PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6890513

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AARON L. HOLSTEEN	08/24/2021
XIAOKAI LI	08/25/2021
YUAN CHEN	08/23/2021
ZHIBING GE	08/23/2021

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:	17459731

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	EMMA SEMO
SIGNATURE:	/Emma Semo/
DATE SIGNED:	08/30/2021

Total Attachments: 6

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PATENT REEL: 057327 FRAME: 0517

ASSIGNMENT

WHEREAS, We, Aaron L. Holsteen, Xiaokai Li, Yuan Chen, and Zhibing Ge, residing respectively in Aurora, Colorado, Mountain View, California, Campbell, California, and Los Altos, California, have made an invention entitled:

OPTICAL SYSTEMS HAVING OVERDRIVEN FLCOS DISPLAY PANELS 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 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 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.

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	ann Hote
24-Aug-2021	/
Date	Aaron L. Holsteen

	WL	
25-Aug-2021	/	/
Date	Xiaokai Li	_

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23-Aug-2021	/	/
Date	Yuan Chen	

23-Aug-2021	zhibing Ge
Date	Zhibing Ge