

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
David Weldon Boertjes	02/01/2012
RECEIVING PARTY DATA	
Name:	Ciena Corporation
Street Address:	1201 Winterson Road
City:	Linthicum
State/Country:	MARYLAND
Postal Code:	21090
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13371920
CORRESPONDENCE DATA	
Fax Number:	(704)366-9744
Phone:	704-790-3600
Email:	bbrown@worldpatents.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Clements Bernard PLLC
Address Line 1:	1901 Roxborough Road
Address Line 2:	Suite 250
Address Line 4:	Charlotte, NORTH CAROLINA 28211
ATTORNEY DOCKET NUMBER:	10.2032.CIP
NAME OF SUBMITTER:	Christopher L. Bernard
Total Attachments: 1 source=10_2032_CIP_Assignment#page1.tif	

OP \$40.00 13371920

ASSIGNMENT

WHEREAS, **David Weldon Boertjes** (hereinafter referred to as "ASSIGNOR") has invented certain new and useful improvements in an invention entitled:

COLORLESS, DIRECTIONLESS, AND GRIDLESS OPTICAL NETWORK, NODE, AND METHOD

for which U.S. Patent Application No. 13/371,920 was filed on 2-13-2012.

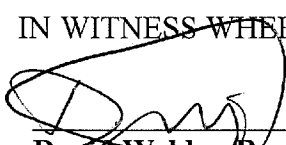
WHEREAS, **CIENA CORPORATION**, 1201 Winterson Road, Linthicum, Maryland 21090 USA (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire right, title, and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon;

WHEREAS, the above-referenced invention is a continuation-in-part of U.S. patent application No. 12/436,470 filed May 6, 2009, and entitled "OPTICAL ROUTING DEVICE AND OPTICAL NETWORK USING SAME," (hereinafter referred to as the parent application), Harald Zottman is the inventor of the parent application, and Harald Zottman previously assigned the parent application to Nortel Networks Limited on May 6, 2009 (recorded at Reel/Frame 022647/0518), Nortel Networks Limited assigned the parent application to Ciena Luxembourg S.A.R.L. on May 17, 2011 (recorded at Reel/Frame 026368/0477), and Ciena Luxembourg S.A.R.L. assigned the parent application to ASSIGNEE on May 27, 2011 (recorded at Reel/Frame 026368/0715);

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, ASSIGNOR hereby sells, transfers and assigns to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNOR'S entire right, title, and interest in and to said invention and improvements invented and originated by ASSIGNOR 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.

ASSIGNOR further covenants 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 ASSIGNOR 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, I have hereunto set hand and signed on the date indicated below:



David Weldon Boertjes

Date: Feb 1, 2012.