PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NICOLE M. WELLS	03/25/2016
ANDREW B. CATO	04/27/2016
MATTHEW H. GAMBLE	03/25/2016
CRAIG M. FEDERIGHI	04/14/2016
WAYNE C. WESTERMAN	04/06/2016

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:	14866987

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

Email: beverly.gemello@morganlewis.com

Correspondent Name: GARY S. WILLIAMS

Address Line 1: MORGAN, LEWIS & BOCKIUS LLP

Address Line 2: 1400 PAGE MILL ROAD

Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	063266-7335-US
NAME OF SUBMITTER:	GARY S. WILLIAMS
SIGNATURE:	/Gary S. Williams/
DATE SIGNED:	05/19/2016
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Total Attachments: 5

PATENT REEL: 038652 FRAME: 0411

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> PATENT REEL: 038652 FRAME: 0412

ASSIGNMENT

ANDREW B. CATO, citizen of the United State citizen of the United States of America, residing States of America, residing in Los Altos Hills,	S, citizen of the United States of America, residing in Santes of America, residing in Sunnyvale, CA; MATTHEW in San Francisco, CA; CRAIG M. FEDERIGHI, citized CA; and WAYNE C. WESTERMAN, citizen of the USSIGNORS, are the inventors of the invention in DIN USER INTERFACES, described in an application for	en of the United United States of EVICES AND
 ☑ which was filed on September 27, 2015, App ☑ which claims priority on U.S. Provisional Pa 	ckius LLP docket no. P27391USC1/63266-7335-US	o insert here in
and WHEREAS, APPLE INC., ASSIGNEE, ha is desirous of obtaining our entire right, title and	aving a place of business at 1 Infinite Loop, Cupertino, C I interest in, to and under the said invention and the said ap	California 95014, optication:
NOW, THEREFORE, let it be known that and other good and valuable consideration, the ASSIGNORS, have sold, assigned, transferred a over, unto the said ASSIGNEE, its successors, and under the said invention, and the said Unite and any substitute applications therefore, and reissues and extensions thereof; the said United States application claims priority; and all applications for patents, utility models, and de countries foreign to the United States, together the priority rights derived from said United States any under the Patent Laws of the United States any other international agreement or the domes applicable; and all forms of industrial property certificates and designs which may be granted and all extensions, renewals and reissues thereof	hat for and in consideration of the sum of One Dollar (\$1 receipt and sufficiency of which are hereby acknowledge and set over, and by these presents do hereby sell, assign, legal representatives and assigns, our entire right, title a sed States application and all divisions, renewals and contical Patents of the United States which may be granted States provisional patent application(s), if any, on which estigns which may hereafter be filed for said invention in with the right to file such applications and the right to elected application and said United States provisional patents, the International Convention for the Protection of Industric laws of the country in which any such application is protection, including, without limitation, patents, utility not for said invention in any country or countries foreign to fig.	1.00) to me paid, ged, we, the said, transfer and set and interest in, to nuations thereof, thereon and all a the said United out limitation, all any country or aim for the same application(s), if strial Property, or filed, as may be nodels, inventors' the United States
Official afficient an accordance on account vice to raign	nest the Commissioner of Patents and Trademarks of the United States, whose duty it is to issue patents or opplications as aforesaid, to issue the same to the said accordance with the terms of this instrument.	omer evidence or
that we have not executed, and will not execute,		
legal representatives and assigns, any facts known all lawful papers, execute all divisional, continu do everything possible to aid the said ASSIGN proper protection for said invention in all country.		ths, and generally btain and enforce
IN TESTIMONY WHEREOF, We her signatures.	reunto set our hands and seals the day and year set oppos	ite our respective
Date 3/25/16	Mile Welle	_L.S.
	Nicole M. Wells	
Data		L.S.

Andrew B. Cato

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ASSIGNMENT

State Ame MET	WHEREAS, WE, NICOLE M. WELLS, citizen of the United States of America, resind B. CATO, citizen of the United States of America, residing in Sunnyvale, CA; M. izen of the United States of America, residing in San Francisco, CA; CRAIG M. FEDERICATES of America, residing in Los Altos Hills, CA; and WAYNE C. WESTERMAN, citizates of America, residing in San Francisco, CA, ASSIGNORS, are the inventors of the inventors of the inventors of the inventor of the invent	IGHI, citizen of the United zen of the United States of this in DEVICES AND
□ \	which is executed on even date herewith	
	which is identified by Morgan, Lewis & Bockius LLP docket no. P27391USC1/63266-733	5-US
	which was filed on September 27, 2015, Application No. 14/866,987	
⊠ v	which claims priority on U.S. Provisional Patent Application No(s), 62/215,696, 62/213,60	6, and 62/172,226
i i	We hereby authorize and request our attorney, Gary S. Williams, of Morgan, Lewis & Boc parenthesis (Application number, filed) the filin number of said application when known.	kius LLP, to insert here in ng date and application
and is de	d WHEREAS, APPLE INC., ASSIGNEE, having a place of business at 1 Infinite Loop, C desirous of obtaining our entire right, title and interest in, to and under the said invention and	Supertino, California 95014 I the said application:
ASS over and reiss State applicant the rany, any applicant	NOW, THEREFORE, let it be known that for and in consideration of the sum of One dother good and valuable consideration, the receipt and sufficiency of which are hereby a SSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby ter, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire red under the said invention, and the said United States application and all divisions, renewal dany substitute applications therefore, and all Patents of the United States which may issues and extensions thereof; the said United States provisional patent application(s), if an ates application claims priority; and all applications for industrial property protection, inclupility in patents, utility models, and designs which may hereafter be filed for said in untries foreign to the United States, together with the right to file such applications and the priority rights derived from said United States application and said United States provisicly, under the Patent Laws of the United States, the International Convention for the Protecticy other international agreement or the domestic laws of the country in which any such applicable; and all forms of industrial property protection, including, without limitation, patent rifficates and designs which may be granted for said invention in any country or countries dall extensions, renewals and reissues thereof;	sell, assign, transfer and ser ight, title and interest in, to s and continuations thereof be granted thereon and all y, on which the said United ding, without limitation, all invention in any country of eright to claim for the same and patent application(s), it on of Industrial Property, of plication is filed, as may be its, utility models, inventors foreign to the United States
form	AND WE HEREBY authorize and request the Commissioner of Patents and Trademany Official of any country or countries foreign to the United States, whose duty it is to issue trms of industrial property protection on applications as aforesaid, to issue the same to ccessors, legal representatives and assigns, in accordance with the terms of this instrument.	o the said ASSIGNEE, its
that	AND WE HEREBY covenant and agree that we have full right to convey the entire is at we have not executed, and will not execute, any agreement in conflict herewith.	
lega all la do e prop	AND WE HEREBY further covenant and agree that we will communicate to the said gal representatives and assigns, any facts known to us respecting said invention, and testify it lawful papers, execute all divisional, continuing, reissue and foreign applications, make all be everything possible to aid the said ASSIGNEE, its successors, legal representatives and as oper protection for said invention in all countries.	rightful oaths, and generally ssigns, to obtain and enforce
sign	IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year gnatures.	r set opposite our respective
Date	ate	L.S.
Daic	Nicolo M. Wells	
	1/D 1_A	
D .	ate 4/27/16 July . (a)	L.S.
Date	Andrew P. Cate	

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Date 3/25/16	Matthew H. Gamble	L.S
Date	Craig M. Federighi	L.S
Date	Wayne C. Westerman	L.S

MORGAN, LEWIS & BOCKIUS LLP DOCKET NO. P27391USC1/63266-7335-US

Date		_L.S.
Date 4/14/2016	Matthew H. Gamble Craig M. Federighi	_L.S.
Date	Wovne C. Westerman	_L.S

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PATENT REEL: 038652 FRAME: 0416

MORGAN, LEWIS & BOCKIUS LLP DOCKET NO. P27391USC1/63266-7335-US

Date		Matthew H. Gamble	L.S.
Date		Craig M. Federighi	L.S.
Date	4/6/16	Wayne C. Westerman	L.S.

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PATENT REEL: 038652 FRAME: 0417