

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3178971

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DMITRY CHERNIAVSKY	01/05/2015
	CHINH HUY DOAN	01/05/2015
	WEN FAN	01/05/2015
	MARK FORBES	01/05/2015
	BRIAN HENRY JOHN	01/05/2015
	NISHIT KUMAR	01/07/2015
	JAMES RAY PARKER	01/05/2015
RECEIVING PARTY DATA		
Name:	SILICON IMAGE, INC.	
Street Address:	1140 EAST ARQUES AVENUE	
City:	SUNNYVALE	
State/Country:	CALIFORNIA	
Postal Code:	94085	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14589925	
CORRESPONDENCE DATA		
Fax Number:	(650)938-5200	
<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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Address Line 1:	FENWICK & WEST LLP	
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ATTORNEY DOCKET NUMBER:	30850-28130	
NAME OF SUBMITTER:	JASON E. AMSEL, REG. NO.: 60,650	
SIGNATURE:	/Jason E. Amsel/	
DATE SIGNED:	01/12/2015	

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Total Attachments: 5

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Silicon Image, Inc.**, a Delaware corporation, having a place of business at 1140 East Arques Avenue, Sunnyvale, CA 94085 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

- Application No. **14/589,925**, entitled "**Low Power Operations In A Wireless Tunneling Transceiver**," filed on **January 5, 2015**.

2. The entire worldwide right, title, and interest in and to:
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

Title:
Filed:
Application No.:

Low Power Operations In A Wireless Tunneling Transceiver
January 5, 2015
14/589,925

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.


This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

By signing below, INVENTOR further attests to the following:

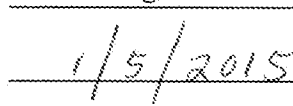
- The APPLICATION was made or authorized to be made by INVENTOR.
- INVENTOR believes that INVENTOR is the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

INVENTOR hereby acknowledges that any willful false statement made in this document is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

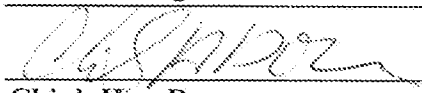
Name and Signature


Dmitry Cherniavsky

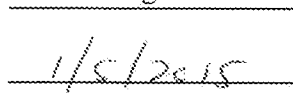
Date of Signature


1/5/2015


Name and Signature


Chinh Huy Doan


Date of Signature


1/5/2015

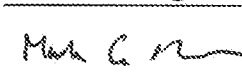
Name and Signature


Wen Fan

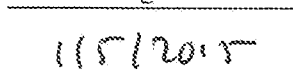
Date of Signature


1/5/2015

Name and Signature


Mark Forbes

Date of Signature


1/5/2015

Title: **Low Power Operations In A Wireless Tunneling Transceiver**
Filed: January 5, 2015
Application No.: 14/589,925

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Mark Forbes

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Low Power Operations In A Wireless Tunneling Transceiver
January 5, 2015
14/589,925

Name and Signature


Brian Henry John

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Nishit Kumar

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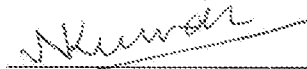
Name and Signature

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Brian Henry John

Name and Signature

Date of Signature



Jan 7, 2015

Nishit Kumar

Name and Signature

Date of Signature

James Ray Parker