

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT3552876

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ESFANDIAR ZAVAREHEI	04/20/2010
DAVID HARGREAVES	04/22/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CAMBRIDGE SILICON RADIO LIMITED
<b>Street Address:</b>	UNIT 400
<b>Internal Address:</b>	CAMBRIDGE SCIENCE PARK, MILTON ROAD
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	CB4OWH
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8589155
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Email:</b>	btwalker@qualcomm.com
<b>Correspondent Name:</b>	QUALCOMM INCORPORATED
<b>Address Line 1:</b>	5775 MOREHOUSE DRIVE
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92121
<b>NAME OF SUBMITTER:</b>	BRETT T. WALKER
<b>SIGNATURE:</b>	/Brett T. Walker/
<b>DATE SIGNED:</b>	10/01/2015
<b>Total Attachments: 2</b>	
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source=Esfandiar and Hargreaves Assignment#page4.tif	

PATENT ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Esfandiar ZAVAREHEI of 20 Iceni Way, Cambridge Cambridgeshire, CB4 2NZ, Great Britain; and David HARGREAVES of 5 Ascham Road, Cambridge Cambridgeshire, CB4 2BD, Great Britain, hereby sell and assign to **CAMBRIDGE SILICON RADIO LIMITED**, ("Assignee"), a corporation of Great Britain, having its principal place of business at Unit 400, Cambridge Science Park, Milton Road, Cambridge Cambridgeshire CB4 0WH, Great Britain, its successors, assigns, nominees, or other legal representatives, the entire right, title, and interest in and to the invention in **ADAPTIVE TUNING OF THE PERCEPTUAL MODEL** invented by us, which has been assigned application number **12/679,729**, and the application for United States patent therefor, the declaration, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subject-matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents and Utility Model Registrations which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any other country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue said Letters Patent or Utility Model Registration to the said Assignee, its successor, assigns, nominees, or other legal representatives, as assignee of the entire interest herein assigned. We covenant that we have not executed and will not execute any agreement in conflict herewith and agree that we will communicate to said Assignee, its successors, assigns, nominees, or other legal representatives, all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when said Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, we will, upon request, sign all lawful papers requisite for the filing of such disclaimer. We further covenant and agree that we will, at any time upon request, do everything legally possible to aid said Assignee, its successors, assigns, nominees, or other legal representatives, either in its or their own names, to apply for, obtain, and enforce proper patent and/or Utility Model protection for said invention in all countries, all without further consideration but at the expense of said Assignee, its successors, assigns, nominees, or other legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of April, 2010.

*Esfandiar Zavarehei*  
Esfandiar ZAVAREHEI (signature)

Witness: *Alex Bot*  
(signature)  
Alexandra Frost  
(printed name)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of April, 2010.

David Hargreaves  
David HARGREAVES (signature)

Witness:

Alan Coombs  
(signature)

ALAN COOMBS  
(printed name)

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