504838856 03/27/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4885593

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
MANI AMINI	01/16/2018
TAYLOR GERARD CARRIGAN	03/22/2018
PATRICK LEE COFFMAN	01/18/2018
CHRISTOPHER FOSS	01/18/2018
CHANAKA KARUNAMUNI	01/18/2018
ALED WILLIAMS	01/12/2018

## **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:	29606392	

# **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.

**Email:** docketing@designlawgroup.com

**Correspondent Name:** GEORGE D. RAYNAL **Address Line 1:** 8601 GEORGIA AVE.

Address Line 2: SUITE 603

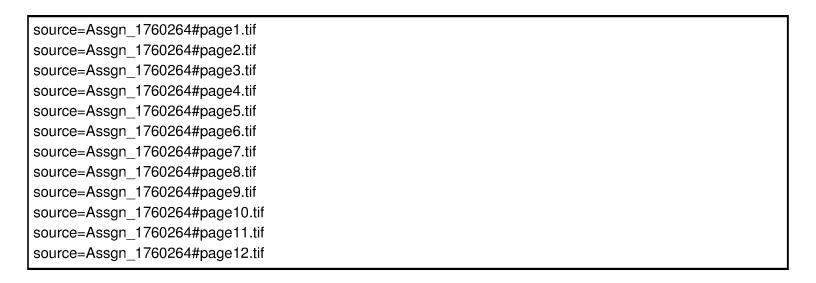
Address Line 4: SILVER SPRING, MARYLAND 20910

	ATTORNEY DOCKET NUMBER:	1760.264 (P35358US1)
	NAME OF SUBMITTER:	CAITLIN MARKEY
DATE CIONED: 00/07/0040	SIGNATURE:	/CAITLIN MARKEY/
DATE SIGNED:   03/21/2018	DATE SIGNED:	03/27/2018

**Total Attachments: 12** 

PATENT REEL: 045362 FRAME: 0441

504838856



PATENT REEL: 045362 FRAME: 0442



For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventor(s): Mani Amini, Taylor Gerard Carrigan, Patrick Lee Coffman, Christopher Foss, Chanaka Karunamuni, and Aled Williams, the undersigned hereby sell(s) and assign(s) to Apple Inc., a corporation formed under the laws of the State of California, whose mailing address is 1 Infinite Loop, Cupertino, California 95014 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

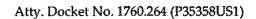
- (a) in the invention(s) known as DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE for which an application(s) for patent in the United States of America has been executed by the undersigned and has a filing date or a 371(c) date of June 5, 2017 (also known as United States Application No. 29/606,392), in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (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 Assignor had this assignment and sale not been made.

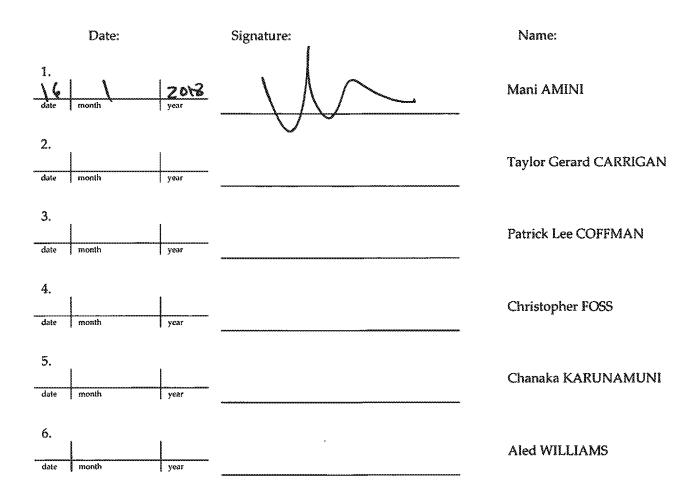
The undersigned inventor(s) agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection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

The undersigned inventor(s) agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventor(s) hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.









For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventor(s): Mani Amini, Taylor Gerard Carrigan, Patrick Lee Coffman, Christopher Foss, Chanaka Karunamuni, and Aled Williams, the undersigned hereby sell(s) and assign(s) to Apple Inc., a corporation formed under the laws of the State of California, whose mailing address is 1 Infinite Loop, Cupertino, California 95014 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

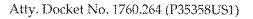
- (a) in the invention(s) known as DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE for which an application(s) for patent in the United States of America has been executed by the undersigned and has a filing date or a 371(c) date of June 5, 2017 (also known as United States Application No. 29/606,392), in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (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 Assignor had this assignment and sale not been made.

The undersigned inventor(s) 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.

The undersigned inventor(s) agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventor(s) hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.





	Date:		Signature:	Name:
1.				Mani AMINI
date	тогір	year		37430474 7 347743 47
2. <b>22</b>	3	Zota		Taylor Gerard CARRIGAN
date	month	year		and the contract continued in
3.				Patrick Lee COFFMAN
date	month	year		
4.				Christopher FOSS
date	month	year.		
5.				Chanaka KARUNAMUNI
date	menti	year		
6.		l		A L. S YAPIT T T S N 4C
date	month	year		Aled WILLIAMS



For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventor(s): Mani Amini, Taylor Gerard Carrigan, Patrick Lee Coffman, Christopher Foss, Chanaka Karunamuni, and Aled Williams, the undersigned hereby sell(s) and assign(s) to Apple Inc., a corporation formed under the laws of the State of California, whose mailing address is 1 Infinite Loop, Cupertino, California 95014 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

- (a) in the invention(s) known as DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE for which an application(s) for patent in the United States of America has been executed by the undersigned and has a filing date or a 371(c) date of June 5, 2017 (also known as United States Application No. 29/606,392), in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (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 Assignor had this assignment and sale not been made.

The undersigned inventor(s) 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.

The undersigned inventor(s) agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventor(s) hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.



	Date:		Signature:	Name:
1.	month	year		Mani AMINI
2.	month	year		Taylor Gerard CARRIGAN
3. 1 <u>8</u>	J.w.	20 (C)	601	Patrick Lee COFFMAN
4.	month	year	<b>k</b>	Christopher FOSS
5.	month	year		Chanaka KARUNAMUNI
6.	month	year		Aled WILLIAMS
PROFE	i monen	i )rea		



For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventor(s): Mani Amini, Taylor Gerard Carrigan, Patrick Lee Coffman, Christopher Foss, Chanaka Karunamuni, and Aled Williams, the undersigned hereby sell(s) and assign(s) to Apple Inc., a corporation formed under the laws of the State of California, whose mailing address is 1 Infinite Loop, Cupertino, California 95014 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

- (a) in the invention(s) known as DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE for which an application(s) for patent in the United States of America has been executed by the undersigned and has a filing date or a 371(c) date of June 5, 2017 (also known as United States Application No. 29/606,392), in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (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 Assignor had this assignment and sale not been made.

The undersigned inventor(s) 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.

The undersigned inventor(s) agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventor(s) hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.



	Date:		Signature:	Name:
1.		•		
date	month	year		Mani AMINI
disce	monu:	, year		
2.				
date	month	уеаг		Taylor Gerard CARRIGAN
<b>5</b>		, ,		
3.	1			
date	month	year		Patrick Lee COFFMAN
out.		1 ,000		
4.	1 2000	معم⇔ سا		
	Jak month	2018 year		Christopher FOSS
5.	ı		_	
date	month	year		Chanaka KARUNAMUNI
	•	• •		
6.	ı			
date	month	year		Aled WILLIAMS



For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventor(s): Mani Amini, Taylor Gerard Carrigan, Patrick Lee Coffman, Christopher Foss, Chanaka Karunamuni, and Aled Williams, the undersigned hereby sell(s) and assign(s) to Apple Inc., a corporation formed under the laws of the State of California, whose mailing address is 1 Infinite Loop, Cupertino, California 95014 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

- (a) in the invention(s) known as DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE for which an application(s) for patent in the United States of America has been executed by the undersigned and has a filing date or a 371(c) date of June 5, 2017 (also known as United States Application No. 29/606,392), in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (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 Assignor had this assignment and sale not been made.

The undersigned inventor(s) 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.

The undersigned inventor(s) agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventor(s) hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.



	Date:		Signature:	Name:
1.	month	year		Mani AMINI
2.	month	year		Taylor Gerard CARRIGAN
3.	month	year		Patrick Lee COFFMAN
4.	month	year		Christopher FOSS
5.	O   month	18 year	a-	Chanaka KARUNAMUNI
6.	month	year		Aled WILLIAMS



For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventor(s): Mani Amini, Taylor Gerard Carrigan, Patrick Lee Coffman, Christopher Foss, Chanaka Karunamuni, and Aled Williams, the undersigned hereby sell(s) and assign(s) to Apple Inc., a corporation formed under the laws of the State of California, whose mailing address is 1 Infinite Loop, Cupertino, California 95014 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

- (a) in the invention(s) known as DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE for which an application(s) for patent in the United States of America has been executed by the undersigned and has a filing date or a 371(c) date of June 5, 2017 (also known as United States Application No. 29/606,392), in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (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 Assignor had this assignment and sale not been made.

The undersigned inventor(s) 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.

The undersigned inventor(s) agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventor(s) hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.



	Date:		Signature:	Name:
1.		•		Mani AMINI
date	month	year		
2.				Taylor Gerard CARRIGAN
date	month	year .		
3.		4		Patrick Lee COFFMAN
date	month	year		
4.				Christopher FOSS
date	month	уеаг		•
5.		NAME OF THE PERSON OF THE PERS		Chanaka KARUNAMUNI
date	month	year		
6. 12 date	O \ month	2018   year	Mahly	Aled WILLIAMS