503305425 05/13/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3352044

SUBMISSION TYPE:		NEW ASSIGNME	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	' DATA				
		Name		Execution Date	
BYUNG DUK YANG				05/11/2015	
KWANG SOON PARK				04/23/2015	
ENKHAMGALAN DORJGOTOV				04/24/2015	
KYUNG WOOK KIM				04/28/2015	
SHIH CHANG CHANG				04/27/2015	
RECEIVING PARTY	DATA				
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City:	Cupert	Cupertino			
State/Country:	CALIF	ORNIA			
Postal Code:	95014	95014			
PROPERTY NUMBERS Total: 1 Property Type		Number			
Application Number:147		14711217			
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SIGNATURE:		/Tiffany R. Ishihar	/Tiffany R. Ishihara/		
DATE SIGNED:		05/13/2015	05/13/2015		
Total Attachments: 5					
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P23649US2

A S S I G N M E N T

WHEREAS, We, Byung Duk Yang, Kwang Soon Park, Enkhamgalan Dorjgotov, Kyung Wook Kim, and Shih Chang Chang, residing respectively in Cupertino, California, Cupertino, California, San Francisco, California, Cupertino, California, and Cupertino, California, have made an invention entitled:

DISPLAYS WITH OPAQUE BORDERS

and

(1) are about to make an application for United StatesLetters Patent therefor, the same having been executed by uson even date herewith

OR

(2) have made an application for United States Letters
Patent therefor, the same having been filed on
(______) under Application No. (______), in
connection with which we hereby authorize and request the
assignee's attorneys associated with Customer Number 65015
to insert within the foregoing parentheses the filing date
and Application No. of said application when known; and

WHEREAS, APPLE INC., a corporation organized and existing under the laws of the State of California and having an address of 1 Infinite Loop, Cupertino, California 95014, is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said APPLE INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part and divisions thereof, and any substitute applications therefor, and including the right to claim priority under the International Convention based on said patent application, and any patent which may issue thereon, and any reissues of the same; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same;

and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said APPLE INC. as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

05/11/2015

Date

15

Byung Duk Yang

Date

Kwang Soon Park

Date

Enkhamgalan Dorjgotov

Date

Kyung Wook Kim

Date

Shih Chang Chang

Page 3 of 3

P23649US2

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

Date

04/23/2015

0412412015 Date

Date

Byung Duk Yang

Rwang Soon Park

Enkhamgalan Dorjgotov

Date

Kyung Wook Kim

Date

Shih Chang Chang

Page 3 of 3

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

Date

Byung Duk Yang

Date

Kwang Soon Park

Date

4/28/2015

Date

4/27/15

Date

Enkhamgalan Dorjgotov

ngn ook Cemb . Kyung Wook Kim

Shih Chang Chan

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