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PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT						
NATURE OF CONVEYANCE:			ASSIGNMENT					
CONVEYING PARTY DATA								
		N	lame	Execution Date				
Samy KHAY-IBBAT				01/17/2013				
RECEIVING PARTY DATA								
Name:	Apple Inc.							
Street Address:								
City:	Cupertino							
State/Country:	CALIFORNIA							
Postal Code:	95014-2084							
PROPERTY NUMBERS Total: 1								
Property Type		Number						
Application Number:		13746494						
CORRESPONDENCE DATA								
CONNECTION DATE.								
Fax Number:								
Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 202-220-4200								
			ra@kenvon com					
Email: yartsisheuskaya@kenyon.com Correspondent Name: KENYON & KENYON LLP								
Address Line 1: 1500 K STREET NW								
Address Line 2: SUITE 700								
Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-1257								

ATTORNEY DOCKET NUMBER:

13316/1677001

NAME OF SUBMITTER: Robert Hails

Total Attachments: 1

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PATENT REEL: 029668 FRAME: 0197

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby sell, assign, and transfer to **Apple Inc.**, a corporation of the state of California, having a principal place of business at 1 Infinite Loop, Cupertino, California, 95014-2084 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and discoveries that are disclosed in the United States Patent Application entitled:

FAST TRANSITION FROM PCH TO DCH FOR UMTS

the specification of which is attached hereto unless the following is entered:

Filed on	as United States Application Number or PCT International Application Number	and was amended on (if applicable)	

and in and to said United States Patent Application and all provisional, divisional, continuing, substitute, renewal, reissue, and other patent applications that have been or shall be filed in the United States or any foreign country on any of said inventions and discoveries; and in and to all original and reissued patents that have been or shall be issued in the United States or any foreign country on said inventions and discoveries; and in and to all rights of priority resulting from the filing of said United States Patent Application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and discoveries in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional, divisional, continuing, substitute, renewal, reissue, and other patent applications on any and all said inventions and discoveries; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and discoveries and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and discoveries and for vesting title to said inventions and discoveries, and all applications for patents and all patents on said inventions and discoveries, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

inventor: Samy Knay-Ibbat	
Inventor Signature	Date
and the second s	1/ A/13
and the second s	

Assignment Document Return Address:

Robert L. Hails KENYON & KENYON LLP 1500 K. St. NW Suite 700 Washington, D.C. 20005 Telephone: (202) 220-4200

Facsimile: (202) 220-4201

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