PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY	DATA				
		N	lame	Execution Date	
Vikram Bhaskara Yerrabommanahalli				08/23/2013	
Prashant H. Vashi				09/23/2013	
Abdul-Munem Al-Khudairi				08/13/2013	
RECEIVING PARTY D	ΑΤΑ				
Name:	Apple Inc.				
Street Address:	1 Infinite Loop				
City:	Cupertino				
State/Country:	CALIFORNIA				
Postal Code:	95014				
PROPERTY NUMBER	S Total: 1				
Duranti Tina			Number		13966621
Property Type		40000	Number		
Application Number: 1396		13966	621		¥
CORRESPONDENCE	DATA				\$40.00
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Correspondent Name: WOMBLE CARLYLE SANDRIDGE & RICE LLP Address Line 1: 10050 North Wolfe Road, Suite 260					
Address Line 2: Attn: Michael J. Ferrazano					
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ATTORNEY DOCKET NUMBER:			P14773US1/18560US.1		
NAME OF SUBMITTER:			James T. Aslanis, Jr.		
Signature:			/James T. Aslanis, Jr./		

REEL: 031281 FRAME: 0221

Date:	09/25/2013			
source=P14773US1_18560US1_Assignmer	Total Attachments: 3 source=P14773US1_18560US1_Assignment#page1.tif source=P14773US1_18560US1_Assignment#page2.tif source=P14773US1_18560US1_Assignment#page3.tif			

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

METHODS AND APPARATUS FOR RADIO LINK IMBALANCE COMPENSATION

(Atty. Docket No. P14773US1/18560US.1),



for which I have executed a U.S. patent application on even date herewith. which bears U.S. application No. 13/966.621. which is a U.S. provisional application.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

 \mathbf{i} Sell, assign and transfer to Apple Inc., a California corporation having a place of business at 1 Infinite Loop, Cupertino, CA 95014 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.

2Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.

3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense. perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.

Warrant and represent that I have not entered and will not enter into any assignment, 5} contract, or understanding that conflicts with this assignment.

Authorize and request my attorney/agent to insert above the application No. in order to assist 6)with recordal of this assignment.

Signed on the date indicated beside my signature.

Date: 08/23/2013

Signature:

Typed Name: Vikram Bhaskara Yerrabommanahalli

Any Docket No.: P14773US1/18560US.1

PATENT REEL: 031281 FRAME: 0223

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Signed on the date indicated beside my signature.

Date: 09 23

PATENT REEL: 031281 FRAME: 0224

Signature: Typed Name:

Prashant H. Vashi

Page 1 of 11

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Signed on the date indicated beside my signature.

Signature: Typed Name:

Abdul-Munem Al-Khudairi

Date: <u>Angust 13</u> 2013

Any Docket No.: P14773US1/18560US.1

PATENT REEL: 031281 FRAME: 0225

RECORDED: 09/25/2013