502187793 01/08/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
Patrick S. Piemonte	12/04/2012		

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:	13632043			

CORRESPONDENCE DATA

Fax Number: 3104429330

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 310-442-9300 mail@adelitollen.com

Correspondent Name: Mani Adeli

Address Line 1: 11859 Wilshire Blvd, Suite 500
Address Line 4: Los Angeles, CALIFORNIA 90025

ATTORNEY DOCKET NUMBER: APLE.P0400

NAME OF SUBMITTER: Mani Adeli

Total Attachments: 1

source=APLE_P400_assignment#page1.tif

OF \$40.00 136320

PATENT REEL: 029590 FRAME: 0693

ASSIGNMENT

WHEREAS, I, Patrick S. Piemonte, residing in San Francisco, CA, have made an invention entitled: Geospatial Representation of Data-Less Map Areas and have made application for United States Letters Patent therefor, the same having been filed in the United States Patent and Trademark Office on 9/30/2012 as United States Application No. 13/632,043; and

WHEREAS, Apple Inc., a corporation organized and existing under the laws of California and having an office and place of business at 1 Infinite Loop, Cupertino, California 95014, United States of America, is desirous of acquiring the entire interest in said invention, said United States Patent Application, and in any Letters Patent which may be entitled to the benefit thereof;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to me paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I do hereby sell, assign, and transfer unto the said Apple Inc., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States Patent Application, including any nonprovisional patent application claiming the benefit thereof and any continuations and divisions thereof. and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said Patent Application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; I hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said Apple Inc. as the assignee of the entire interest therein; and I further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN	TESTIMONY	WHEREOF,	ţ	have	hereunto	signed	my	name	on	the	date(s)	indicated
hardinaffor												

Date: 12/4/17_____

Signature: <u>Oattus</u>, <u>Oueronle</u> Patrick S. Piemonte

> Attorney Docket No.: APLE.P0400 USPTO Serial No.: 13/632,043 Client Docket No.: P15269US1