### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5216273

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
IHTESHAM H. CHOWDHURY	06/20/2018
ERIC N. NYLAND	07/09/2018
SCOTT A. MYERS	10/30/2018
CHRISTOPHER T. MULLENS	10/22/2018
BINGRUI YANG	07/09/2018

#### 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:	16054811

#### **CORRESPONDENCE DATA**

Fax Number: (844)670-6009

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.

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SVDocketing@dickinson-wright.com, csato@dickinson-wright.com Email:

**DICKINSON WRIGHT RLLP Correspondent Name:** ATTN: IP DOCKETING Address Line 1:

Address Line 2: P.O. BOX 569

Address Line 4: **CUPERTINO, CALIFORNIA 95015** 

ATTORNEY DOCKET NUMBER:	P34607US1/27360US.1
NAME OF SUBMITTER:	WILLIAM C. CHENG
SIGNATURE:	/William C. Cheng/
DATE SIGNED:	10/31/2018

**Total Attachments: 5** 

**PATENT REEL: 047377 FRAME: 0365**  source=P34607US1\_Assignments#page1.tif
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PATENT REEL: 047377 FRAME: 0366

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

### MODIFYING FUNCTIONALITY OF AN ELECTRONIC DEVICE DURING A MOISTURE EXPOSURE EVENT

(Atty. Docket No. P34607US1/27360US,1)	
for which I have executed an application on even date herewith.	
which bears application No. 16/054,811	
which is a U.S. provisional application.	
For good and valuable consideration, the receipt and sufficiency acknowledged, I, an undersigned inventor, hereby:	of which is hereby
1) Sell, assign and transfer to Apple Inc., a California corporation be One Apple Park Way, Cupertino, CA 95014 ("ASSIGNEE"), the entire the above-referenced application, any and all improvements and inventionell as concurrent applications, applications having priority claims to/fr applications thereof, foreign or Patent Cooperation Treaty ("PCT") applications in part thereon, and any and all patents resulting from such applipatents and the right to claim priority).	right, title and interest to ons disclosed therein, as om, any derivative lications based in whole or
2) Authorize and request the Commissioner of Patents to issue any resulting from said application or any divisional, continuation, design at renewal, re-examination or reissue thereof to the ASSIGNEE.	
3) Agree to execute all papers and documents and, entirely at the A perform any acts which are reasonably necessary in connection with the application, as well as any derivative applications thereof, foreign applications enforcement of patents resulting from such applications.	prosecution of said
4) Agree that the terms, covenants and conditions of this assignment the ASSIGNEE, its successors, assigns and other legal representatives, a inventor, as well as the inventor's heirs, legal representatives and assign	and shall be binding upon the
5) Warrant and represent that I have not entered and will not enter contract, or understanding that conflicts with this assignment.	into any assignment,
6) Authorize and request my attorney/agent to insert above the app with recordal of this assignment.	lication No. in order to assist
Signed on the date indicated beside my signature.	
Signature: Da	ne: 1/6/18
Ferral Comes W. C. C. St. ALLENDON CONS	

(Atty. Docket No. P34607US1/27360US.1)

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

## MODIFYING FUNCTIONALITY OF AN ELECTRONIC DEVICE DURING A MOISTURE EXPOSURE EVENT

Atty. Docket No. P34607US1/2736 for which I have executed an applic which bears application No. 16/	ation on even date herewith. 054,811
For good and valuable consideration scknowledged, I, an undersigned inventor.	a, the receipt and sufficiency of which is hereby hereby
One Apple Park Way Cupertino, CA 9501 the above-referenced application, any and a well as concurrent applications, application applications thereof, foreign or Patent Cool	e. a California corporation having a place of business at 4 ("ASSIGNEE"), the entire right, title and interest to all improvements and inventions disclosed therein, as a having priority claims to/from, any derivative seration Treaty ("PCT") applications based in whole or into resulting from such applications (including foreign
· · · · · · · · · · · · · · · · · · ·	noner of Patents to issue any and all United States Patents ional, continuation, design application, substitute to the ASSIGNEE.
perform any acts which are reasonably necessity	uments and, entirely at the ASSIGNEE's expense, essary in connection with the prosecution of said cations thereof, foreign applications based thereon, and/or such applications.
	conditions of this assignment shall inure to the benefit of other legal representatives, and shall be binding upon the oal representatives and assigns.
5) Warrant and represent that I have n contract, or understanding that conflicts wi	of entered and will not enter into any assignment, th this assignment
Authorize and request my attorney with recordal of this assignment.	agent to insert above the application No. in order to assist
Signed on the date indicated beside	my signature
Signature: Types Name: Eric N. NYLAND	Date: 50/4. 1/2

PATENT REEL: 047377 FRAME: 0368

## AND AND ALOND PATENT APPLICATION

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2) Anthorize and request the Communitation of Patients of Issue any and all Comed States Patients resulting from each application of each disciplinal, communities, design application, substitute consist re-communities a research between to the ASSIGNE.
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(Atty. Docket No. P34607US1/27360US.1)
for which I have executed an application on even date herewith.
$\boxtimes$ which bears application No. $16/054,811$
which is a U.S. provisional application.
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:
Sell, assign and transfer to Apple Inc., a California corporation having a place of business at One Apple Park Way, Cupertino, CA 95014 ("ASSIGNEE"), the entire right, title and interest to he above-referenced application, any and all improvements and inventions disclosed therein, as well as concurrent applications, applications having priority claims to/from, any derivative applications thereof, foreign or Patent Cooperation Treaty ("PCT") applications based in whole or at least in part thereon, and any and all patents resulting from such applications (including foreign patents and the right to claim priority).
2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any divisional, continuation, design application, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, berform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.
Signed on the date indicated beside my signature.
Signature: Date: 0x.7.22, Zo18
yped Name: (Suristopher T. MULLENS

(Atty. Docket No. P34607US1/27360US.1)

**PATENT REEL: 047377 FRAME: 0370** 

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Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

## MODIFYING FUNCTIONALITY OF AN ELECTRONIC DEVICE DURING A MOISTURE EXPOSURE EVENT

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For good and valuable consideration, the receipt and siknowledged, I, an undersigned inventor, hereby:	afficiency of which	is hereby
Seli, assign and transfer to Apple Inc., a California cor ne Apple Park Way, Cupertino, CA 95014 ("ASSIGNEE"), e above-referenced application, any and all improvements a sell as concurrent applications, applications having priority co- oplications thereof, foreign or Patent Cooperation Treaty ("P least in part thereon, and any and all patents resulting from atents and the right to claim priority).	the entire right, tit nd inventions discle laims to/from, any o CT*) applications b	le and interest to osed therein, as derivative pased in whole or
Authorize and request the Commissioner of Patents to sulting from said application or any divisional, continuation newal, re-examination or reissue thereof to the ASSIGNEE.	, design application	
Agree to execute all papers and documents and, entire reform any acts which are reasonably necessary in connection plication, as well as any derivative applications thereof, for e enforcement of patents resulting from such applications.	n with the prosecut	ion of said
Agree that the terms, covenants and conditions of this e ASSIGNEE, its successors, assigns and other legal representatives ventor, as well as the inventor's heirs, legal representatives	entatives, and shall	
Warrant and represent that I have not entered and will entract, or understanding that conflicts with this assignment.	not enter into any contents	issignment.
Authorize and request my attorney/agent to insert aborith recordal of this assignment.	ve the application N	io, in order to assist
Signed on the date indicated heside my signature.		
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