

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4086206

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the NAME OF THE ASSIGNEE previously recorded on Reel 022287 Frame 0049. Assignor(s) hereby confirms the THE ASSIGNEE NAME SHOULD BE OREE ADVANCED ILLUMINATION SOLUTIONS INC..
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NOAM MEIR	01/01/2009
ERAN FINE	01/01/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OREE ADVANCED ILLUMINATION SOLUTIONS INC.
<b>Street Address:</b>	30 TUVAL STREET
<b>City:</b>	BEIT OR, RAMAT GAN
<b>State/Country:</b>	ISRAEL
<b>Postal Code:</b>	52522
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12324535
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)739-3001
<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>	
<b>Phone:</b>	202-739-3000
<b>Email:</b>	patents@morganlewis.com, rgoodwin@morganlewis.com, mathew.currie@morganlewis.com
<b>Correspondent Name:</b>	MORGAN, LEWIS, & BOCKIOUS LLP (B0)
<b>Address Line 1:</b>	1111 PENNSYLVANIA AVENUE, NW
<b>Address Line 4:</b>	WASHINGTON, D.C. 20004-2541
<b>ATTORNEY DOCKET NUMBER:</b>	ORE-004C
<b>NAME OF SUBMITTER:</b>	REBECCA GOODWIN
<b>SIGNATURE:</b>	/Rebecca Goodwin/
<b>DATE SIGNED:</b>	10/06/2016
<b>Total Attachments: 14</b>	
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TO: PATENT ADMINISTRATOR/GOODWIN PROCTER LLP COMPANY: EXCHANGE PLACE

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

02/19/2009  
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
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Name	Execution Date												
Noam Meir	01/01/2009												
Eran Fine	01/01/2009												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Oree, Inc.</td></tr><tr><td>Street Address:</td><td>30 Tuval Street</td></tr><tr><td>Internal Address:</td><td>Beit Or</td></tr><tr><td>City:</td><td>Ramat Gan</td></tr><tr><td>State/Country:</td><td>ISRAEL</td></tr><tr><td>Postal Code:</td><td>52522</td></tr></table>		Name:	Oree, Inc.	Street Address:	30 Tuval Street	Internal Address:	Beit Or	City:	Ramat Gan	State/Country:	ISRAEL	Postal Code:	52522
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Property Type	Number												
Application Number:	12324535												
CORRESPONDENCE DATA													
Fax Number: (617)523-1231 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 617-570-1000													
Email: jwaters@goodwinprocter.com													
Correspondent Name: Patent Administrator/Goodwin Procter LLP													
Address Line 1: Exchange Place													
Address Line 4: Boston, MASSACHUSETTS 02109													
ATTORNEY DOCKET NUMBER:	ORE-004C												
NAME OF SUBMITTER:	Steven J. Russell												
Total Attachments: 5 source=ORE-004C Assignment#page1.tif source=ORE-004C Assignment#page2.tif													

CH 12324535 \$40.00

TO: PATENT ADMINISTRATOR/GOODWIN PROCTER LLP COMPANY: EXCHANGE PLACE

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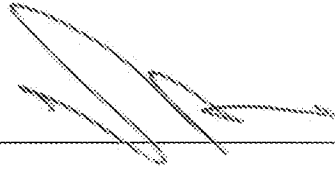
## REQUEST FOR CORRECTION OF RECORDED ASSIGNMENTS

The undersigned OREE ADVANCED ILLUMINATION SOLUTIONS INC., which has conducted business informally as OREE INC. and OREE, INC., is the true assignee of record of the entire interest in the pending patent applications listed on the attached Schedule A and the granted patents listed on the attached Schedule B by virtue of assignments recorded against the respective applications and patents, and recognizes that those assignments erroneously name OREE INC. or OREE, INC. as the assignee of record rather than the full and correct corporate name of the assignee. The undersigned therefore requests that the assignment records of the U.S. Patent and Trademark Office be corrected to name OREE ADVANCED ILLUMINATION SOLUTIONS INC. as the assignee of record.

ASSIGNEE:

**OREE ADVANCED ILLUMINATION SOLUTIONS INC.**

Date: 9/29/16

By:  \_\_\_\_\_

Name: Amir Steklov

Title: CFO

**SCHEDULE A**

**OREE ADVANCED ILLUMINATION SOLUTIONS INC. - Pending Applications**

<b>Application No.</b>	<b>Title</b>	<b>Atty. Docket No.</b>
14/409,195	PLANAR REMOTE PHOSPHOR ILLUMINATION APPARATUS	ORE-020
14/691,816	ILLUMINATION APPARATUS CONFINING LIGHT BY TOTAL INTERNAL REFLECTION AND METHODS OF FORMING THE SAME	ORE-016C3
14/849,933	SLIM WAVEGUIDE COUPLING APPARATUS AND METHOD	ORE-005CPC3
15/269,231	SLIM WAVEGUIDE COUPLING APPARATUS AND METHOD	ORE-005CPC4

**SCHEDULE B****OREE ADVANCED ILLUMINATION SOLUTIONS INC. - Granted Patents**

<b>Patent No.</b>	<b>Title</b>	<b>Atty. Docket No.</b>
7,826,698	Elimination of stitch artifacts in a planar illumination area	ORE-003CC1
7,907,804	Elimination of stitch artifacts in a planar illumination area	ORE-003C
7,929,816	Waveguide sheet containing in-coupling, propagation, and out-coupling regions	ORE-004C
8,064,743	Discrete light guide-based planar illumination area	ORE-003CC2
8,172,447	Discrete lighting elements and planar assembly thereof	ORE-003A
8,182,128	Planar white illumination apparatus	ORE-004B
8,215,815	Illumination apparatus and methods of forming the same	ORE-010CP
8,231,237	Sub-assembly and methods for forming the same	ORE-001A
8,238,703	Waveguide sheet containing in-coupling, propagation, and out-coupling regions	ORE-004CC1
8,272,758	Illumination apparatus and methods of forming the same	ORE-010CP2
8,297,786	Slim waveguide coupling apparatus and method	ORE-005CP
8,301,002	Slim waveguide coupling apparatus and method	ORE-005
8,328,406	Low-profile illumination device	ORE-009A
8,459,856	Planar white illumination apparatus	ORE-004BC1
8,542,964	Waveguide sheet containing in-coupling, propagation, and out-coupling regions	ORE-004CC2
8,550,684	Waveguide-based packaging structures and methods for discrete lighting elements	ORE-003B
8,579,466	Illumination apparatus and methods of forming the same	ORE-010CP2C1
8,591,072	Illumination apparatus confining light by total internal reflection and methods of forming the same	ORE-016
8,624,527	Independently controllable illumination device	ORE-013

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<b>Patent No.</b>	<b>Title</b>	<b>Atty. Docket No.</b>
8,727,597	Illumination apparatus with high conversion efficiency and methods of forming the same	ORE-015
8,840,276	Illumination apparatus confining light by total internal reflection and methods of forming the same	ORE-016C1
8,851,712	Slim waveguide coupling apparatus and method	ORE-005CPC1
9,039,244	Illumination apparatus confining light by total internal reflection and methods of forming the same	ORE-016C2
9,164,218	Slim waveguide coupling apparatus and method	ORE-005CPC2



### ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 1 day of Jan, 2009, by Noam Meir and Eran Fine (hereinafter referred to as Assignors), residing at Hayarden 7, 46377 Hezlia, ISRAEL; and 34 Kehilat Odessa Street, 69511 Tel-Aviv, ISRAEL, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in WAVEGUIDE SHEET INCLUDING IN-COUPLING, PROPAGATION, AND OUT-COUPLING REGIONS, set forth in a Patent application for Letters Patent of the United States, already filed on November 26, 2008 as U.S. Application No. 12/324,535; and

WHEREAS, Oree Inc., a company organized under and pursuant to the laws of Israel having its principal place of business at Beit Or, 30 Tuval Street, 52522 Ramat Gan, ISRAEL (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and

delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee. Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

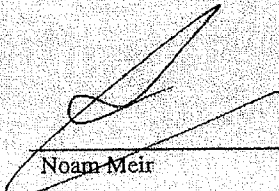
AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

GOODWIN PROCTER LLP

All practitioners at Customer Number 051414


AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

1.1.09  
Date

  
Noam Meir

Witness:

1.1.09  
Date

  
\_\_\_\_\_

01.01.09

Date

Eran Fine

Witness:

1.1.09

Date