PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Lukas M. Marti	08/27/2014
Zehua Zhou	08/27/2014
Jeffrey Michael Bartunek	08/27/2014
Weili Shao	08/27/2014
Liviu Teodor Popescu	08/27/2014
Lili Cao	08/27/2014
Ronald K. Huang	08/27/2014

RECEIVING PARTY DATA

Name:	Apple Inc.	
Street Address:	1 Infinite Loop	
City:	Cupertino	
State/Country:	CALIFORNIA	
Postal Code:	95014-2094	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14501961	

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SIGNATURE: /Sarah E. Hoke/

DATE SIGNED: 10/22/2014

503030451 PATENT REEL: 034011 FRAME: 0060

Total Attachments: 3

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PATENT REEL: 034011 FRAME: 0061

Attorney Docket No.: 18962-0854001 / Client Ref:P23177US1

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Lukas M. Marti, Zehua Zhou, Jeffrey Michael Bartunek, Weili Shao, Liviu Teodor Popescu, Lili Cao, Ronald K. Huang, hereby sell, assign, and transfer to Apple Inc. (CALIFORNIA corporation), having offices located at 1 Infinite Loop, Cupertino, California 95014-2094, and its successors, assigns and legal representatives (collectively, "ASSIGNEE") all of the right, title and interest of ASSIGNORS throughout the world in and to any and all inventions and improvements which are the subject of a patent document entitled

Most Relevant Application Recommendation Based on Crowd-Sourced Application Usage Data

(a)		U.S. patent application executed on , entitled as above, listing the above named persons as Inventors.		
(p)	Ø	U.S. patent application filed on September 30, 2014 ☑ under Application No. 14/501,961 ☐ with Express Mail No. (Application Number not yet known).		
(c)		U.S. Patent No.; issued		

and which is found in

An attorney of record, or the attorney filing the application, is authorized and requested by the execution of this assignment to insert into this assignment the execution date of the application and/or the filing date and serial number of the application when officially known.

This assignment includes the foregoing patent application or patent; all legal equivalents thereof in any foreign country and all patents issuing therefrom; all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. ASSIGNORS authorize ASSIGNEE to apply in all countries in the name of ASSIGNORS or in the name of ASSIGNEE for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment.

ASSIGNORS further covenant for themselves and their respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE all pertinent facts and documents relating to said invention and said patents and legal equivalents as may be known and accessible to ASSIGNORS and to testify as to the same in any interference, litigation, or proceeding relating thereto and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said inventions and improvements and said patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORS request the Commissioner of Patents and Trademarks to issue said patents of the United States and any reissue or extension thereof to the ASSIGNEE.

Executed this		Signature of Inventor
day of	Anger 2 20 14	Lukas M. Manti
Executed this		Signature of Inventor
2 <u>7th</u> day of	August 2014	Zehua Zhou
Executed this		Signature of Inventor
27th day of	August 2014	Jeffrey Michael Bartunek
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27th day of	Aug , 2014	Weili Shao
	•	A Actility Curiates
Executed this		Signature of Inventor
27 th day of	AUGUST 2014	Liviu Teodor Popescu

Executed this

21th day of August 2014

Executed this

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274 day of 1954 2014

RECORDED: 10/22/2014

Signature of Inventor

Signature of Inventor

Ronald K. Huang

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