTER:	CHRISTOPHER L BERNARD
ATTORNEY DOCKET NUMBER:	10.2073.CON2

Total Attachments: 3

PATENT REEL: 043810 FRAME: 0069 source=10_2073CON2_Corrective_NOR#page1.tif source=10_2073CON2_Corrective_NOR#page2.tif source=10_2073CON2_Corrective_NOR#page3.tif

> PATENT REEL: 043810 FRAME: 0070



United States Patent and Trademark Office





Electronic Patent Assignment System

Document ID: 504526198

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID BOERTJES	08/29/2017
LOREN BERG	08/29/2017

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:	15688957

PATENT REEL: 043810 FRAME: 0071

Document ID: 504526198

CORRESPONDENCE DATA

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ATTORNEY DOCKET

NUMBER:

10.2073.CON2

NAME OF SUBMITTER:

CHRISTOPHER L BERNARD

Signature:

/Christopher L. Bernard/

Date:

08/29/2017

Total Attachments: 1

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RECEIPT INFORMATION

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Receipt Date:

08/29/2017

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PATENT

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ASSIGNMENT

WHEREAS, David BOERTJES and Loren BERG (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in an invention entitled:

CROSS-POLARIZED CONTROL CHANNELS FOR LOADING FIBER OPTIC TRANSPORT SYSTEMS

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, 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. ASSIGNEE shall hold the entire right, title and interest as fully and entirely as the same would have been held and enjoyed by the ASSIGNORS had this Assignment not been made.

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:

Loren BERG	
Loren Berg Loren Berg (Aug 24, 2017)	Date: Aug 24, 2017
David BOERTJES	
David W. Boerijes (Aug 28, 2017)	Date: Aug 28, 2017
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PATENT REEL: 043810 FRAME: 0073