

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

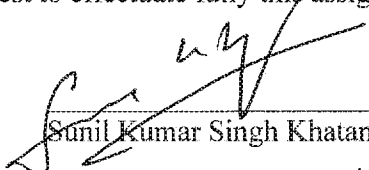
SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Sunil Kumar Singh Khatana	04/11/2011
Edem Ibragimov	04/01/2011
RECEIVING PARTY DATA	
Name:	Opnext Subsystems, Inc.
Street Address:	151 Albright Way
City:	Los Gatos
State/Country:	CALIFORNIA
Postal Code:	95032
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13078816
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(858) 678-5070
Email:	apsi@fr.com
Correspondent Name:	Dan V. Vacar
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	23271-0039001
NAME OF SUBMITTER:	Nancy Grant
Total Attachments: 1 source=23271-0039001Assignment#page 1.tif	

CH \$40.00 13078816

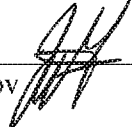
ASSIGNMENT

For valuable consideration, we, Sunil Kumar Singh Khatana, of Sunnyvale, California; and Edem Ibragimov, Santa Clara, California; hereby assign to OPNEXT SUBSYSTEMS, INC., a corporation of Delaware, having a place of business at 151 Albright Way, Los Gatos, California 95032, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled IN-PHASE AND QUADRATURE PATTERN ALIGNMENT FOR QUADRATURE PHASE SHIFT KEYING OPTICAL TRANSMITTERS, filed April 1, 2011, and assigned U.S. Serial Number 13/078,816, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

4/11/2011
Date


Sunil Kumar Singh Khatana

April 1, 2011
Date


Edem Ibragimov

11143218.doc