PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3906800

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL COHEN	03/27/2015
ALEXIS ALLISON ISKANDER	06/06/2016
BRIAN KIRSCH	05/27/2015
MISCHA MCLACHLAN	03/24/2015
RAMIRO CALVO	12/23/2015

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:	14502975

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 3035922276
Email: sberry@mofo.com
Correspondent Name: DIEK VAN NORT

Address Line 1:MORRISON & FOERSTER LLPAddress Line 2:370 17TH STREET, SUITE 4200Address Line 4:DENVER, COLORADO 80202

ATTORNEY DOCKET NUMBER: 106842123000 (P23942US1)

NAME OF SUBMITTER: DIEK VAN NORT

SIGNATURE: /Diek Van Nort/

DATE SIGNED: 06/07/2016

Total Attachments: 6

PATENT REEL: 038836 FRAME: 0047



PATENT REEL: 038836 FRAME: 0048 Attorney Docket No.: 106842123000 (P23942US1)

ASSIGNMENT

This assignment is by:

- Michael COHEN
 c/o Apple Inc.
 Infinite Loop
 Cupertino, California 95014
- Alexis Allison ISKANDER c/o Apple Inc.
 Infinite Loop Cupertino, California 95014
- Brian KIRSCH
 c/o Apple Inc.
 1 Infinite Loop
 Cupertino, California 95014
 - Mischa MCLACHLAN
 c/o Apple Inc.
 1 Infinite Loop
 Cupertino, California 95014
- 5. Ramiro CALVOc/o Apple Inc.1 Infinite LoopCupertino, California 95014

(referred to in this Assignment as "Assignors"), who reside at or have a mailing address as listed above.

This Assignment is to:

Assignee: Apple Inc.

Address: 1 Infinite Loop, Cupertino, California 95014

A corporation duly organized under and pursuant to the laws of: California

(referred to in this Assignment as "Assignee"), who desire to acquire the entire right, title and interest in said inventions and said application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignors have invented certain new and useful inventions in:

ANCHORING VIEWPORT

for which the following application has been filed in the United States of America.

Serial No.: 14/502,975 Filing Date: September 30, 2014

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, and any

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and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, confinuations, continuations-in-part and substitutions of said application, or reasons, re-examinations or extensions of said letters patent or patents, and all rights under the international Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the ferm or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this said and assignment not been made.

- 2. Assignors represent, warrant and coverant that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencombered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.
- Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.
- 4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.
- 5. "Thereby grant Assigner's attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

In wimess whereby, executed by the undersigned on the date(s) apposite the undersigned name(s).

Date Signature: Alexis Alison ISKANDER Date Signature: Brian KIRSCH Date Signature: Mischa MCLACHLAN Date Signature:	Date: \$ 12824 7 \$ 2013	Signature	
Date: Signature: Alexis Alison ISKANDER Date: Signature: Brian KIRSCH Date: Signature: Mischa MCLACHLAN Date: Signature:			Michael COHEN
Date: Signature: Brian KIRSCH Date: Signature: Mischa MCLACHLAN Date: Signature:	Date	Signature:	
Date: Signature: Mischa MCLACHLAN Date: Signature:			Alexis Allison ISKANDER
Date: Signature: Mischa MCLACHLAN Date: Signature:	Date	Signature:	
Mische MCLACHLAN Date: Signature:			
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Date: Signature:			WHICH NELESCINES N
	128145	Signature:	Ramiro CALVO

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Attorney Docket No.: 106842123000 (P23942US1)

and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date:	Signature:
Date: 06/06/16	Michael COHEN Signature: Alexis Alason ISKANDER
Date:	Signature: Brian KIRSCH
Date:	Signature:Mischa MCLACHLAN
Date:	Signature: Ramiro CALVO

and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and therefor, and in and to any and all provisionals, divisions, continuations, continuations in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assigned (including any right to institute actions and to recover for past, present and future infringement). For its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	Symute
	Michael COHEN
Date:	Signature:
	Alexis Allison ISKANDER
Date: <u>6727115</u>	Signature (2 - 1 - 1
	Brian KIRSCH
Date:	Signatice
	Mischa MCLACHLAN
Date	Signature
	Ransiro CALVO
sf-3471626	

PATENT REEL: 038836 FRAME: 0052 and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date:	Signature: _	
	_	Michael COHEN
Date:	Signature:	
		Alexis Allison ISKANDER
Date:	Signature: _	
		Brian KIRSCH
Date: March 24th 2015	Signature: _	Multelle
	-	Mischa MCLACHLAN
Date:	Signature: _	
	_	Pamiro CALVO

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and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

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Date:	Signature.
	Michael COHEN
Date:	Signature
	Alexis Allison ISKANDER
Date:	Signature:
	Brian KIRSCH
Date:	Signature
	Mischa MCLACHLAN
Date 12/23/2015	Signature: 1000
****** · * · · · / · · **** · · · / · · · ·	Signature: Ramiro CALVO

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