PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUVAL GERSON	11/30/2015
ALEXANDER SHPUNT	11/30/2015

RECEIVING PARTY DATA

Name:	APPLE INC.
Street Address:	1 INFINITE LOOP
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14955060

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 info@dkpat.co.il Email:

Correspondent Name: D. KLIGLER I.P. SERVICES LTD.

Address Line 1: P.O. BOX 57651

Address Line 4: TEL AVIV, ISRAEL 61576

ATTORNEY DOCKET NUMBER:	P27795US1/1020-1141
NAME OF SUBMITTER:	SVETLANA RUDNIK
SIGNATURE:	/Svetlana Rudnik/
DATE SIGNED:	12/01/2015

Total Attachments: 2

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> **PATENT** REEL: 037173 FRAME: 0001 503589661

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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, CA 95014, USA (hereinafter, Assignee).

WHEREAS the Assignors have made an invention that is described in the attached patent application entitled ELECTRICAL TUNING OF RESONANT SCANNING (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,

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Docket: P27795US1/1920-1141

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 invent	or Vons	Carcon	سمحة فقم	of lowest
rust mven	or: Yuvai	LIGHTSON.	cmzen	of Israel

Inventor signature: 14 of Auren Date: 30 Nov 2015

Residence: 1 Infinite Loop, Cupertino, CA 95014, USA

Second inventor: Alexander Shpunt, citizen of Israel

Inventor signature: Date: 20, NOV, 2017

Residence: 45 Bear Paw, Portola Valley, CA 94024, USA

RECORDED: 12/01/2015