

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Wen ZHAO</td> <td>03/07/2012</td> </tr> <tr> <td>Syed A. MUJTABA</td> <td>03/07/2012</td> </tr> <tr> <td>Xiaowen WANG</td> <td>03/07/2012</td> </tr> <tr> <td>Vinay R. MAJJIGI</td> <td>03/07/2012</td> </tr> <tr> <td>Isabel G. MAHE</td> <td>03/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Wen ZHAO	03/07/2012	Syed A. MUJTABA	03/07/2012	Xiaowen WANG	03/07/2012	Vinay R. MAJJIGI	03/07/2012	Isabel G. MAHE	03/07/2012
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RECEIVING PARTY DATA													
Name:	Apple Inc.												
Street Address:	1 Infinite Loop												
City:	Cupertino												
State/Country:	CALIFORNIA												
Postal Code:	95014												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13416286</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13416286								
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Application Number:	13416286												
CORRESPONDENCE DATA													
Fax Number:	(408)341-3098												
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Correspondent Name:	WOMBLE CARLYLE SANDRIDGE & RICE LLP												
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Address Line 4:	Cupertino, CALIFORNIA 95014												
ATTORNEY DOCKET NUMBER:	A66731 10050US.1												
NAME OF SUBMITTER:	James T. Aslanis, Jr.												
Total Attachments: 2 source=P11271US1_ASSIGNMENTexec#page1.tif source=P11271US1_ASSIGNMENTexec#page2.tif													

CH \$40.00 13416286

# ASSIGNMENT OF PATENT APPLICATION

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

## DUAL NETWORK MOBILE DEVICE RADIO RESOURCE MANAGEMENT




(Atty. Docket No. P11271US1/10050US.1), (check one)

- for which I have executed a U.S. patent application on even date herewith. (Accompanying)  
 which bears U.S. application No. 13/416,286. (Not accompanying)  
 which is a U.S. provisional application. (Accompanying)

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

- 1) 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.
- 2) Authorize 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.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1)	Signature: <u></u>	Date: <u>3/7/12</u>
	Typed Name: Wen ZHAO	
2)	Signature: <u></u>	Date: <u>3/7/12</u>
	Typed Name: Syed A. MUJTABA	
3)	Signature: <u></u>	Date: <u>3/7/12</u>
	Typed Name: Xiaowen WANG	

4) Signature: Vinay R. MAJJIGI  
Typed Name: Vinay R. MAJJIGI

5) Signature: [Signature]  
Typed Name: Isabel G. MAHE

Date: 3/7/12

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