

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5242494

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KHADIJEH BAYAT	10/17/2018
ISAAC WING-TAK CHAN	10/17/2018
CHENG CHEN	11/05/2018
AVERY P. YUEN	10/17/2018
RASMI R. DAS	11/05/2018
HIENMINH HUU LE	11/05/2018
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:	16145034
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	213-892-5200
Email:	cherrera@mofo.com
Correspondent Name:	MORRISON & FOERSTER LLP
Address Line 1:	707 WILSHIRE BOULEVARD
Address Line 4:	LOS ANGELES, CALIFORNIA 90017
ATTORNEY DOCKET NUMBER:	106842164600 (P36451US1)
NAME OF SUBMITTER:	KENNETH W. NEWTON
SIGNATURE:	/Kenneth W. Newton/
DATE SIGNED:	11/16/2018
Total Attachments: 5	

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ASSIGNMENT

This assignment is by:

1. Khadijeh BAYAT
c/o Apple Inc.
One Apple Park Way
Cupertino, California 95014
2. Isaac Wing-Tak CHAN
c/o Apple Inc.
One Apple Park Way
Cupertino, California 95014
3. Cheng CHEN
c/o Apple Inc.
One Apple Park Way
Cupertino, California 95014
4. Avery P. YUEN
c/o Apple Inc.
One Apple Park Way
Cupertino, California 95014
4. Rasmi R. DAS
c/o Apple Inc.
One Apple Park Way
Cupertino, California 95014
4. Hienminh Huu LE
c/o Apple Inc.
One Apple Park Way
Cupertino, California 95014

(referred to in this Assignment as "Assignors"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Apple Inc.
Address: One Apple Park Way, Cupertino, California 95014
A juristic entity duly organized under and pursuant to the laws of: California

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under said patent application and the inventions covered thereby.

Assignors have invented certain new and useful inventions in:

TOUCH SCREEN WITH TRANSPARENT ELECTRODE STRUCTURE

for which Assignors have filed an application for patent in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 16/145,034

Filing Date: September 27, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, any and all provisionals, non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

2. Assignors represent, warrant and covenant (a) that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignors solely and lawfully owned the entire right, title and interest in and to said inventions and said application for letters patent, and the same were unencumbered and that Assignors sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to said inventions and said applications for letters patent.

3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) any provisional, non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. To be clear, for purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

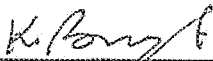
4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patent of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. "I hereby grant attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which 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, including the power to insert on this assignment the application number and filing date of said application when known."

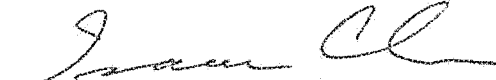
In witness whereby, executed by the undersigned on the date(s) opposite the undersigned

name(s).

Date: 10-17-18

Signature: 
Khadijeh BAYAT


Date: 10-17-18

Signature: 
Isaac Wing-Tak CHAN

Date: _____

Signature: _____
Cheng CHEN

Date: 10-17-18

Signature: 
Avery P. YUEN

Date: _____

Signature: _____
Rasmi R. DAS

Date: _____

Signature: _____
Hieminh Huu LE

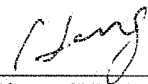
Date: _____

Signature: _____
Khadijeh BAYAT

Date: _____

Signature: _____
Isaac Wing-Tak CHAN

Date: 11/5/2018

Signature: 
Cheng CHEN

Date: _____

Signature: _____
Avery P. YUEN

Date: _____

Signature: _____
Rasmi R. DAS

Date: _____

Signature: _____
Hienminh Huu LE

Date: _____

Signature: _____
Khadijeh BAYAT

Date: _____

Signature: _____
Isaac Wing-Tak CHAN

Date: _____

Signature: _____
Cheng CHEN

Date: _____

Signature: _____
Avery P. YUEN

Date: 11/5/2018

Signature: *Rasmi Ranjan Das*
Rasmi R. DAS

Date: 11/5/2018

Signature: *Hienminh Huu LE*
Hienminh Huu LE