

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CRUCIBLE INTELLECTUAL PROPERTY, LLC	11/30/2012
RECEIVING PARTY DATA	
Name:	APPLE INC.
Street Address:	1 INFINITE LOOP
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014
PROPERTY NUMBERS Total: 8	
Property Type	Number
Application Number:	13628262
Application Number:	13628267
Application Number:	13628556
Application Number:	13628573
Application Number:	13629936
Application Number:	13629947
Application Number:	13630873
Application Number:	13631128
CORRESPONDENCE DATA	
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CH \$320.00 13628262

ATTORNEY DOCKET NUMBER:	069648-0406552
NAME OF SUBMITTER:	RAJ S. DAVE
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

For: U.S. Rights and Foreign Rights
For: and U.S. Patent
By: Company

ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged, and for other good and valuable consideration

ASSIGNOR:

CRUCIBLE INTELLECTUAL PROPERTY, LLC
30452 Esperanza
Rancho Santa Margarita, California 92688
Nationality: United States of America

hereby sells, assigns and transfers to

ASSIGNEE:

APPLE INC.
1 Infinite Loop
Cupertino, California 95014
Nationality: United States of America

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions, in and to any and all improvements which are disclosed in the following inventions, which are found in (37 C.F.R. § 3.21):

U.S. Application No.: 13/628,262, filed on September 27, 2012;
U.S. Application No.: 13/628,267, filed on September 27, 2012;
U.S. Application No.: 13/628,556, filed on September 27, 2012;
U.S. Application No.: 13/628,573, filed on September 27, 2012;
U.S. Application No.: 13/629,936, filed on September 28, 2012;
U.S. Application No.: 13/629,947, filed on September 28, 2012;
U.S. Application No.: 13/630,873, filed on September 28, 2012; and
U.S. Application No.: 13/631,128, filed on September 28, 2012;

naming the above entity for the above-entitled inventions and, in and to, all Letters Patents to be obtained for said inventions by the above applications or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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

ASSIGNOR further covenants that ASSIGNEE will, upon request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: NOVEMBER 30, 2012



Signature of **Ricardo A. SALAS**
for Crucible Intellectual Property, LLC