PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHANAKA G. KARUNAMUNI	01/08/2016
NICHOLAS V. KING	01/04/2016
GREGORY M. APODACA	01/04/2016

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:	15009668

CORRESPONDENCE DATA

Fax Number: (650)843-4001

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: 650-843-4000

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GARY S. WILLIAMS Correspondent Name:

Address Line 1: MORGAN, LEWIS & BOCKIUS LLP

Address Line 2: 3000 EL CAMINO REAL, BLDG. 2, SUITE 700

Address Line 4: PALO ALTO, CALIFORNIA 94306

ATTORNEY DOCKET NUMBER:	063266-7389-US
NAME OF SUBMITTER:	GARY S. WILLIAMS
SIGNATURE:	/Gary S. Williams/
DATE SIGNED:	02/12/2016

Total Attachments: 3

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PATENT REEL: 037728 FRAME: 0601 503691461

ASSIGNMENT

ME	WHEREAS, WE, CHANAKA G. KARUNAMUNI, citizen of Canada, residing in San Jose, CA; NI KING, citizen of the United Kingdom, residing in San Jose, CA; and GREGORY M. APODACA, citited States of America, residing in Saratoga, CA, ASSIGNORS, are the inventors of the invention in LETHODS, AND GRAPHICAL USER INTERFACES FOR ADJUSTING USER INTERFACE oribed in an application for a Patent of the United States	izen of the DEVICES
\boxtimes	which is executed on ⊠ even date herewith	
	which is identified by Morgan, Lewis & Bockius LLP docket no. P28612US2/63266-7389-US	
	which was filed on, Application No	
	which claims priority on U.S. Provisional Patent Application No(s). 62/235,339 and 62/203,387	
\boxtimes	We hereby authorize and request our attorney, Gary S. Williams, of Morgan, Lewis & Bockius LLP, to inse in parenthesis (Application number 15/009, lew 8, filed 1/28/2016) the filing date and ap number of said application when known.	ert here plication
and is d	WHEREAS, APPLE INC. , ASSIGNEE, having a place of business at 1 Infinite Loop, Cupertino, Californ lesirous of obtaining our entire right, title and interest in, to and under the said invention and the said application.	rnia 95014. tion:
ASS ove and and reis Stat app cou the any app cert	NOW, THEREFORE, let it be known that for and in consideration of the sum of One Dollar (\$1.00) to other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we SIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and into under the said invention, and the said United States application and all divisions, renewals and continuation any substitute applications therefore, and all Patents of the United States which may be granted there is successors thereof; the said United States provisional patent application(s), if any, on which the states application claims priority; and all applications for industrial property protection, including, without line priority rights derived from said United States application and said United States provisional patent application; under the Patent Laws of the United States, the International Convention for the Protection of Industrial Formational agreement or the domestic laws of the country in which any such application is filed, officiable; and all forms of industrial property protection, including, without limitation, patents, utility models tificates and designs which may be granted for said invention in any country or countries foreign to the United State states and reissues thereof;	ve, the said sfer and se- terest in, to ons thereof eon and al said United nitation, al country of or the same cation(s), in Property, of as may be s, inventors nited States
fort	AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United Official of any country or countries foreign to the United States, whose duty it is to issue patents or other ms of industrial property protection on applications as aforesaid, to issue the same to the said ASSI coessors, legal representatives and assigns, in accordance with the terms of this instrument.	evidence o
that	AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein as t we have not executed, and will not execute, any agreement in conflict herewith.	signed, and
all l	AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its al representatives and assigns, any facts known to us respecting said invention, and testify in any legal procedawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, an everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain apper protection for said invention in all countries.	teamy sign
sigi	IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our natures.	r respective
	1/2/2016	
Dat	teL.SL.S.	
Dat	te L.S.	
	Nicholas V. King	

Gregory M. Apodaca

DB2/27244153.1

L.S.

ASSIGNMENT

WHEREAS, WE, CHANAKA G. KARUNAMUNI, citizen of Canada, residing in San Jose, CA; NICHOLAS V. KING, citizen of the United Kingdom, residing in San Jose, CA; and GREGORY M. APODACA, citizen of the United States of America, residing in Saratoga, CA, ASSIGNORS, are the inventors of the invention in DEVICES METHODS, AND GRAPHICAL USER INTERFACES FOR ADJUSTING USER INTERFACE OBJECTS described in an application for a Patent of the United States				
which was filed on, Application No				
which claims priority on U.S. Provisional Patent Application No(s). 62/235,339 and 62/203,387				
We hereby authorize and request our attorney, Gary S. Williams, of Morgan, Lewis & Bockius LLP, to insert here in parenthesis (Application number 15/00 is to be filled in the filling date and application number of said application when known.				
and WHEREAS, APPLE INC. , ASSIGNEE, having a place of business at 1 Infinite Loop, Cupertino, California 95014 is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:				
NOW, THEREFORE, let it be 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, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and se over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof and any substitute applications therefore, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; the said United States provisional patent application(s), if any, on which the said United States applications for patents, utility models, and designs which may hereafter be filed for said invention in any country of countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application and said United States provisional patent application(s), if any, under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, of any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors certificates and designs which may be granted for said invention in any country or countries foreign to the United State and all extensions, renewals and reissues thereof;				
AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence of forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, it successors, legal representatives and assigns, in accordance with the terms of this instrument.				
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.				
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, signal lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.				
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.				
DateL.S.				
DateL.S. Chanaka G. Karunamuni				
Date 1/4/2016 N.V. King L.S.				
Nicholas V. King				
- ····				

Gregory M. Apodaca

DB2/27244153.1

ASSIGNMENT

WHEREAS, WE, CHANAKA G. KARUNAMUNI, citizen of Canad V. KING, citizen of the United Kingdom, residing in San Jose, CA; and GF United States of America, residing in Saratoga, CA, ASSIGNORS, are the METHODS, AND GRAPHICAL USER INTERFACES FOR ADJUST described in an application for a Patent of the United States	REGORY M. APODACA, citizen of the inventors of the invention in DEVICES .
 ⋈ which is executed on ⋈ even date herewith ⋈ which is identified by Morgan, Lewis & Bockius LLP docket no. P28612US ⋈ which was filed on	
We hereby authorize and request our attorney, Gary S. Williams, of Morgan in parenthesis (Application number 151007, 468, filed 128 20 number of said application when known.	h, Lewis & Bockius LLP, to insert here the here
and WHEREAS, APPLE INC. , ASSIGNEE, having a place of business at 1 In is desirous of obtaining our entire right, title and interest in, to and under the said	nfinite Loop, Cupertino, California 95014, d invention and the said application:
NOW, THEREFORE, let it be known that for and in consideration of and other good and valuable consideration, the receipt and sufficiency of which ASSIGNORS, have sold, assigned, transferred and set over, and by these preserver, unto the said ASSIGNEE, its successors, legal representatives and assign and under the said invention, and the said United States application and all divention and any substitute applications therefore, and all Patents of the United States reissues and extensions thereof; the said United States provisional patent applications for patents, utility models, and designs which may hereafter be countries foreign to the United States, together with the right to file such application, under the Patent Laws of the United States application and said United any, under the Patent Laws of the United States, the International Convention from any other international agreement or the domestic laws of the country in whice applicable; and all forms of industrial property protection, including, without licertificates and designs which may be granted for said invention in any country and all extensions, renewals and reissues thereof;	ch are hereby acknowledged, we, the said ents do hereby sell, assign, transfer and sens, our entire right, title and interest in, to isions, renewals and continuations thereofies which may be granted thereon and all cation(s), if any, on which the said United rotection, including, without limitation, all filed for said invention in any country of cations and the right to claim for the same States provisional patent application(s), in States provisional patent application(s), in the Protection of Industrial Property, on the Any such application is filed, as may be mitation, patents, utility models, inventors by or countries foreign to the United States
AND WE HEREBY authorize and request the Commissioner of Patents any Official of any country or countries foreign to the United States, whose dut forms of industrial property protection on applications as aforesaid, to issusuccessors, legal representatives and assigns, in accordance with the terms of the	ty it is to issue patents or other evidence of the same to the said ASSIGNEE, its
AND WE HEREBY covenant and agree that we have full right to conthat we have not executed, and will not execute, any agreement in conflict herev	vitn.
AND WE HEREBY further covenant and agree that we will communic legal representatives and assigns, any facts known to us respecting said inventic all lawful papers, execute all divisional, continuing, reissue and foreign applicat do everything possible to aid the said ASSIGNEE, its successors, legal represe proper protection for said invention in all countries.	on and festity in any legal proceeding, sign
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the signatures.	ne day and year set opposite our respective
Date Chanaka G. Karunamuni	L.S.
Chanaka G. Karunamuni	
Date	L.S.
Nicholas V. King	/

DB2/27244153.1

RECORDED: 02/12/2016

PATENT REEL: 037728 FRAME: 0604