

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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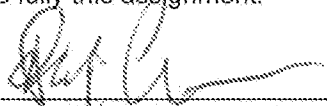
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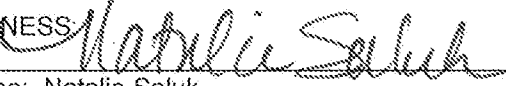
SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ARCTIC SAND TECHNOLOGIES, INC.	08/14/2017
RECEIVING PARTY DATA		
Name:	PEREGRINE SEMICONDUCTOR CORPORATION	
Street Address:	9380 CARROLL PARK DRIVE	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92121	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	17307921
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
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Email:	kimberly.bailey@finnegan.com	
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ATTORNEY DOCKET NUMBER:	15794.0020-04000	
NAME OF SUBMITTER:	KIMBERLY BAILEY	
SIGNATURE:	/KIMBERLY BAILEY/	
DATE SIGNED:	07/28/2022	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 6		
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ASSIGNMENT

For valuable consideration, **Arctic Sand Technologies, Inc.** (hereinafter "the Assignor"), hereby assigns to **Peregrine Semiconductor Corporation**, and its successors and assigns (collectively hereinafter called "the Assignee"), its entire right, title and interest throughout the world in the inventions and improvements which are subject of the patents and/or patent applications listed in Schedule A (collectively herein after "the Patents"); this assignment including the Patents, 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 the Patents under the International Convention for the Protection of Industrial Property, the PCT, the Europe, 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 the Assignor agrees for itself and its 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: August 14, 2017



**Arctic Sand Technologies, Inc. a wholly
owned subsidiary of Peregrine
Semiconductor Corporation**
Signed by: Philip Chapman
Title: VP, LegalWITNESS: 

Name: Natalie SalukAddress: 9380 Carroll Park Drive, San Diego,
California 92121WITNESS: 

Name: Susanne NamdarAddress: 9380 Carroll Park Drive, San Diego,
California 92121

Date: August 14, 2017

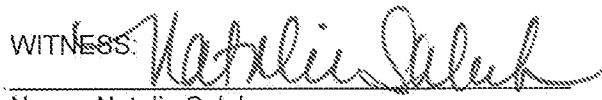


Peregrine Semiconductor Corporation

Signed by: Philp Chapman

Title: VP, Legal

WITNESS:


Name: Natalie Saluk

Address: 9380 Carroll Park Drive, San Diego,
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WITNESS:


Name: Susanne Namdar

Address: 9380 Carroll Park Drive, San Diego,
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Schedule A

<u>Country</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Pub. No.</u>	<u>Pub. Date</u>	<u>Patent No.</u>
USA	61/482,838	5/5/2011			
PCT	PCT/US2012/36455	5/4/2012	2012/151466	08-Nov-2012	
Korea	10-2015-7016195	5/4/2012			
China	201280033387.X	5/4/2012	103650313A	19-Mar-2014	
Korea	10-2013-7032399	5/4/2012			10-1556838
UK	1321282.4	5/4/2012	2505371	26-Feb-2014	
Europe	12780024.1	5/4/2012	2705597	12-Feb-2014	
USA	13/771,904	2/20/2013	2013-0229841-A1	05-Sep-2013	8,860,396
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China	201280051526.1	10/18/2012	103975433A	06-Aug-2014	
Germany	112012004377.4	10/18/2012	112012004377	31-Jul-2014	
UK	1406732.6	10/18/2012	2509652	09-Jul-2014	GB2509652
PCT	PCT/US2012/60798	10/18/2012	2013/059446	25-Apr-2013	
Korea	10-2014-7010446	10/18/2012			
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PCT	PCT/US2012/70555	12/19/2012	2013/096416	27-Jun-2013	
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China	201280063037.8	12/19/2012	104011985A	27-Aug-2014	
UK	1412849.0	12/19/2012	2512259	24-Sep-2014	
Korea	10-2014-7020447	12/19/2012			
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Germany	11 2013 005 960.6	8/6/2013	DE11 2013 005 960 T8	01-Oct-2015	

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Korea	10-2015-7012214	8/6/2013			
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PCT	PCT/US2013/71569	11/25/2013	2014/082025	30-May-2014	
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Germany	11 2013 005 640.2	11/25/2013	11 2013 005 640 T5	27-Aug-2015	
UK	1505496.6	11/25/2013	2521984	08-Jul-2015	
China	201380061384.1	11/25/2013	104871108	26-Aug-2015	
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Germany	11 2014 001 395.1	3/12/2014			
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Taiwan	103109581	3/14/2014	201448434	16-Dec-2014	
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Taiwan	103131753	9/15/2014	201526493	01-Jul-2015	
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China	201580014387.9	3/10/2015	106105001A	09-Nov-2016	
Germany	11 2015 001 245.1	3/10/2015			
UK	1615322.3	3/10/2015	2538664	28-Oct-2016	
Korea	10-2016-7028477	3/10/2015			
Taiwan	104108092	3/13/2015	201603463	16-Jan-2016	
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UK	1615324.9	3/11/2015	2538665	28-Oct-2016	
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PCT	PCT/US2015/019860	3/11/2015	2015/138547	17-Sep-2015	
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Germany	11 2015 001 260.5	3/11/2015			
Taiwan	104108083	3/13/2015	201547171	16-Dec-2015	
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PCT	PCT/US2016/022040	3/11/2016	2016/149105	22-Sep-2016
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PCT	PCT/US2016/41448	7/8/2016	2017/007991	12-Jan-2017
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USA	62/310,235	3/18/2016		
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PCT	PCT/US2016/063533	11/23/2016	2017/091696	01-Jun-2017
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