

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MALCOLM J. NORTHCOTT	07/18/2017
MATTHEW E. LAST	10/26/2017
IRENE PERALI	07/18/2017
BRADFORD J. ZERCOE	07/19/2017
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:	15703749
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Email:	esemo@treyzlawgroup.com
Correspondent Name:	G. VICTOR TREYZ
Address Line 1:	15279 N. SCOTTSDALE RD.
Address Line 2:	SUITE 250
Address Line 4:	SCOTTSDALE, ARIZONA 85254
ATTORNEY DOCKET NUMBER:	P31857US1
NAME OF SUBMITTER:	EMMA SEMO
SIGNATURE:	/Emma Semo/
DATE SIGNED:	09/25/2019
Total Attachments: 4	
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A S S I G N M E N T

WHEREAS, We, Malcolm J. Northcott, Matthew E. Last, Irene Perali, and Bradford J. Zercoe, residing respectively in Santa Cruz, California, Santa Clara, California, San Francisco, California, and Danville, California, have made an invention entitled:

SYSTEMS WITH MATTE INFRARED-TRANSPARENT LAYERS

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

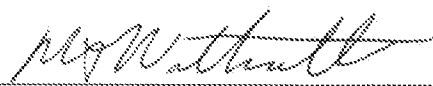
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other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said APPLE INC., its successors, assigns and legal representatives, all right, title and interest in 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.

18-July-2017
Date


Malcolm J. Northcott

P31857US1

26 Oct 2017
Date



Matthew E. Last

Date

Irene Perali

Date

Bradford J. Zercoe

P31857US1

Date

19-JULY-2017

Date

19-JULY-2017

Date

Matthew E. Last

Irene Perali

Irene Perali

Bradford J. Zercoe

Bradford J. Zercoe