

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5692600

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MOSHE KRIMAN	08/05/2019
	ADAR MAGEN	08/19/2019
	ZHENBIN GE	08/12/2019
	GREGORY A. COHOON	08/26/2019
	EAMON H. O'CONNOR	08/19/2019
	CALVIN K. WONG	08/14/2019
	COLLEEN F MISCHKE	08/15/2019
	CHRISTOPHER HU	08/05/2019
	YAZAN Z. ALNAHHAS	08/16/2019
	ARUN KUMAR NALLANI CHAKRAVARTULA	08/26/2019
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:	16554651	
CORRESPONDENCE DATA		
Fax Number:	(003)562-2297	
<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>		
Phone:	97235622291	
Email:	info@dkpat.co.il	
Correspondent Name:	KLIGLER AND ASSOCIATES PATENT ATTORNEYS LTD.	
Address Line 1:	P. O. BOX 57651	
Address Line 4:	TEL AVIV, ISRAEL 61576	
ATTORNEY DOCKET NUMBER:	P39581US1/1020-1250.3	

NAME OF SUBMITTER:	SVETLANA RUDNIK
SIGNATURE:	/Svetlana Rudnik/
DATE SIGNED:	08/29/2019
Total Attachments: 11 source=1020-1250-3-ExAssignment#page1.tif source=1020-1250-3-ExAssignment#page2.tif source=1020-1250-3-ExAssignment#page3.tif source=1020-1250-3-ExAssignment#page4.tif source=1020-1250-3-ExAssignment#page5.tif source=1020-1250-3-ExAssignment#page6.tif source=1020-1250-3-ExAssignment#page7.tif source=1020-1250-3-ExAssignment#page8.tif source=1020-1250-3-ExAssignment#page9.tif source=1020-1250-3-ExAssignment#page10.tif source=1020-1250-3-ExAssignment#page11.tif	

ASSIGNMENT

THIS PATENT ASSIGNMENT is made from the inventors named below (hereinafter, Assignors) to APPLE INC., a California corporation, having a place of business at One Apple Park Way, Cupertino, CA95014, USA (hereinafter, Assignee).

WHEREAS the Assignors have made an invention that is described in the attached patent application entitled LIGHT PROJECTOR WITH INTEGRATED INTEGRITY SENSOR (hereinafter, the Invention),

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to the Assignors, the receipt and sufficiency of which are hereby acknowledged, the Assignors agree to assign, and hereby do assign, to the Assignee the entire right, title and interest in and to the Invention, including, without limitation, the above-mentioned patent application and all other provisional and non-provisional applications deriving from the above-mentioned patent application, and including any original and/or reissued Letters Patent of the United States granted for the Invention and any divisions, reissues, continuations, continuations-in-part and extensions of any such patent application(s), and including any patents or other forms of protection of industrial property that may be granted in relation to the Invention in any other country, and including the rights to file and prosecute all applications for patents and other forms of protection of industrial property in the United States and other countries and to claim priority from the above-mentioned patent application in the United States and in any other country, and including the subject matter of any and all claims which may be obtained in such patents and the right to enforce such patents.

The Assignors hereby authorize and request the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from the above-mentioned patent application and any divisions, reissues, continuations, continuations-in-part thereof to the Assignee, as Assignee of the entire interest, and likewise authorize officials of other countries to issue patents and other forms of industrial property protection to the Assignee.

The Assignors hereby covenant that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute any agreement in conflict herewith.

Each of the Assignors agrees to execute all papers in connection with the above-mentioned patent application and any applications filed as divisions, reissues, continuations, or continuations-in-part thereof or otherwise deriving from the above-mentioned patent application, including separate assignments in connection with such applications, that the Assignee may deem desirable for the purposes of obtaining, protecting and enforcing its rights in the Invention.

Each of the Assignors agrees to communicate to the Assignee or representatives thereof any facts known to him or her respecting the Invention and improvements thereof, and will, upon request, but without expense to him or her, testify in any legal proceedings

regarding the invention and provide any other assistance deemed necessary by the Assignee to obtain, protect and enforce its rights in the invention.

This Assignment shall be binding upon the heirs, executors, administrators, and assigns of each of the Assignors, and shall inure to the benefit of the heirs, executors, administrators, successors and assigns of the Assignee.

IN WITNESS WHEREOF, the Assignors have executed this Assignment on the date or dates indicated below:

First inventor: Moshe Krivan, citizen of Israel

Inventor signature: Moshe Krivan Date: Aug. 5, 2019

Residence: Tel Aviv, Israel

Second inventor: Adar Magen, citizen of Israel

Inventor signature: _____ Date: _____

Residence: Sunnyvale, California, USA

Third inventor: Arun Kumar Nallani Chakravartula, citizen of USA

Inventor signature: _____ Date: _____

Residence: San Jose, California, US

Fourth inventor: Zhenbin Ge, citizen of USA

Inventor signature: _____ Date: _____

Residence: San Jose, California, US

Fifth inventor: Gregory A. Cohoon, citizen of USA

Inventor signature: _____ Date: _____

Residence: Sunnyvale, California, US

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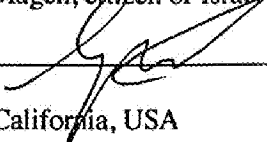
IN WITNESS WHEREOF, the Assignors have executed this Assignment on the date or dates indicated below:

First inventor: Moshe Kriman, citizen of Israel

Inventor signature: _____ Date: _____

Residence: Tel Aviv, Israel

Second inventor: Adar Magen, citizen of Israel

Inventor signature:  _____ Date: 02/19/19

Residence: Sunnyvale, California, USA

Third inventor: Arun Kumar Nallani Chakravartula, citizen of USA

Inventor signature: _____ Date: _____

Residence: San Jose, California, US

Fourth inventor: Zhenbin Ge, citizen of USA

Inventor signature: _____ Date: _____

Residence: San Jose, California, US

Fifth inventor: Gregory A. Cohoon, citizen of USA

Inventor signature: _____ Date: _____

Residence: Sunnyvale, California, US

DocId: 19908106/19281180.3

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Inventor signature: _____ Date: _____

Residence: Tel Aviv, Israel

Second inventor: Adar Magen, citizen of Israel

Inventor signature: _____ Date: _____

Residence: Sunnyvale, California, USA

Third inventor: Arun Kumar Nallani Chakravartula, citizen of USA

Inventor signature: A. K. Chakravartula Date: 08/26/2019

Residence: San Jose, California, USA

Fourth inventor: Zhenbin Ge, citizen of USA

Inventor signature: _____ Date: _____

Residence: San Jose, California, USA

Fifth inventor: Gregory A. Cohen, citizen of USA

Inventor signature: _____ Date: _____

Residence: Sunnyvale, California, USA

Docket: P39581US1/1020-1250.3

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Inventor signature: _____ Date: _____

Residence: Tel Aviv, Israel

Second inventor: Adar Magen, citizen of Israel

Inventor signature: _____ Date: _____

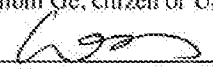
Residence: Sunnyvale, California, USA

Third inventor: Arun Kumar Nallani Chakravartula, citizen of USA

Inventor signature: _____ Date: _____

Residence: San Jose, California, US

Fourth inventor: Zhenbin Ge, citizen of USA

Inventor signature:  _____ Date: 8/12/2019

Residence: San Jose, California, US

Fifth inventor: Gregory A. Cohoon, citizen of USA

Inventor signature: _____ Date: _____

Residence: Sunnyvale, California, US

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Residence: Tel Aviv, Israel

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Inventor signature: _____ Date: _____

Residence: Sunnyvale, California, USA

Third inventor: Arun Kumar Nallani Chakravartula, citizen of USA

Inventor signature: _____ Date: _____

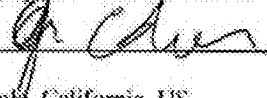
Residence: San Jose, California, US

Fourth inventor: Zhenbin Ge, citizen of USA

Inventor signature: _____ Date: _____

Residence: San Jose, California, US

Fifth inventor: Gregory A. Cohoon, citizen of USA

Inventor signature:  Date: 8/26/2019

Residence: Sunnyvale, California, US

Docket: P39581US1/1020-1250.3

Sixth inventor: Eamon H. O'Connor, citizen of USA

Inventor signature: Eamon O'Connor Date: 8/19/2019

Residence: Emeryville, California, US

Seventh inventor: Calvin K. Wong, citizen of USA

Inventor signature: _____ Date: _____

Residence: Cupertino, California, US

Eighth inventor: Colleen F Mischke, citizen of USA

Inventor signature: _____ Date: _____

Residence: Sunnyvale, California, US

Ninth inventor: Christopher Hu, citizen of USA

Inventor signature: _____ Date: _____

Residence: San Jose, CA, US

Tenth inventor: Yazan Z. Alnahhas, citizen of Palestine

Inventor signature: _____ Date: _____

Residence: Mountain View, CA, US

Docket: P39581US1/1020-1250.3

Sixth inventor: Eamon H. O'Connor, citizen of USA

Inventor signature: _____ Date: _____

Residence: Emeryville, California, US

Seventh inventor: Calvin K. Wong, citizen of USA

Inventor signature: Calvin K. Wong Date: 8/19/19

Residence: Cupertino, California, US

Eighth inventor: Colleen F Mischke, citizen of USA

Inventor signature: _____ Date: _____

Residence: Sunnyvale, California, US

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Sixth inventor: Eamon H. O'Connor, citizen of USA

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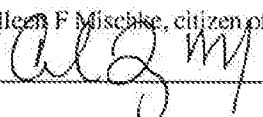
Residence: Emeryville, California, US

Seventh inventor: Calvin K. Wong, citizen of USA

Inventor signature: _____ Date: _____

Residence: Cupertino, California, US

Eighth inventor: Colleen F Mischke, citizen of USA

Inventor signature:  _____ Date: 8/15/19

Residence: Sunnyvale, California, US

Ninth inventor: Christopher Hu, citizen of USA

Inventor signature: _____ Date: _____

Residence: San Jose, CA, US

Tenth inventor: Yazan Z. Alnahhas, citizen of Palestine

Inventor signature: _____ Date: _____

Residence: Mountain View, CA, US

Docket: P39581US1/1020-1250.3

Sixth inventor: Eamon H. O'Connor, citizen of USA

Inventor signature: _____ Date: _____

Residence: Emeryville, California, US

Seventh inventor: Calvin K. Wong, citizen of USA

Inventor signature: _____ Date: _____

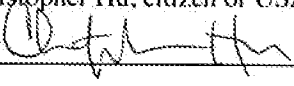
Residence: Cupertino, California, US

Eighth inventor: Colleen F Mischke, citizen of USA

Inventor signature: _____ Date: _____

Residence: Sunnyvale, California, US

Ninth inventor: Christopher Hu, citizen of USA

Inventor signature:  _____ Date: 8/5/2019

Residence: San Jose, CA, US

Tenth inventor: Yazan Z. Alnahhas, citizen of Palestine

Inventor signature: _____ Date: _____

Residence: Mountain View, CA, US

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Residence: Emeryville, California, US

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Inventor signature: _____ Date: _____

Residence: Cupertino, California, US

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Inventor signature: _____ Date: _____

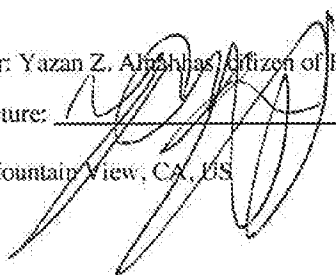
Residence: Sunnyvale, California, US

Ninth inventor: Christopher Hu, citizen of USA

Inventor signature: _____ Date: _____

Residence: San Jose, CA, US

Tenth inventor: Yazan Z. Alshahas, citizen of Palestine

Inventor signature:  _____ Date: 8/16/19

Residence: Mountain View, CA, US