

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Daryl Mun-Kid Low	11/22/2008
Ronald Keryuan Huang	12/03/2008
Puneet Mishra	11/16/2008
Gaurav Jain	11/07/2008
Jason Gosnell	11/05/2008
Jeff Bush	05/27/2009
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:	12233358
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	18962-0195001

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NAME OF SUBMITTER:

Sarah E. Hoke

Total Attachments: 7

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Daryl Mun-Kid Low, Ronald Keryuan Huang, Puneet Mishra, Gaurav Jain, Jason Gosnell, Jeff Bush, 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

Group Formation Using Anonymous Broadcast Information

and which is found in

- (a) U.S. patent application executed on _____, entitled as above, listing the above named persons as Inventors.
- (b) U.S. patent application filed on 9/18/2008
 under Application No.12/233,358.
 with Express Mail No. _____ (Application Number not yet known).
- (c) U.S. Patent No.: _____, issued

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

22 day of Nov, 2008


Daryl Mun-Kid Low

Executed this

Signature of Inventor

_____ day of _____, 20__

Ronald Keryuan Huang

Executed this

Signature of Inventor

_____ day of _____, 20__

Puneet Mishra

Executed this

Signature of Inventor

_____ day of _____, 20__

Gaurav Jain

Executed this

Signature of Inventor

_____ day of _____, 20__

Jason Gosnell

Executed this

Signature of Inventor

_____ day of _____, 20__

Jeff Bush

Scanned 12/5/2008

Executed this

Signature of Inventor

____ day of _____, 20____

Daryl Mun-Kid Low

Executed this

Signature of Inventor

3 day of December, 2008

Ronald Keryuan Huang

Executed this

Signature of Inventor

____ day of _____, 20____

Puneet Mishra

Executed this

Signature of Inventor

____ day of _____, 20____

Gaurav Jain

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Signature of Inventor

____ day of _____, 20____

Jason Gosnell

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Signature of Inventor

____ day of _____, 20____

Jeff Bush

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Signature of Inventor

_____ day of _____, 20__

Daryl Mun-Kid Low

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Signature of Inventor

_____ day of _____, 20__

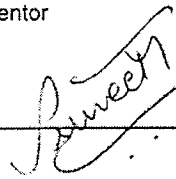
Ronald Keryuan Huang

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Signature of Inventor

16 day of NOVEMBER, 2008

Puneet Mishra



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Signature of Inventor

_____ day of _____, 20__

Gaurav Jain

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Signature of Inventor

_____ day of _____, 20__

Jason Gosnell

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_____ day of _____, 20__

Jeff Bush

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Daryl Mun-Kid Low

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_____ day of _____, 20__

Ronald Keryuan Huang

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Signature of Inventor


_____ day of _____, 20__

Puneet Mishra

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Signature of Inventor

7 day of November, 2008



Gaurav Jain

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Signature of Inventor

_____ day of _____, 20__

Jason Gosnell

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_____ day of _____, 20__

Jeff Bush

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Attorney Docket No.: 18982-0195001/P6338US1

Executed this _____ day of _____, 20____ Signature of Inventor _____
 _____ day of _____, 20____ Daryl Mun-Kid Low

Executed this _____ day of _____, 20____ Signature of Inventor _____
 _____ day of _____, 20____ Ronald Keryuan Huang

Executed this _____ day of _____, 20____ Signature of Inventor _____
 _____ day of _____, 20____ Puneet Mishra

Executed this _____ day of _____, 20____ Signature of Inventor _____
 _____ day of _____, 20____ Gaurav Jain

Executed this 5 day of November, 2008 Signature of Inventor _____
 _____ day of _____, 20____ Jason Gannell

Executed this _____ day of _____, 20____ Signature of Inventor _____
 _____ day of _____, 20____ Jeff Bush

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Attorney Docket No.: 18962-0195001/P6336US1

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Signature of Inventor

_____ day of _____, 20____

Daryl Mun-Kid Low

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Signature of Inventor

_____ day of _____, 20____

Ronald Keryuan Huang

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_____ day of _____, 20____

Puneet Mishra

Executed this

Signature of Inventor

_____ day of _____, 20____

Gaurav Jain

Executed this

Signature of Inventor

_____ day of _____, 20____

Jason Gosnell

Executed this

Signature of Inventor

27 day of May, 2009


Jeff Bush