

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Andrew Brian Thomas Hopkins</td> <td>01/21/2013</td> </tr> <tr> <td>Stephen John Barlow</td> <td>01/28/2013</td> </tr> <tr> <td>Constantine Krasic</td> <td>01/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	Andrew Brian Thomas Hopkins	01/21/2013	Stephen John Barlow	01/28/2013	Constantine Krasic	01/28/2013
Name	Execution Date								
Andrew Brian Thomas Hopkins	01/21/2013								
Stephen John Barlow	01/28/2013								
Constantine Krasic	01/28/2013								
RECEIVING PARTY DATA									
Name:	UltraSoc Technologies, Ltd.								
Street Address:	Crowley Road								
City:	Cambridge								
State/Country:	UNITED KINGDOM								
Postal Code:	CB4 0WS								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13690923</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13690923				
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Application Number:	13690923								
CORRESPONDENCE DATA									
Fax Number:	6509385200								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	24043-22330								
NAME OF SUBMITTER:	Brian Hoffman, Reg. No. 39,713								
Total Attachments: 4 source=22330_US_Assignment_(FULLY_EXECUTED)#page1.tif source=22330_US_Assignment_(FULLY_EXECUTED)#page2.tif source=22330_US_Assignment_(FULLY_EXECUTED)#page3.tif source=22330_US_Assignment_(FULLY_EXECUTED)#page4.tif									

CH \$40.00 13690923

## 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 **UltraSoc Technologies Ltd.**, having a place of business at St. John's Innovation Centre, Cowley Road, Cambridge, CB4 0WS, United Kingdom ("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. 13/690,923, entitled "**A Data Processing Apparatus and Related Methods of Debugging Processing Circuitry**," filed on November 30, 2012.

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.

Title: A Data Processing Apparatus and Related Methods of Debugging  
Processing Circuitry  
Filed: November 30, 2012  
Application No.: 13/690,923

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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

A.B.T. Hopkins

**Andrew Brian Thomas  
Hopkins**

Date of Signature 09/11/11/1111

2/1/2013

Name and Signature

Stephen John Barlow

Name and Signature

Constantine Krasic

Date of Signature

Date of Signature

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Name and Signature \_\_\_\_\_

Date of Signature \_\_\_\_\_

\_\_\_\_\_  
**Andrew Brian Thomas  
Hopkins**

Date of Signature \_\_\_\_\_

Name and Signature \_\_\_\_\_



\_\_\_\_\_  
**28 - JAN - 2013**

\_\_\_\_\_  
**Stephen John Barlow**

Name and Signature \_\_\_\_\_

Date of Signature \_\_\_\_\_

\_\_\_\_\_  
**Constantine Krasic**

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Name and Signature

Date of Signature

Andrew Brian Thomas  
Hopkins

\_\_\_\_\_

Name and Signature

Date of Signature

Stephen John Barlow

\_\_\_\_\_

Name and Signature

Date of Signature

CONSTANTINE KRASIC

28.01.13

Constantine Krasic

