12/15/2019 505821406

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5868236

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CRISTIANO L. NICLASS	06/14/2016
ALEXANDER SHPUNT	06/17/2016
GENNADIY A. AGRANOV	06/16/2016
MATTHEW C. WALDON	06/13/2016
MINA A. REZK	06/16/2016
THIERRY OGGIER	06/13/2016

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:	16714739

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

KLIGLER & ASSOCIATES PATENT ATTORNEYS LT **Correspondent Name:**

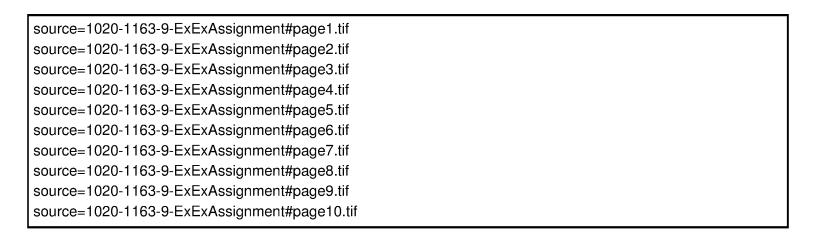
P.O. BOX 57651 Address Line 1:

Address Line 4: TEL AVIV, ISRAEL 61576

ATTORNEY DOCKET NUMBER:	P30128USC1/1020-1163.9
NAME OF SUBMITTER:	SVETLANA RUDNIK
SIGNATURE:	/Svetlana Rudnik/
DATE SIGNED:	12/15/2019
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Total Attachments: 10

PATENT REEL: 051286 FRAME: 0442



PATENT REEL: 051286 FRAME: 0443

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 1 Infinite Loop, Cupertino, CA95014, USA (hereinafter, Assignee).

WHEREAS the Assignors have made an invention that is described in the attached patent application entitled MULTI-RANGE TIME OF FLIGHT SENSING (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 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:

i Israei
Date:
Date: PMP, Cupertino, California 95014
en of <u>Switzerland</u>
Nicky Date: <u>June 14th</u> , 2016 2MP, Cupertino, California 95014
zen of
Date:
2MP, Cupertino, California 95014
en of
Date:
2MP, Cupertino, California 95014
Date:
Date: Il Stop 993-2SG Cupertino, California
Date:
-2MP, Cupertino, California 95014

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PATENT REEL: 051286 FRAME: 0446

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First inventor: Alexander Shpunt, citizen of Israel	
Inventor signature:	Date: 5/17/16
Residence: 1 Infinite Loop, Mail Stop 35-2MP, Cu	pertino California 95014
resource. I milling Loop, wan 5top 55-21417, Cu	pertino, Camornia 95014
Second inventor: Cristiano L Niclass, citizen of	
Inventor signature:	Date:
Residence: 1 Infinite Loop, Mail Stop 35-2MP, Cu	pertino, California 95014
Third inventor: Gennadiy A Agranov, citizen of	P. N
Inventor signature:	Date:
Inventor signature:	pertino, California 95014
Fourth inventor: Matthew C Waldon, citizen of	
Inventor signature:	Date:
Residence: 1 Infinite Loop, Mail Stop 35-2MP, Cu Fifth inventor: Mina A Rezk, citizen of	
Inventor signature:	Date:
Residence: 1 Infinite Loop, M/S 993, Mail Stop 99	93-2SG Cupertino, California
Sixth inventor: Thierry Oggier, citizen of	
Inventor signature:	Date:
Residence: 1 Infinite Loop, Mail Stop 35-2MP, Cu	pertino, California 95014

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First inventor: Alexander Shpunt, citizen of Israel	
Inventor signature:	Date:
Inventor signature: Residence: 1 Infinite Loop, Mail Stop 35-2MP, Cu	pertino, California 95014
Second inventor: Cristiano L Niclass, citizen of	
Inventor signature:	Date:
Residence: 1 Infinite Loop, Mail Stop 35-2MP, Cu	pertino, California 95014
Third inventor: Gennadiy A Agranov, citizen of	215A
Inventor signature: Residence: 1 Infinite Loop, Mail-Stop 35-2MP, Cu	Date: 06/16/2016
Residence: 1 Infinite Loop, Mail Stop 35-2MP, Cu	pertino, California 95014
Fourth inventor: Matthew C Waldon, citizen of	
Inventor signature:	Date:
Residence: 1 Infinite Loop, Mail Stop 35-2MP, Ca	
Fifth inventor: Mina A Rezk, citizen of	AFOND COMME
Inventor signature:	Date:
Residence: 1 Infinite Loop, M/S 993, Mail Stop 99	93-2SG Cupertino, California
Sixth inventor: Thierry Oggier, citizen of	
Inventor signature:	Date:
Residence: 1 Infinite Loop, Mail Stop 35-2MP, Cu	spertino, California 95014

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Fourth inventor: Matthew C Waldon, citizen of USA
Invantor signatures 1 0 (10 p. 6/13/2016
Fourth inventor: Matthew C Waldon, citizen of USA Inventor signature: Date: 6/13/2016 Residence: 1 Infinite Loop, Mail Stop 35-2MP, Cupertino, California 95014
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Fifth inventor: Mina A Rezk, citizen of
Inventor signature: Date:
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Inventor signature: Date: Date:
Residence: 1 Infinite Loop, Mail Stop 35-2MP, Cupertino, California 95014