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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
MOSHE KRIMAN	02/12/2020		
IDO LUFT	02/12/2020		

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:	16795634		

CORRESPONDENCE DATA

Fax Number: (003)562-2297

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.

Phone: 97235622291 **Email:** info@dkpat.co.il

Correspondent Name: KLIGLER & ASSOCIATES PATENT ATTORNEYS LTD

Address Line 1: P. O. BOX 57651

Address Line 4: TEL AVIV, ISRAEL 61576

ATTORNEY DOCKET NUMBER:	P39638US1/1020-2008.1
NAME OF SUBMITTER:	SVETLANA RUDNIK
SIGNATURE:	/Svetlana Rudnik/
DATE SIGNED:	02/23/2020

Total Attachments: 3

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PATENT 505930193 REEL: 051895 FRAME: 0516

Docket: P39638US1/1020-2008.1

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 INTEGRATED LASER MODULE (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 abovementioned patent application and any applications filed as divisions, reissues, continuations, or continuations-in-part thereof or otherwise deriving from the abovementioned 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

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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 Kriman, citizen of Israel				
Inventor signature:	_ Date: _			
Residence: Tel Aviv, Israel				
Second inventor: Ido Luft, citizen of Israel		· 00		
Inventor signature:	_ Date: _	Feb	12-66	7050
Residence: Sunnyvale, CA, USA				

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MEMORY the invention and provide any other assistance deemed necessary by the Assistance to obtain protect and enforce its rights in the Invention.

This Assignment shall be binding upon the being executors, administrators, and assigns of each of the Assignmen, and shall insert to the benefit of the being executors, with this continue and assigns of the Assignmen.

IN WITNESS WHEREOV, the Assignors have executed this Assignment on the date of dates indicated below:

First insumor: Mod	e Kriman, crizen of Israel				
Inventor signature	114 21 400	Dute:	feb	12	2020
Residence: Tel Aviv	, in and				
Second inventor: US) Long, entiress of topped				
forester signature .		. Owe			
Residence: Sumpra	le CA, USA				

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PATENT REEL: 051895 FRAME: 0519