PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHINYA ONO	06/07/2021
CHIN-WEI LIN	06/07/2021
CHUAN-JUNG LIN	06/08/2021
GIHOON CHOO	06/26/2021
HASSAN EDREES	06/28/2021
HEI KAM	06/07/2021
JUNG YEN HUANG	06/10/2021
PEI-EN CHANG	06/07/2021
RUNGROT KITSOMBOONLOHA	06/07/2021
SZU-HSIEN LEE	06/07/2021
ZINO LEE	06/07/2021

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:	17368472

CORRESPONDENCE DATA

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PATENT REEL: 056766 FRAME: 0053

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NAME OF SUBMITTER:	MEGAN SZURA
SIGNATURE:	/Megan Szura/
DATE SIGNED:	07/06/2021
Total Attachments: 13	
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PATENT REEL: 056766 FRAME: 0054

ASSIGNMENT

WHEREAS, We, Shinya Ono, Chin-Wei Lin, Chuan-Jung Lin, Gihoon Choo, Hassan Edrees, Hei Kam, Jung Yen Huang, Pei-En Chang, Rungrot Kitsomboonloha, Szu-Hsien Lee, and Zino Lee, residing respectively in Santa Clara, California, San Jose, California, Yunlin, Taiwan, San Jose, California, Cupertino, California, Santa Clara, California, Taoyuan, Taiwan, San Jose, California, San Jose, California, Los Gatos, California, and Santa Clara, California, have made an invention entitled:

DISPLAYS WITH REDUCED DATA LINE CROSSTALK

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 Le	tters
Patent therefor, the same having been filed on	
() under Application No. (_), in
connection with which we hereby authorize and req	uest the
assignee's attorneys associated with Customer Num	ber 65015
to insert within the foregoing parentheses the fi	ling date
and Application No. of said application when know	m; and

WHEREAS, APPLE INC., a corporation organized and existing under the laws of the State of California and having an address of One Apple Park Way, Cupertino,

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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

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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.

07-Jun-2021	5	,
	<u>/</u>	/
Date	Shinya Ono	

07-Jun-2021	, Chim Wei Lin	/
Date	Chin-Wei Lin	

08-Jun-2021	Chumjung Com	/
Date	Chuan-Jung Lin	

26-Jun-2021		/
Date	Gihoon Choo	

28-Jun-2021	/ 4-	/
Date	Hassan Edrees	

07-Jun-2021	, Gove	/
Date	Hei Kam	

10-Jun-2021	Jung You Huang	/
Date	Jung Yen Huang	

07-Jun-2021	Rian Chang	/
Date	Pei-En Chang	

07-Jun-2021	/ Managarit	/
Date	Rungrot Kitsomboonloha	

07-Jun-2021	In Vise	/
Date	Szu-Hsien Lee	

07-Jun-2021	Jan 1	/
Date	Zino Lee	