

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3297257

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUNGBAE KIM	03/31/2015
KYUNG-WOOK KIM	04/03/2015
SHIH CHANG CHANG	04/01/2015
TING-KUO CHANG	04/02/2015
TON-YONG WANG	04/01/2015
RECEIVING PARTY DATA	
Name:	Apple Inc.
Street Address:	1 Infinite Loop
City:	Cupertino
State/Country:	CALIFORNIA
Postal Code:	95014
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14678819
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NAME OF SUBMITTER:	TIFFANY R. ISHIHARA
SIGNATURE:	/Tiffany R. Ishihara/
DATE SIGNED:	04/03/2015
Total Attachments: 3	
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A S S I G N M E N T

WHEREAS, We, Jungbae Kim, Kyung-Wook Kim, Shih Chang Chang, Ting-Kuo Chang, and Ton-Yong Wang, residing respectively in San Jose, California, Cupertino, California, Cupertino, California, Cupertino, California, and Fremont, California, have made an invention entitled:

DISPLAY WITH SEMICONDUCTING OXIDE AND POLYSILICON
TRANSISTORS

and

(1) are about to make an application for United States Letters Patent therefor, the same having been executed by us on 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.

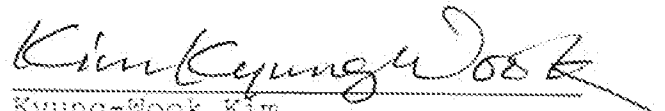
IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

03/31/2015
Date

Jungbae Kim
Jungbae Kim

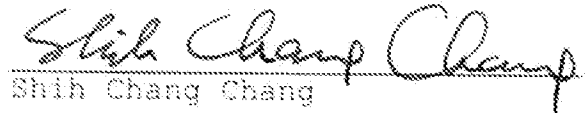
4/3/2015

Date


Kyung-Wook Kim

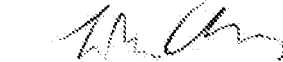
4/1/15

Date


Shih Chang Chang

4/2/2015

Date


Ting-Kuo Chang

4/1/2015

Date


Ton-Yong Wang