# PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
Andrew Brian Thomas Hopkins	07/15/2013
Arnab Banerjee	07/09/2013
Stephen John Barlow	07/12/2013
Klaus Dieter McDonald-Maier	07/15/2013

# **RECEIVING PARTY DATA**

Name:	UltraSoC Technologies Ltd.
Street Address:	St John's Innovation Centre, Cowley Road
City:	Cambridge
State/Country:	UNITED KINGDOM
Postal Code:	CB4 0WS

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13938098

# **CORRESPONDENCE DATA**

**Fax Number**: 6507120263

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 650-712-0340
Email: motts@hmbay.com

Correspondent Name: HAYNES BEFFEL & WOLFELD LLP

Address Line 1: P O BOX 366

Address Line 4: HALF MOON BAY, CALIFORNIA 94019

	PATENT
Signature:	/Warren S. Wolfeld/
NAME OF SUBMITTER:	Warren S. Wolfeld
ATTORNEY DOCKET NUMBER:	USOC 1004-1

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Date:	07/15/2013
Total Attachments: 8	
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WHEREAS, the undersigned,

- Andrew Brian Thomas HOPKINS
   Crossings Field, Woodland Road, Lyminge, Kent, CT18 8ET, United Kingdom
- (2) Arnab BANERJEE 18 Mangers Lane, Dover, Kent, CT16 2QT, United Kingdom
- (3) Stephen John BARLOW Ambarvalia, High Street, Conington, Cambridge, CB23 4LT, United Kingdom
- (4) Klaus Dieter MCDONALD-MAIER 147 Fronks Road, Harwich, Essex, CO12 4EE, United Kingdom

hereinafter termed "Inventors", have invented certain new and useful improvements in

#### **DEBUG ARCHITECTURE**

and

[ ] have filed a provisional application for a United States patent disclosing and identifying the above invention on , as Application No. ,

[X] have filed a non-provisional application for a United States patent disclosing and identifying the above invention on 9 July 2013, as U.S. Application No. ,

[ ] are filing a non-provisional application herewith, and

[X] have executed an oath or declaration of inventorship for such non-provisional application on:

(hereinafter termed "applications"); and

WHEREAS, UltraSoC Technologies Ltd., a corporation of the United Kingdom, having a place of business at having a place of business at St John's Innovation Centre, Cowley Road, Cambridge, CB4 0WS, United Kingdom (hereinafter termed "Assignce"), is desirous of acquiring the entire right, title and interest in and to said applications and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said applications and said invention; (b) in and to all rights to apply for foreign patents (including patent, utility model and

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industrial design) on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise, including the right to claim priority from the applications; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extension of any of said patents.

- 2. Said Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, the Inventors' respective heirs, legal representatives and assigns.
- 4. Said Inventors hereby warrant and represent that said Inventors have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. Said Inventors hereby authorize any of the following attorneys:

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Mark A. Haynes, Ernest J. Beffel, Jr., Warren S. Wolfeld, James F. Hann, Kenta Suzue, Alex Chou and Yiding Wu to (a) insert the date of execution of the oath or declaration of inventorship, and (b) insert the application number and filing date of this application when known.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the date written below.

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ate:\
ate:
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WHEREAS, the undersigned,

- (1) Andrew Brian Thomas HOPKINS Crossings Field, Woodland Road, Lyminge, Kent, CT18 8ET, United Kingdom
- (2) Arnab BANERJEE 18 Mangers Lane, Dover, Kent, CT16 2QT, United Kingdom
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[ ] are filing a non-provisional application herewith, and

[X] have executed an oath or declaration of inventorship for such non-provisional application on:

(1) the	_ day of		, 2013;
(2) the 9th	<u> day of</u>	July	, 2013;
(3) the	_ day of		, 2013;
(4) the	day of		, 2013;

(hereinafter termed "applications"); and

WHEREAS, UltraSoC Technologies Ltd., a corporation of the United Kingdom, having a place of business at having a place of business at St John's Innovation Centre, Cowley Road, Cambridge, CB4 0WS, United Kingdom (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said applications and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

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industrial design) on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise, including the right to claim priority from the applications; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extension of any of said patents.

- 2. Said Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, the Inventors' respective heirs, legal representatives and assigns.
- 4. Said Inventors hereby warrant and represent that said Inventors have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
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IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the date written below.

(I) A L D : THE HODEN	Date:	
(1) Andrew Brian Thomas HOPKINS	9 July 2013 Date:	
(2) Arnab BANERJEE		
(3) Stephen John BARLOW	Date:	
(4) Klaus Dieter MCDONALD-MAIER	Date:	

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WHEREAS, the undersigned,

- Andrew Brian Thomas HOPKINS Crossings Field, Woodland Road, Lyminge, Kent, CT18 8ET, United Kingdom
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- (3) Stephen John BARLOW Ambarvalia, High Street, Conington, Cambridge, CB23 4LT, United Kingdom
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[ ] are filing a non-provisional application herewith, and

[X] have executed an oath or declaration of inventorship for such non-provisional application on:

(1) the	_ day of _		, 2013;
(2) the	_day of _		, 2013;
(3) the 12 th	day of	ゴリレン	, 2013;
(4) the	_ day of _		, 2013;

(hereinafter termed "applications"); and

WHEREAS, UltraSoC Technologies Ltd., a corporation of the United Kingdom, having a place of business at having a place of business at St John's Innovation Centre, Cowley Road, Cambridge, CB4 0WS, United Kingdom (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said applications and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

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industrial design) on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise, including the right to claim priority from the applications; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extension of any of said patents.

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Date:	
Date:	
Date: 12 JULY 2013	
Date:	<del></del>
	Date:

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WHEREAS,	the	undersi	gned.
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- Andrew Brian Thomas HOPKINS
   Crossings Field, Woodland Road, Lyminge, Kent, CT18 8ET, United Kingdom
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(3) Stephen John BARLOW	Date:\
(4) Klaus Dieter MCDONALD-MAIER	Date: 15 7_9 ?313
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