

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4785118

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PAUL S. DRZAIC	11/16/2017
ROSS THOMPSON	12/12/2017
GUY COTE	12/15/2017
CHRISTOPHER P. TANN	12/15/2017
JERROLD V. HAUCK	12/12/2017
YIFAN ZHANG	11/15/2017
JEAN-PIERRE GUILLOU	11/16/2017
IAN C. HENDRY	12/20/2017
VANESSA C. HEPPOLETTE	12/15/2017
TAE-WOOK KOH	11/15/2017
ARTHUR L. SPENCE	11/19/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	APPLE INC.
<b>Street Address:</b>	1 INFINITE LOOP
<b>City:</b>	CUPERTINO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95014
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15874816
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(404)888-7490
<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>	
<b>Phone:</b>	408-720-8300
<b>Email:</b>	connie.thayer@wbd-us.com
<b>Correspondent Name:</b>	JAMES C. SCHELLER
<b>Address Line 1:</b>	P.O. BOX 7037
<b>Address Line 2:</b>	ATTN: IP DOCKETING
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30357-0037

PATENT

<b>ATTORNEY DOCKET NUMBER:</b>	04860.P34550US3
<b>NAME OF SUBMITTER:</b>	JAMES C. SCHELLER, REG. NO. 31,195
<b>SIGNATURE:</b>	/James C. Scheller/
<b>DATE SIGNED:</b>	01/19/2018

**Total Attachments: 10**

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**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 04860.P34550US3

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned, Paul S. Drzaic; Ross Thompson; Guy Cote; Christopher P. Tann; Jerrold V. Hauck; Yifan Zhang; Jean-Pierre Guillou; Ian C. Hendry; Vanessa C. Heppolette; Tae-Wook Koh; and Arthur L. Spence,

hereby sell, assign, and transfer to Apple Inc.,

a corporation of California,

(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 1 Infinite Loop, Cupertino, CA, 95014,

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

**LONG-TERM HISTORY OF DISPLAY INTENSITIES**

said patent application also identified as follows (when known):

[we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 15/874,816 filed January 18, 2018,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining

proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Each Inventor: Please Sign and Date Below:**

11/16, 2017  
Date  
Paul S. Drzaic  
Name: Paul S. Drzaic

\_\_\_\_\_, 20\_\_\_\_\_  
Date  
\_\_\_\_\_  
Name: Ross Thompson

\_\_\_\_\_, 20\_\_\_\_\_  
Date  
\_\_\_\_\_  
Name: Guy Cote

\_\_\_\_\_, 20\_\_\_\_\_  
Date  
\_\_\_\_\_  
Name: Christopher P. Tann

\_\_\_\_\_, 20\_\_\_\_\_  
Date  
\_\_\_\_\_  
Name: Jerrold V. Hauck

11/15, 2017  
Date  
Yifan Zhang  
Name: Yifan Zhang

11/16, 2017  
Date  
J.P. Guillou  
Name: Jean-Pierre Guillou

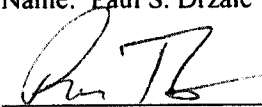
\_\_\_\_\_, 20\_\_\_\_\_  
Date  
\_\_\_\_\_  
Name: Ian C. Hendry

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_____, 20____ Date	_____ Name: Paul S. Drzaic
12-Dec, 2017 Date	 Name: Ross Thompson
_____, 20____ Date	_____ Name: Guy Cote
_____, 20____ Date	_____ Name: Christopher P. Tann
_____, 20____ Date	_____ Name: Jerrold V. Hauck
_____, 20____ Date	_____ Name: Yifan Zhang
_____, 20____ Date	_____ Name: Jean-Pierre Guillou
_____, 20____ Date	_____ Name: Ian C. Hendry

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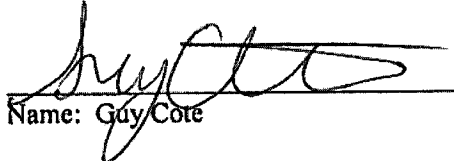
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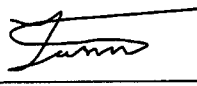
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Date Name: Yifan Zhang

\_\_\_\_\_, 20\_\_\_\_  
Date Name: Jean-Pierre Guillou

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Date Name: Ian C. Hendry

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**Each Inventor: Please Sign and Date Below:**

Dec 15, 2017  
Date

Vanessa C. Heppollette  
Name: Vanessa C. Heppollette

\_\_\_\_\_, 20\_\_\_\_  
Date

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Name: Tae-Wook Koh

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Name: Arthur L. Spence

Assignment Document Return Address:  
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**Each Inventor: Please Sign and Date Below:**

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Name: Vanessa C. Heppolette

4/15, 2017  
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\_\_\_\_\_  
Name: Tae-Wook Koh

\_\_\_\_\_, 20\_\_\_\_  
Date


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Name: Arthur L. Spence

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**Each Inventor: Please Sign and Date Below:**

\_\_\_\_\_, 20\_\_\_\_  
Date Name: Vanessa C. Heppolette

\_\_\_\_\_, 20\_\_\_\_  
Date Name: Tae-Wook Koh

11/19, 2017  
Date   
Name: Arthur L. Spence

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