PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6673300

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEVIN WILL CHEN	04/06/2021
TEOFILA CONNOR	04/09/2021
ALAN C. DYE	04/06/2021
AURELIO GUZMÁN	04/06/2021
VINCENZO VUONO	04/09/2021
CHRISTOPHER I. WILSON	04/07/2021

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:	29750459	

CORRESPONDENCE DATA

Fax Number: (202)371-2540

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: 2023712600

Email: NAngileri@sternekessler.com, cfisseha@sternekessler.com

Correspondent Name: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Address Line 1: 1100 NEW YORK AVENUE, N.W.

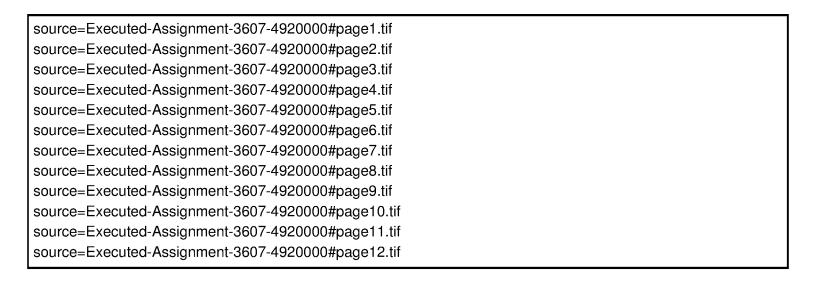
Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	3607.4920000(P50388US1)
NAME OF SUBMITTER:	IVY CLARICE ESTOESTA
SIGNATURE:	/Ivy Clarice Estoesta, #74,612/
DATE SIGNED:	04/23/2021

Total Attachments: 12

PATENT REEL: 056022 FRAME: 0097

506626491





ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventors: **Kevin Will CHEN, Teofila CONNOR, Alan C. DYE, Aurelio GUZMÁN, Vincenzo VUONO, and Christopher I. WILSON**, the undersigned hereby sell and assign to **Apple Inc.**, a corporation formed under the laws of the State of California, whose mailing address is One Apple Park Way, Cupertino, CA 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 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 September 14, 2020 (also known as United States Application No. 29/750,459), 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 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.

The undersigned inventors 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 inventors 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.

The undersigned inventors hereby grant the patent practitioners associated with **CUSTOMER NUMBER 63975** the power to insert in this assignment any further identification that 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.



	Date:	Signature of Inventor:	Name:
1.	06-Apr-2021	y , dun ,	_ Kevin Will CHEN
2.		√	_ Teofila CONNOR
3.		√	_ Alan C. DYE
4.		√	_ Aurelio GUZMÁN
5.		<u>√</u>	_ Vincenzo VUONO
6		N	Christopher I WILSON



ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventors: **Kevin Will CHEN, Teofila CONNOR, Alan C. DYE, Aurelio GUZMÁN, Vincenzo VUONO, and Christopher I. WILSON**, the undersigned hereby sell and assign to **Apple Inc.**, a corporation formed under the laws of the State of California, whose mailing address is One Apple Park Way, Cupertino, CA 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 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 September 14, 2020 (also known as United States Application No. 29/750,459), 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 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.

The undersigned inventors 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 inventors 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.

The undersigned inventors hereby grant the patent practitioners associated with **CUSTOMER NUMBER 63975** the power to insert in this assignment any further identification that 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.



	Date:	Signature of Inventor:	Name:
1.		<u>√</u>	_ Kevin Will CHEN
2.	09-Apr-2021	V / Pu	_ Teofila CONNOR
3.		√	_ Alan C. DYE
4.		√	_ Aurelio GUZMÁN
5.		<u>√</u>	_ Vincenzo VUONO
6		N	Christopher I WII SON



ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventors: **Kevin Will CHEN, Teofila CONNOR, Alan C. DYE, Aurelio GUZMÁN, Vincenzo VUONO, and Christopher I. WILSON**, the undersigned hereby sell and assign to **Apple Inc.**, a corporation formed under the laws of the State of California, whose mailing address is One Apple Park Way, Cupertino, CA 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 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 September 14, 2020 (also known as United States Application No. 29/750,459), 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 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.

The undersigned inventors 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 inventors 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.

The undersigned inventors hereby grant the patent practitioners associated with **CUSTOMER NUMBER 63975** the power to insert in this assignment any further identification that 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.



	Date:	Signature of Inventor:	Name:
1.		<u>√</u>	_ Kevin Will CHEN
2.		<u>√</u>	_ Teofila CONNOR
3.	06-Apr-2021 ———	1 Coll	_ Alan C. DYE
4.		<u>√</u>	_ Aurelio GUZMÁN
5.		<u>√</u>	_ Vincenzo VUONO
6.		$\sqrt{}$	Christopher L WILSON



ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventors: **Kevin Will CHEN, Teofila CONNOR, Alan C. DYE, Aurelio GUZMÁN, Vincenzo VUONO, and Christopher I. WILSON**, the undersigned hereby sell and assign to **Apple Inc.**, a corporation formed under the laws of the State of California, whose mailing address is One Apple Park Way, Cupertino, CA 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 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 September 14, 2020 (also known as United States Application No. 29/750,459), 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 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.

The undersigned inventors 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 inventors 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.

The undersigned inventors hereby grant the patent practitioners associated with **CUSTOMER NUMBER 63975** the power to insert in this assignment any further identification that 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.



	Date:	Signature of Inventor:	Name:
1.		<u>√</u>	Kevin Will CHEN
2.		<u>√</u>	Teofila CONNOR
3.		<u>√</u>	Alan C. DYE
4.	06-Apr-2021	and But	Aurelio GUZMÁN
5.		<u>√</u>	Vincenzo VUONO
6.		$\sqrt{}$	Christopher I. WILSON



ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventors: **Kevin Will CHEN, Teofila CONNOR, Alan C. DYE, Aurelio GUZMÁN, Vincenzo VUONO, and Christopher I. WILSON**, the undersigned hereby sell and assign to **Apple Inc.**, a corporation formed under the laws of the State of California, whose mailing address is One Apple Park Way, Cupertino, CA 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 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 September 14, 2020 (also known as United States Application No. 29/750,459), 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 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.

The undersigned inventors 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 inventors 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.

The undersigned inventors hereby grant the patent practitioners associated with **CUSTOMER NUMBER 63975** the power to insert in this assignment any further identification that 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.



	Date:	Signature of Inventor:	Name:
1.		<u>√</u>	_ Kevin Will CHEN
2.		<u>√</u>	_ Teofila CONNOR
3.		√	_ Alan C. DYE
4.		<u>√</u>	_ Aurelio GUZMÁN
5.	09-Apr-2021	Vocano Vicino	_ Vincenzo VUONO
6.		\checkmark	Christopher I. WILSON



ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned inventors: **Kevin Will CHEN, Teofila CONNOR, Alan C. DYE, Aurelio GUZMÁN, Vincenzo VUONO, and Christopher I. WILSON**, the undersigned hereby sell and assign to **Apple Inc.**, a corporation formed under the laws of the State of California, whose mailing address is One Apple Park Way, Cupertino, CA 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 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 September 14, 2020 (also known as United States Application No. 29/750,459), 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 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.

The undersigned inventors 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 inventors 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.

The undersigned inventors hereby grant the patent practitioners associated with **CUSTOMER NUMBER 63975** the power to insert in this assignment any further identification that 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.



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

	Date:	Signature of Inventor:	Name:
1.		<u>v</u>	Kevin Will CHEN
2.		V	Teofila CONNOR
3.		√	Alan C. DYE
4.		<u>v</u> ′	Aurelio GUZMÁN
5.		<u>√</u>	Vincenzo VUONO
6	07-Apr-2021	J. J. College J.	Christopher I WH SON

RECORDED: 04/23/2021