

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FREDDY ANZURES	01/24/2018
SEBASTIAN JOHANNES BAUER	02/28/2018
DAVID C. GRAHAM	01/29/2018
NICHOLAS V. KING	01/26/2018
STEPHEN O. LEMAY	01/29/2018
HOAN K. PHAM	01/24/2018
LAUREN E. TAPPANA	02/28/2018
MARCEL VAN OS	01/24/2018
WAN SI WAN	01/24/2018
GIANCARLO YERKES	01/25/2018
RECEIVING PARTY DATA	
Name:	APPLE INC.
Street Address:	ONE APPLE PARK WAY
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	29621367
CORRESPONDENCE DATA	
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SIGNATURE:	/Tracy Durkin/#32,831
DATE SIGNED:	05/09/2018
Total Attachments: 20 source=3607.1950000 - Executed Assignment#page1.tif source=3607.1950000 - Executed Assignment#page2.tif source=3607.1950000 - Executed Assignment#page3.tif source=3607.1950000 - Executed Assignment#page4.tif source=3607.1950000 - Executed Assignment#page5.tif source=3607.1950000 - Executed Assignment#page6.tif source=3607.1950000 - Executed Assignment#page7.tif source=3607.1950000 - Executed Assignment#page8.tif source=3607.1950000 - Executed Assignment#page9.tif source=3607.1950000 - Executed Assignment#page10.tif source=3607.1950000 - Executed Assignment#page11.tif source=3607.1950000 - Executed Assignment#page12.tif source=3607.1950000 - Executed Assignment#page13.tif source=3607.1950000 - Executed Assignment#page14.tif source=3607.1950000 - Executed Assignment#page15.tif source=3607.1950000 - Executed Assignment#page16.tif source=3607.1950000 - Executed Assignment#page17.tif source=3607.1950000 - Executed Assignment#page18.tif source=3607.1950000 - Executed Assignment#page19.tif source=3607.1950000 - Executed Assignment#page20.tif	

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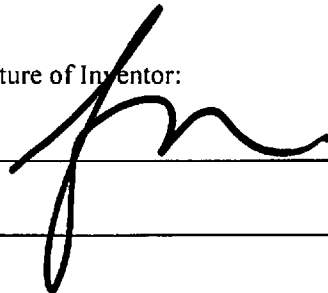
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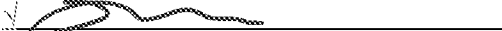








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(b) in any and all application(s) that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all invention(s) described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the undersigned inventors had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

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IN WITNESS WHEREOF, executed by the undersigned inventors on the dates opposite the undersigned names.

	Date:	Signature of Inventor:	Name:
1.	/ /	√ _____	Freddy ANZURES
2.	/ /	√ _____	Sebastian Johannes BAUER
3.	/ /	√ _____	David C. GRAHAM
4.	/ /	√ _____	Nicholas V. KING
5.	/ /	√ _____	Stephen O. LEMAY
6.	/ /	√ _____	Hoan K. PHAM
7.	2/20/18	√ <i>Lauren Tappana</i> _____	Lauren E. TAPPANA
8.	/ /	√ _____	Marcel van OS
9.	/ /	√ _____	Wan Si WAN
10.	/ /	√ _____	Giancarlo YERKES

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8.	1/24/2018		Marcel van OS
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