504533632 09/06/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4580339

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| YAKOV ROIZIN | 06/17/2013 |

RECEIVING PARTY DATA

| Name: | TOWER SEMICONDUCTOR LTD. |
|-----------------|---|
| Street Address: | P.O. BOX 619, RAMAT GAVRIEL INDUSTRIAL PARK |
| City: | MIGDAL HAEMEK |
| State/Country: | ISRAEL |
| Postal Code: | 2310502 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15690392 |

CORRESPONDENCE DATA

Fax Number: (703)415-4864

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: (703) 859-9634 Email: martin@ipatent.co.il **Correspondent Name:** MARTIN D. MOYNIHAN

Address Line 1: P.O. BOX 16446 Address Line 2: PRTSI, INC.

Address Line 4: ARLINGTON, VIRGINIA 22215

| ATTORNEY DOCKET NUMBER: | 71107 |
|-------------------------|----------------------|
| NAME OF SUBMITTER: | MARTIN D. MOYNIHAN |
| SIGNATURE: | /Martin D. Moynihan/ |
| DATE SIGNED: | 09/06/2017 |

Total Attachments: 1

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PATENT REEL: 043493 FRAME: 0025 504533632

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

ROIZIN Yakov 37/2 HaHatzav Street, 1878219 Afula, Israel

hereby sell(s), assign(s) and transfer(s) to:

| TOWER SEMICONDUCTOR LTD. | _ |
|-------------------------------|---|
| P.O. Box 619 | |
| Ramat Gavriel Industrial Park | |
| 2310502 Migdal HaEmek | |
| Israel | |

(hereinafter called the "Assignee"), its successors, assigns, nominees or other legal representatives, the undersigned's entire rights, title and interest in and to the invention titled, described and claimed in the following Patent Application:

PCT Patent Application, Identified as Agent Docket No. 56258
claiming priority of:
US Provisional Patent Application No. 61/643,832 filed 7 May 2012
for: LOW-K DIELECTRIC FORMED BY USING BIO-ORGANIC POROGEN

and in and to said Patent Application, and all original and reissued Patents granted therefore, and all divisions and continuations thereof, any corresponding PCT Patent Application and the National Phases thereof, including the right to apply and obtain Patents in all other countries, the priority rights under international Conventions, and the Letters Patent which may be granted thereon:

covenant that the undersigned have (has) the full right to convey the entire interest therein assigned;

authorize(s) and request(s) the Registrar of Patents, and any Official of any country whose duty it is to issue Patents on applications as aforesald, to issue the said Letters Patent to the said Assignee;

and agree(s) to sign all lawful papers, make all rightful oaths, do all lawful acts requisite for such Patent Applications, and do everything possible to ald said Assignee to apply for, obtain and enforce Patent protection for said invention.

ROIZIN Yakov

RECORDED: 09/06/2017

Date: 17.06. 2048

PATENT REEL: 043493 FRAME: 0026