### 09/11/2017 504541862

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4588569

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
HUNG SHENG LIN	09/05/2017
SUN-IL CHANG	09/05/2017
HYUNWOO NHO	09/05/2017
JIE WON RYU	09/05/2017
JUNHUA TAN	09/05/2017

### RECEIVING PARTY DATA

Name:	APPLE INC.
Street Address:	1 Infinite Loop
City:	Cupertino
State/Country:	CALIFORNIA
Postal Code:	95014

### **PROPERTY NUMBERS Total: 2**

Property Type	Number	
Application Number:	15699460	
Application Number:	62399371	

### **CORRESPONDENCE DATA**

Fax Number: (281)970-4503

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: 281-970-4545

Email: docket@fyiplaw.com

MICHAEL G. FLETCHER **Correspondent Name:** 

P.O. BOX 692289 Address Line 1: Address Line 2: FLETCHER YODER

Address Line 4: **HOUSTON, TEXAS 77269-2289** 

ATTORNEY DOCKET NUMBER:	T NUMBER: P32304 / APPL:0683	
NAME OF SUBMITTER: MICHAEL G. FLETCHER		
SIGNATURE:	/Michael G. Fletcher/	
DATE SIGNED:	09/08/2017	

**PATENT** REEL: 043548 FRAME: 0420 504541862

# Total Attachments: 5 source=P32304US1\_Assignment\_090817#page1.tif source=P32304US1\_Assignment\_090817#page2.tif source=P32304US1\_Assignment\_090817#page3.tif source=P32304US1\_Assignment\_090817#page4.tif

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PATENT REEL: 043548 FRAME: 0421

## <u>ASSIGNMENT</u>

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Apple Inc. (the "Assignee"), a corporation of the State of California, having a place of business at 1 Infinite Loop, Cupertino, CA 95014, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is entitled "DISPLAY ADJUSTMENT," and which may be further identified below, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States, including all provisional and non-provisional applications, and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 73576 may delete, insert, or alter any information identifying this application, or any related application, below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Additional Application Information

	Zitamona rippia	mion inparamental	
	U.S. Provisional Application Serial No. 62/399,371	, filed on <u>September 24, 2016</u>	
	U.S. Non-Provisional Application Serial No.	, filed on	
,	International Application Serial No.	, filed on	
Invente	or 1:		
(Signati	ure): //www.Name: Hung Sheng Hin	Date: 9/	5/2017

Inventor 2:

(Signature):\_

Name: Sun-Il Chang

Date: 09/05/2017

Inventor 3:

(Signature): Name: Hyunwoo Nho

Date: 9/5/17

Inventor 4:

(Signature);\_

Heuen Myn Name: Jie Won Ryu

Date: 09/05/2017

Inventor 5:

(Signature):

Name: Junhua Tan

Date:\_\_\_\_\_

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