506835843 08/25/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAMING XU	08/18/2021
WEI LV	08/19/2021
PEE KHIAM SO	08/17/2021
WENYONG ZHU	08/17/2021
RONG LIU	08/18/2021
VICTOR H. YIN	08/17/2021
MOOKYUNG SON	08/17/2021
JUN QI	08/20/2021
YUFENG YAN	08/17/2021
SHAOFENG LIU	08/20/2021
THOMAS O. HENRY	08/17/2021
SURAJ P. GORKHALI	08/17/2021

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:	17409458

CORRESPONDENCE DATA

Fax Number:

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.

Email: esemo@treyzlawgroup.com

Correspondent Name: G. VICTOR TREYZ

Address Line 1: 6501 E. GREENWAY PKWY #103-621
Address Line 4: SCOTTSDALE, ARIZONA 85254

PATENT 506835843 REEL: 057283 FRAME: 0849

ATTORNEY DOCKET NUMBER:	P54013US1
NAME OF SUBMITTER:	EMMA SEMO
SIGNATURE:	/Emma Semo/
DATE SIGNED:	08/25/2021
Total Attachments: 14	
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PATENT REEL: 057283 FRAME: 0850

ASSIGNMENT

WHEREAS, We, Daming Xu, Wei Lv, Pee Khiam So, Wenyong Zhu, Rong Liu, Victor H. Yin, Mookyung Son, Jun Qi, Yufeng Yan, Shaofeng Liu, Thomas O. Henry, and Suraj P. Gorkhali, residing respectively in Santa Clara, California, San Jose, California, San Jose, California, Saratoga, California, Sunnyvale, California, Cupertino, California, Cupertino, California, San Jose, California, Santa Clara, California, San Jose, California, San Francisco, California, and San Jose, California, have made an invention entitled:

DISPLAYS WITH DIRECT-LIT BACKLIGHT UNITS

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

Page 1 of 14

having an address of One Apple Park Way, 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

Page 2 of 14

P54013US1

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.

18-Aug-2021	Day oc	/
Date	Daming Xu	

19-Aug-2021	, 27	/
Date	Wei Lv	

17-Aug-2021	, le	/
Date	Pee Khiam So	

	ulle	
17-Aug-2021	/	/
Date	Wenyong Zhu	

10 Aug 2021	ROBS	
18-Aug-2021	/	/
Date	Rong Liu	

17-Aug-2021	1 26	/
Date	Victor H. Yin	

17-Aug-2021	emme /	/
Date	Mookyung Son	

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20-Aug-2021	, 4	/
Date	Jun Qi	

17-Aug-2021	1	/
Date	Yufeng Yan	

20-Aug-2021	/	/
Date	Shaofeng Liu	

17-Aug-2021	/ 2AL	/
Date	Thomas O. Henry	

P54013US1

17-Aug-2021	/ 524	/
Date	Suraj P. Gorkhali	