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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY DA	ATA			
		Name	Execution D	
VLADIMIR PELEKHATY			06/03/2015	
MICHAEL Y. FRANKEL			06/03/2015	
RECEIVING PARTY DA	ТА			
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PROPERTY NUMBERS	Total: 1			
Property Type		Number		
Application Number:		14733678		
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ATTORNEY DOCKET NUMBER:	18311/006001			
NAME OF SUBMITTER:	KATE OHALE			
SIGNATURE:	/Robert P. Lord/			
DATE SIGNED:	06/01/2016			
Total Attachments: 2				
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source=18311-006001_Assignment#page2.tif				

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

Ciena Corporation

having the following address:

7035 Ridge Road Hanover, Maryland 21076-1426

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

DRIVER AND CAPACITIVE LOAD INTEGRATION

for which the INVENTOR(S) or COMPANY has/have made an application for patent in the United States of America, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

- To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
- To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
- To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

The undersigned INVENTOR(S) each bereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

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PATENT REEL: 038853 FRAME: 0063

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

6/3/2015 Date 6/3/2015 Date

1st Inventor Signature: Vladimir Pelekhaty Print or Type Name: a - 4. A

Michael Y. Frankel

2nd Inventor Signature: Print or Type Name:

When this Assignment is mat filed concurrently with the patent application, the following identifying information may be added after execution:

U.S. Application Serial No.: 14/733,678 Filing Date: 06/08/2015



PATENT REEL: 038853 FRAME: 0064

RECORDED: 06/01/2016