PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sunil Kumar Singh Khatana	09/14/2011
George Zarris	09/14/2011

RECEIVING PARTY DATA

Name:	Opnext Subsystems, Inc.	
Street Address:	1830 Bering Drive	
City:	San Jose	
State/Country:	CALIFORNIA	
Postal Code:	95112	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13233969

CORRESPONDENCE DATA

Fax Number: (877)769-7945 Phone: (858) 678-5070 Email: apsi@fr.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

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: 23271-0042001

NAME OF SUBMITTER: Nancy Grant

Total Attachments: 1

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PATENT

REEL: 027014 FRAME: 0094

Attorney's Docket No.: 23271-0042001 / OP006

ASSIGNMENT

For valuable consideration, we, SUNIL KUMAR SINGH KHATANA of 423 Southwood Avenue, Sunnyvale, California 94086, and GEORGE ZARRIS of 1545 Los Rios Drive, San Jose, California 95120, hereby assign to: Opnext Subsystems, Inc., a corporation of Delaware having a place of business at: 1830 Bering Drive, San Jose, CA 95112; 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 <u>AUTOMATIC GAIN CONTROL FOR HIGH-</u> SPEED COHERENT OPTICAL RECEIVERS, filed September 15, 2011 , and assigned U.S. Serial Number 13/233,969 , 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.

Date: Sept 14, 204

SUNIL LUMAR SINGH KHATANA

Date: Sep 14, 2011

GEORGE ZARRIS

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RECORDED: 10/04/2011

PATENT REEL: 027014 FRAME: 0095