PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Zuon-Min Chuang	06/02/2015
Rang-Chen Yu	06/01/2015
Domenico Di Mola	05/29/2015
Sung-Ping Huang	05/11/2015

RECEIVING PARTY DATA

Name:	Oplink Communications, Inc.
Street Address:	46335 Landing Parkway
City:	Fremont
State/Country:	CALIFORNIA
Postal Code:	94538

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14417747

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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.

Phone: (650) 839-5070 Email: apsi@fr.com

Correspondent Name: BRIAN J. GUSTAFSON FISH & RICHARDSON P.C. Address Line 1:

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	13854-0149US1
NAME OF SUBMITTER:	CHRISTINE ROGERS
SIGNATURE:	/Christine Rogers/
DATE SIGNED:	06/25/2015

Total Attachments: 4

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PATENT REEL: 035909 FRAME: 0848

Attorney Docket No.: 13854-0149US1

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, <u>ZUON-MIN CHUANG</u>, <u>RANG-CHEN YU</u>, <u>DOMENICO DI MOLA</u>, and <u>SUNG-PING HUANG</u>, each individually assign to <u>OPLINK COMMUNICATIONS</u>, <u>INC.</u>, a corporation formed under the laws of <u>Delaware</u> and having a principal place of business at <u>46335 Landing Parkway</u>, <u>Fremont</u>, <u>CA 94538</u>, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "<u>EXTERNAL CAVITY FABRY-PEROT LASER</u>", and was filed in the United States Patent and Trademark Office on <u>January 27, 2015</u>, as application <u>14/417,747</u> (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

Attorney Docket No.: 13854-0149US1

documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Zuon-Min Chuang	Date: Jane 2, 2015
Witnessed by:	
Signature: Alia Clan	Date: James - 1997
Print Name: Ala Chan	
Rang-Chen Yu	Date:
Witnessed by:	
Signature:	Date:
Print Name:	
Domenico Di Mola Witnessed by: Signature:	Date:
Print Name: Sung-Ping Huang Witnessed by:	Date:
Signature:	Date:
Print Name:	

Assignment Page 2 of 2

documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

·	Date:
Zuon-Min Chuang	
Witnessed by:	
Signature:	Date:
Print Name:	
Rang-Chen Yu	Date: $6 - 1 - 2015$
Witnessed by:	
Signature:	Date: 6-/- 2015
Print Name: James Wang	
Donyewico Di Mola	Date: 05-23.2015
Witnessed by: Signature: Print Name: Trina Comp	Date: 05 /29/2015
Sung-Ping Huang	Date:
Witnessed by:	
Signature:	Date:
Print Name:	

Attorney Docket No.: 13854-0149US1

documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

	Date:
Zuon-Min Chuang	
Witnessed by:	
Signature:	Date:
Print Name:	
	Date:
Rang-Chen Yu	
Witnessed by:	
Signature:	Daie:
Print Name:	
	Date:
Domenico Di Mola	
Witnessed by:	
Signature:	Date:
Print Name:	
Sung-Prag Huang Sung-Ping Huang	Date: 2015/05/11
Witnessed by: Signature: Kue Lin Perm	Date: 2015/05/05
Print Name: <u>Kuei-Lin Peng</u>	

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