

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3691524

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TECHTIUM LTD	01/27/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TOWER SEMICONDUCTOR LTD.
<b>Street Address:</b>	RAMAT GABRIEL INDUSTRIAL AREA
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<b>State/Country:</b>	ISRAEL
<b>Postal Code:</b>	23105
<b>PROPERTY NUMBERS Total: 8</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13594983
Application Number:	13898190
Patent Number:	6479963
Patent Number:	8004237
Patent Number:	8080976
Patent Number:	8253373
Patent Number:	8446134
Patent Number:	9106277
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	TSL-C014
<b>NAME OF SUBMITTER:</b>	E. ERIC HOFFMAN

PATENT

<b>SIGNATURE:</b>	/E. Eric Hoffman/
<b>DATE SIGNED:</b>	01/12/2016
<b>Total Attachments: 2</b> source=TSL-C014-ASGN-from-Techtium-to-TSL#page1.tif source=TSL-C014-ASGN-from-Techtium-to-TSL#page2.tif	

## **PATENT ASSIGNMENT**

WHEREAS, Techtium Ltd., an Israeli corporation having a place of business located at Habarzel 3, Tel Aviv (hereinafter "ASSIGNOR"), hereby represents and warrants that it is the sole and exclusive owner of the entire right, title, and interest in, to and under the Patent Items (as defined below).

WHEREAS, Tower Semiconductor Ltd., an Israeli corporation (hereinafter "ASSIGNEE"), has agreed to acquire ASSIGNOR's entire right, title and interest in, to and under (i) the patents and patent applications identified in the attached schedule (hereinafter "EXHIBIT A"); (ii) all patents issuing on any patent applications identified in EXHIBIT A; (iii) all reissues, reexaminations, extensions, divisionals, renewals, continuations, continuations-in-part and counterparts (whether foreign or domestic) claiming priority to or based on any of the foregoing items in (i) or (ii) above, along with all patents issuing therefrom; and (iv) all inventions and improvements claimed or described in any of the foregoing items (i), (ii) or (iii) (subsections (i), (ii), (iii) and (iv) hereinafter collectively referred to as the "Patent Items").

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR and ASSIGNEE agree as follows:

1. ASSIGNOR does acknowledge that ASSIGNOR has sold, assigned, transferred, conveyed, and delivered, and by these presents does hereby sell, assign, transfer, convey and deliver unto ASSIGNEE, its successors, legal representatives and assigns, ASSIGNOR's entire right, title and interest throughout the world in, to and under the Patent Items, including without limitation all foreign patents and any rights or priority based on or related to the Patent Items.

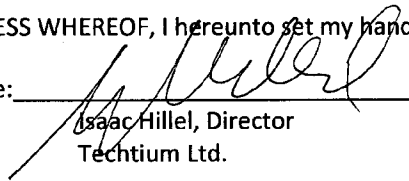
2. ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States of America, and any Official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications, to issue all patents for the Patent items to ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this Patent Assignment.

3. ASSIGNOR does acknowledge that ASSIGNOR has sold, assigned, transferred, conveyed and delivered, and by these presents does hereby sell, assign, transfer, convey and deliver to ASSIGNEE, its successors, legal representatives and assigns, ASSIGNOR's entire rights of enforcement, all of ASSIGNOR's claims for damages and remedies arising out of, relating to or resulting from the Patent Items or any violation(s) thereof, whether accrued prior to the date of this Patent Assignment or hereafter, including but not limited to the right to sue for, seek, collect, recover and retain damages and any other relief arising out of or resulting from any past, present or future infringement or violation of any of the Patent Items, and all other rights, including common law rights, that ASSIGNOR may have relating to the Patent Items, including but not limited to any ongoing or prospective royalties to which ASSIGNOR may be entitled, or that ASSIGNOR may collect for any infringements of any of the Patent Items or from any settlement or agreement related to the Patent Items arising before or after the date of this Patent Assignment, such rights to be held and enjoyed by ASSIGNEE, its successors, legal representatives and assigns, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this Patent Assignment had not been made.

4. ASSIGNOR hereby represents and warrants that ASSIGNOR has full right, power and authority to sell, assign, transfer, convey and deliver all of the subject matter set forth herein, and hereby covenants and agrees that ASSIGNOR will communicate promptly to ASSIGNEE, its successors, legal representatives and assigns, all facts known to ASSIGNOR respecting the Patent Items, and will testify in any legal proceeding, sign all lawful papers, transfer all file histories, make diligent effort to find or reach every inventor of the Patent Items required in connection with preparation of any lawful document or proceeding related to the Patent Items, make reasonable efforts to obtain all required signed and executed documents relating to the Patent Items from every inventor named in the Patent Items, make all rightful declarations and/or oaths and generally do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce patent protection for the Patent Items on a worldwide basis in all countries. ASSIGNOR further covenants and agrees that ASSIGNOR will wholly refrain from challenging the validity, enforceability or scope of the Patent Items, whether through opposition, reexamination and/or court proceedings.

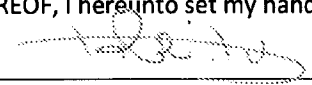
IN WITNESS WHEREOF, I hereunto set my hand this 27 date of January, 2015.

Signature: \_\_\_\_\_

  
Isaac Hillel, Director  
Techtium Ltd.

IN WITNESS WHEREOF, I hereunto set my hand this 28 date of January, 2015.

Signature: \_\_\_\_\_

  
Dr. Avi Strum, V.P. and General Manager  
Tower Semiconductor Ltd.

#### EXHIBIT A

1. U.S. Patent No. 6,479,963 entitled "Rechargeable Battery Packs".
2. U.S. Patent No. 8,004,237 entitled "Bidirectional Battery Charge Controller".
3. U.S. Patent No. 8,080,976 entitled "Charging Methods For Battery Powered Devices".
4. U.S. Patent No. 8,253,373 entitled "Rechargeable Wall Charger".
5. U.S. Patent No. 8,446,134 entitled "Environmentally Friendly Power Supply".
6. U.S. Continuation Application Serial No. 13/594,983 entitled "Rechargeable Wall Charger".
7. U.S. Continuation Application Serial No. 13/898,190 entitled "Environmentally Friendly Power Supply".
8. U.S. Application No. 13/129,685 entitled "Capacitor-Powered Mobile Electronic Device".
9. Indian Application No. IN4689/DELNP/2009 entitled "Rechargeable Wall Charger".
10. Indian Application No. 7097/DELNP/2010 entitled "Environmentally Friendly Power Supply".
11. European Application No. 09718623.3 entitled "Environmentally Friendly Power Supply".
12. Korean Application No. 10-2010-7022653 entitled "Environmentally Friendly Power Supply".