# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Lukas M. Marti	06/02/2011
Glenn Donald MacGougan	06/02/2011
Robert Mayor	06/02/2011
Ronald K. Huang	06/02/2011
Jason Dere	06/02/2011
Yefim Grosman	06/02/2011

## RECEIVING PARTY DATA

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

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13153069

### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	18962-0418001
NAME OF SUBMITTER:	Tiffany J. Turner

Total Attachments: 1

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PATENT REEL: 026711 FRAME: 0147

Attorney Docket No.: 18962-0418001/P11155US1

## **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Lukas M. Marti, hereby sell, assign, and transfer to Apple Inc., a 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

Location Estimation Using A Probability Density Function

and wh	ch is foun	id in			
(a)	П	U.S. patent application e	xecuted on, entitled as above, listing the above named persons as Inventors.		
(p)		U.S. patent application fi ⊠ under Application No. □ with Express Mail No.	led on June 3, 2011 13/153,069 (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.					
issuing improve Conven treaties ASSIGN	therefrom ments; ar tion for the of like pur IEE for pa	; all United States and for nd the right to claim priorit e Protection of Industrial F rposes. ASSIGNORS aut	ent application or patent; all legal equivalents thereof in any foreign country and all patents eign patents, utility models, and design registrations granted for any of said inventions and y based on the filing date of the foregoing patent application or patent under the International Property, the Patent Cooperation Treaty, the European Patent Convention, and all other horize ASSIGNEE to apply in all countries in the name of ASSIGNORS or in the name of design registrations and like rights of exclusion and for inventors' certificates for said		
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.					
Execute	d this		Signature of Inventor		
2	day of 、	Impré , 20/1	Lukas M. Marti		
_2_	day of	<u> </u>	Glenp Donald MacGougan		
2	day of	<u></u>	Rőbert Mayor		
2	day of	Jine 2011	Ronald K. Huang		
2	day of	June 20_	Jason Dere		
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PATENT REEL: 026711 FRAME: 0148

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