

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Anatoliy A. Savchenkov</td> <td>07/31/2012</td> </tr> <tr> <td>Lute Maleki</td> <td>07/19/2012</td> </tr> <tr> <td>Andrey B. Matsko</td> <td>07/19/2012</td> </tr> <tr> <td>David Seidel</td> <td>07/30/2012</td> </tr> </tbody> </table>	Name	Execution Date	Anatoliy A. Savchenkov	07/31/2012	Lute Maleki	07/19/2012	Andrey B. Matsko	07/19/2012	David Seidel	07/30/2012	
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Anatoliy A. Savchenkov	07/31/2012										
Lute Maleki	07/19/2012										
Andrey B. Matsko	07/19/2012										
David Seidel	07/30/2012										
RECEIVING PARTY DATA											
Name:	OEwaves, Inc.										
Street Address:	465 N. Halstead Street										
Internal Address:	Suite 140										
City:	Pasadena										
State/Country:	CALIFORNIA										
Postal Code:	91107										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13540518</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	13540518							
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Application Number:	13540518										
CORRESPONDENCE DATA											
Fax Number:	8587205819										
Phone:	858-720-5700										
Email:	share@perkinscoie.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Bing Ai										
Address Line 1:	Perkins Coie LLP										
Address Line 2:	PO Box 1247										
Address Line 4:	Seattle, WASHINGTON 98111-1247										
ATTORNEY DOCKET NUMBER:	09067-8093.US01										
NAME OF SUBMITTER:	Bing Ai										
Total Attachments: 2 source=Executed Assignment#page1.tif source=Executed Assignment#page2.tif											

CH \$40.00 13540518

ASSIGNMENT

We, Anatoliy A. Savchenkov, of Glendale, California, Lute Maleki, of Pasadena, California, Andrey B. Matsko, of Pasadena, California, and David Seidel, of Alta Loma, California hereby assign to OEwaves, Inc., a corporation of Delaware, having a place of business at 465 N. Halstead Street, Suite 140, Pasadena, California 91170, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in an application for United States Patent filed by us, entitled **COMPACT OPTICAL ATOMIC CLOCKS AND APPLICATIONS BASED ON PARAMETRIC NONLINEAR OPTICAL MIXING IN WHISPERING GALLERY MODE OPTICAL RESONATORS**, filed July 2, 2012 and assigned U.S. Serial Number 13/540,518.

This assignment includes said application, all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements, the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. We authorize the Assignee to apply in all countries in our names or in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

In addition, we hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements that occurred by operation of an employment agreement between us and the Assignee existing at the time said inventions and improvements were made. Should we have any remaining interest, we hereby sell, assign, and transfer any right, title and interest we may have in said inventions and improvements anywhere in the world to the Assignee.

The foregoing assignments, sale and transfer have been made for good and valuable consideration, the receipt of which is hereby acknowledged, and in accordance with the aforementioned employment agreement.

We hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

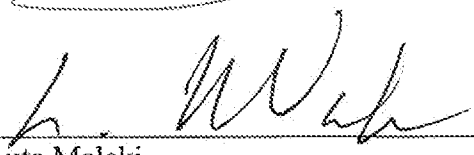
We further covenant for ourselves and our respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to us and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application, said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

DATE: 7/31/12



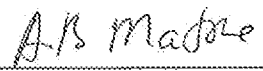
Anatoliy A. Savchenkov

DATE: 7/19/12



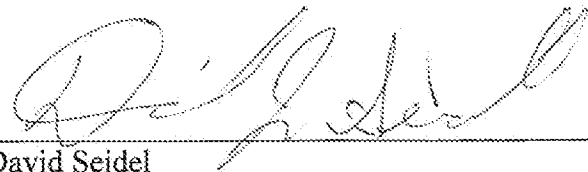
Lute Maleki

DATE: 7/19/12



Andrey B. Matsko

DATE: 7/30/12



David Seidel