502562853 11/08/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2608607

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OKAN ARIKAN	12/10/2012
VINCENT DUMONT	12/05/2012
BILLY P. CHEN	09/16/2013
CHRISTOPHER BLUMENBERG	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:	13632001

CORRESPONDENCE DATA

 Fax Number:
 (310)442-9330

 Phone:
 3104429300

Email: mail@adelitollen.com

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

Correspondent Name: MANI ADELI

Address Line 1: 11859 WILSHIRE BOULEVARD, SUITE 500

Address Line 4: LOS ANGELS, CALIFORNIA 90025

ATTORNEY DOCKET NUMBER:	APLE.P0407
NAME OF SUBMITTER:	MANI ADELI
Signature:	/Mani Adeli/
	PATENT

502562853 REEL: 031569 FRAME: 0177

P \$40.00 13632001

Date:	11/08/2013
Total Attachments: 4 source=APLE_P407_assignment#page1.tif source=APLE_P407_assignment#page2.tif source=APLE_P407_assignment#page3.tif source=APLE_P407_assignment#page4.tif	

PATENT REEL: 031569 FRAME: 0178

WHEREAS, we, Okan Arikan, residing in Mountain View, CA, Vincent Dumont, residing in San Francisco, CA, Billy P. Chen, residing in Santa Clara, CA, and Christopher Blumenberg, residing in San Francisco, CA, have made an invention entitled: Smoothing Road Geometry 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. 13/632,001; 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 each of us paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we 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 flied 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; we 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 we 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, we have hereunto signed our names on the date(s) indicated

hereinafter:

Date: 12/(0/20)2 Signature: Okan Arikan

Date: Signature: Vincent Dumont

Date: Billy P. Chen

Date: Christopher Blumenberg

Attorney Docket No.: APLE.P0407 USPTO Serial No.: 13/632,001 Client Docket No.: P15581US2

APLE.P0407 P15581US2

WHEREAS, we, Okan Arikan, residing in Mountain View, CA, Vincent Dumont, residing in San Francisco, CA, Billy P. Chen, residing in Santa Clara, CA, and Christopher Blumenberg, residing in San Francisco, CA, have made an invention entitled: Smoothing Road Geometry 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. 13/632,001; 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 each of us paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we 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; we 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 we further agree to execute upon request of the assignee such additional documents, it 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, we have hereunto signed our names on the date(s) indicated hereinafter:

Date:	Signature:	
		Okan Arikan
Date:/2/05//2	Signature:	Vincent Dumont
Date:	Signature:	Billy P. Chen
Date:	Signature:	Christopher Blumenberg

--] --

Attorney Docket No.: APLE P0407 USPTO Serial No.: 13/632,001 Client Docket No.: P15581US2

APLE, P0407 P15581US2

WHEREAS, we, Okan Arikan, residing in Mountain View, CA, Vincent Dumont, residing in San Francisco, CA, Billy P. Chen, residing in Santa Clara, CA, and Christopher Blumenberg, residing in San Francisco, CA, have made an invention entitled: Smoothing Road Geometry 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. 13/632,001; 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 (\$1.90) to each of us paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we 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 flied 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; we 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 we 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.

hereinafter:

Date: Signature: Okan Arikan

Date: Signature: Vincent Dumont

Date: Signature: Billy P. Chen

IN TESTIMONY WHEREOF, we have hereunto signed our names on the date(s) indicated

Signature: _____ Christopher Blumenberg

> Attorney Docket No.: APLE.P0407 USPTO Serial No.: 13/632,001 Client Docket No.: P15581US2

WHEREAS, we, Okan Arikan, residing in Mountain View, CA, Vincent Dumont, residing in San Francisco, CA, Billy P. Chen, residing in Santa Clara, CA, and Christopher Blumenberg, residing in San Francisco, CA, have made an invention entitled: Smoothing Road Geometry 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. 13/632,001; 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 each of us paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we 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; we 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 we 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, we have hereunto signed our names on the date(s) indicated hereinafter:

Date:		Signature:	
,		Ť	Okan Arikan
Date:		Signature:	
			Vincent Dumont
Date:		Signature:	
			Billy P. Chen
Date:	12/4/2	Signature:	
	*	Ť	Christopher Elizabehberg
			get

Attorney Docket No.: APLE.P0407 USPTO Serial No.: 13/632,001 Client Docket No.: P15581US2

~~ J ~~