503818210 05/09/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHIH-CHIEH CHENG	04/12/2016
TERO TAPIO RANTA	04/13/2016
RICHARD BRYON WHATLEY	03/28/2016
VIKRAM SEKAR	03/14/2016

RECEIVING PARTY DATA

Name:	PEREGRINE SEMICONDUCTOR CORPORATION
Street Address:	9380 CARROLL PARK DRIVE
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15048744

CORRESPONDENCE DATA

Fax Number:

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.

Email: barbara@jlr-iplaw.com

Correspondent Name: JAQUEZ LAND RICHMAN LLP

Address Line 1: 6363 GREENWICH DRIVE, SUITE 140
Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:	PER-139-CIP-1
NAME OF SUBMITTER:	MARTIN J. JAQUEZ
SIGNATURE:	/Martin J. Jaquez, Reg. No. 38,060/
DATE SIGNED:	05/09/2016

Total Attachments: 5

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PATENT REEL: 038521 FRAME: 0686 Attorney Docket No.: PER-139-CIP-1

ASSIGNMENT OF INVENTION & PATENT RIGHTS

Chih-Chieh Cheng, Tero Tapio Ranta, Richard Bryon Whatley and Vikram Sekar			
Peregrine Semiconductor Corporation			
Invention Disclosure Title:			
Tunable and Integrated Impedance Match	hing and Filter Circuit		
ation Serial No. (once filed):	15/048,744		
ation filing date (once filed):	February 19, 2016		
	Peregrine Semiconductor Corporation Tunable and Integrated Impedance Matchesiation Serial No. (once filed):	Peregrine Semiconductor Corporation Tunable and Integrated Impedance Matching and Filter Circuit ation Serial No. (once filed): 15/048,744	

- 1. Assignor represents that the following rights ("Patent Rights") are currently owned by Assignor as either an inventor or a co-inventor: (1) the inventions and other intellectual property rights (collectively, "Inventions") described in the Invention Disclosure and the Patent Application identified above, (2) the Patent Application, and (3) all rights to, and to apply for, foreign and domestic patents, patent applications (including but not limited to divisional, reissue, re-examination, continuation, and continuation-in-part applications), patent-like rights (including but not limited to certificates of invention, utility models, and design registrations), and extensions of such rights encompassing or relating to the Inventions or which claim priority to the Patent Application or to any such patent, patent application, patent-like right, or extension.
- 2. Assignor hereby assigns to Assignee the entire worldwide right, title, and interest of Assignor in and to: (1) the Patent Rights, (2) the right to claim priority based on any of the Patent Rights, (3) improvements to the Inventions made while under an obligation to assign such improvements to the Assignee, and (4) any claims (known or unknown, suspected or unsuspected) of any nature that Assignor had, has, or may have against any party for infringement of the Patent Rights.
- 3. Assignor acknowledges receipt of fair and adequate consideration for such assignment. Assignor represents that Assignor has the full right to convey the interests assigned by this Assignment, and has not executed and will not execute any agreement in conflict with this Assignment.
- 4. Assignor agrees to promptly sign and deliver all lawful papers, make all rightful oaths, communicate to Assignee or its representatives all facts known to Assignor with respect to the Patent Rights, cooperate with Assignee and its representatives, and generally do everything deemed necessary by Assignee (at Assignee's expense but without further compensation) to apply for, prosecute, perfect, assert, enforce, and/or protect the Patent Rights, including but not limited to:
 - (a) enabling Assignee to apply for, prosecute, and perfect any patent or patent-like application within the Patent Rights, including executing separate and/or additional assignments in connection with such applications, in all countries, including without limitation applying for protection of the Patent Rights under any provisions of the International Convention for Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other national or international patent protection agreements or treaties, whether in the name of Assignor or of Assignee;
 - (b) assisting Assignee in any interference or derivation procedure or action which may be brought concerning any patent or patent-like application within the Patent Rights, including obtaining evidence and testifying in any such procedure or action; and
 - (c) assisting Assignee with respect to any action, suit, or other legal proceeding relating to assertion, enforcement, or protection of any of the Patent Rights, including testifying in any such legal proceeding (in any such legal proceeding, Assignor will be represented by the same legal counsel as Assignee, at Assignee's expense).
- 5. Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any foreign country or countries States whose duty it is to issue patents or patent-like rights, to issue to Assignee, as the assignee of the entire right, title, and interest therein, any and all Letters Patent resulting from any patent or patent-like application within the Patent Rights.
- 6. Assignor grants to Assignee the power to insert on this Assignment any further identification (including but not limited to the serial number and filing date of the Patent Application referenced above) which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or any other patent office for recordation of this document.
- 7. This agreement is binding upon and inures to the benefit of the successors and assigns of the parties.

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REEL: 038521 FRAME: 0687

Assignor: Signature: Name: Address:	Chih-Chieh Cheng 14886 Brookstone Drive Poway, CA 92064	Date:	4/12/2016
Witness:	Henry Yuan Ronald Henze	Date:	4/12/2016
Assignor: Signature: Name: Address:	Tero Tapio Ranta 11988 Halfoak Terrace San Diego, CA 92128	Date:	
Witness:	· · · · · · · · · · · · · · · · · · ·	Date:	

Date:

Witness:

Attorney Docket No.: PER-139-CIP-1

AGREED:

AGREED:				
Assignor:				
Signature:		Date:		
Name:	Chih-Chieh Cheng			
Address:	14886 Brookstone Drive Poway, CA 92064			
Witness:		Date:		
Witness:		Date:		
Assignor:				
Signature:	A strain and strain an	Date:	4/13/2016	
Name:	Tero Tapio Ranta			
Address:	11988 Halfoak Terrace San Diego, CA 92128			
Witness:	While Edyl	f — Date:	4/13/2014	
Witness:	Manual Samo	Date:	418116	

Susaune Namdar

Attorney Docket No.: PER-139-CIP-1

Assignor:	Ril O htt.le		
Signature:	Towner Who	Date:	3-28-16
Name:	Richard Bryon Whatley		
Address:	4091 Peninsula Drive Carlsbad, CA 92010		
	DAVID Zimlich		
Witness:	Dogo	Date:	3/28/16
Witness:	HARISH RAGIHA	√M ^A Date:	3/28/16
Assignor:			
Signature:		Date:	
Name:	Vikram Sekar		
Address:	3762 Christine Street San Diego, CA 92117		
Witness:		Date:	
Witness:		Date:	

Assignor:			
Signature:		Date:	
Name:	Richard Bryon Whatley		
Address:	4091 Peninsula Drive Carlsbad, CA 92010		
Witness:		Date:	
Witness:		Date:	
Assignor:			
Signature:	Vikrant	Date:	14th March, 2016
Name:	Vikram Sekar		
Address:	3762 Christine Street San Diego, CA 92117		
Witness:	SEREMY RMSTON-GOD	Date:	3/14/2016
Witness:	ELIVE BELOWNONT	Date:	75/14/2016

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