

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5368648

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| | |
| Name | Execution Date |
| SHAHAR HAUZNER | 02/11/2019 |
| GREGORY LERNER | 02/11/2019 |
| AVI RAPAPORT | 02/11/2019 |
| RECEIVING PARTY DATA | |
| Name: | CELENO COMMUNICATIONS (ISRAEL) LTD. |
| Street Address: | 26 ZARHIN STREET |
| Internal Address: | PO BOX 4093 |
| City: | RAANANA |
| State/Country: | ISRAEL |
| Postal Code: | 43665 |
| PROPERTY NUMBERS Total: 1 | |
| | |
| Property Type | Number |
| Application Number: | 16271913 |
| 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 & ASSOCIATES PATENT ATTORNEYS LTD. |
| Address Line 1: | P.O. BOX 57651 |
| Address Line 4: | TEL AVIV, ISRAEL 61576 |
| ATTORNEY DOCKET NUMBER: | 1169-1020.1 |
| NAME OF SUBMITTER: | SVETLANA RUDNIK |
| SIGNATURE: | /Svetlana Rudnik/ |
| DATE SIGNED: | 02/11/2019 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |
| Total Attachments: 2 | |
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DECLARATION AND ASSIGNMENT

AS A BELOW NAMED INVENTOR, I hereby declare that:

This declaration and assignment are directed to the attached patent application, entitled SMOOTHING BEAMFORMING MATRICES ACROSS SUB-CARRIERS (hereinafter, the Application).

The above-identified Application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the Application.

I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to me, the receipt and sufficiency of which are hereby acknowledged, I agree to assign, and hereby do assign, to:

CELENO COMMUNICATIONS (ISRAEL) LTD., an Israeli company, having a place of business at 26 Zarhin Street, PO Box 4093, Raanana 43665, Israel (hereinafter, Assignee).

my entire right, title and interest in and to any and all inventions described and/or claimed in the Application (hereinafter, the Invention), including, without limitation, the above-mentioned Application itself and all other provisional and non-provisional applications deriving from the above-mentioned 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 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.

I hereby authorize and request the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from the above-mentioned Application and any divisions, reissues, continuations, or 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.

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

I agree to execute all papers in connection with the above-mentioned Application and any applications filed as divisions, reissues, continuations, or continuations-in-part thereof or otherwise deriving from the above-mentioned Application, including separate assignments in

Docket: 1169-1020.1

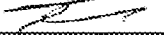
connection with such applications, that the Assignee may deem desirable for the purposes of obtaining, protecting and enforcing its rights in the Invention.

I agree to communicate to the Assignee or representatives thereof any facts known to me respecting the Invention and improvements thereof, and will, upon request, but without expense to myself, 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.

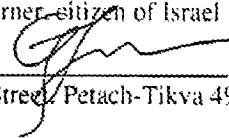
This Assignment shall be binding upon the heirs, executors, administrators, and assigns of each of the Inventors listed below, and shall inure to the benefit of the heirs, executors, administrators, successors and assigns of the Assignee.

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

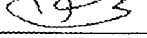
First inventor: Shahar Hanzner, citizen of Israel

Inventor signature:  Date: 11/2/19
Residence: 33/2 Sirkin Street, Givatayim, Israel

Second inventor: Gregory Lerner, citizen of Israel

Inventor signature:  Date: 11-Feb-2019
Residence: 3 Mivtza Horev Street, Petach-Tikva 4956803, Israel

Third inventor: Avi Rapaport, citizen of Israel and USA

Inventor signature:  Date: 11/2/2019
Residence: 13/13 Tirosh Street, Shoham, Israel