

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mostafa SOLIMAN</td> <td>05/27/2009</td> </tr> <tr> <td>Eihab Mohamed ABDEL-RAHMAN</td> <td>05/28/2009</td> </tr> <tr> <td>Raafat R. MANSOUR</td> <td>05/28/2009</td> </tr> <tr> <td>Ehab Fahmy EL-SAADANY</td> <td>05/28/2009</td> </tr> </tbody> </table>		Name	Execution Date	Mostafa SOLIMAN	05/27/2009	Eihab Mohamed ABDEL-RAHMAN	05/28/2009	Raafat R. MANSOUR	05/28/2009	Ehab Fahmy EL-SAADANY	05/28/2009		
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>ARJAE SPECTRAL ENTERPRISES LTD.</td> </tr> <tr> <td>Street Address:</td> <td>5-420 Erb Street West</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 202</td> </tr> <tr> <td>City:</td> <td>Waterloo</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>N2L 6K6</td> </tr> </table>		Name:	ARJAE SPECTRAL ENTERPRISES LTD.	Street Address:	5-420 Erb Street West	Internal Address:	Suite 202	City:	Waterloo	State/Country:	CANADA	Postal Code:	N2L 6K6
Name:	ARJAE SPECTRAL ENTERPRISES LTD.												
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (514)904-8101  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 514.904.8100        Email: ipmtl@osler.com        Correspondent Name: OSLER, HOSKIN &amp; HARCOURT LLP        Address Line 1: 1000 de La Gauchetiere West        Address Line 2: Suite 2100        Address Line 4: Montreal, CANADA H3B 4W5</p>													
ATTORNEY DOCKET NUMBER:	1116799(OP)												
NAME OF SUBMITTER:	Sofia Aguilar												

OP \$40.00 12473895

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**PATENT**  
**REEL: 022838 FRAME: 0621**

Total Attachments: 5

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## WORLDWIDE ASSIGNMENT

WHEREAS WE, Mostafa SOLIMAN whose complete address is 285 Erb Street West, Apt. 103, Waterloo, Ontario, N2L 1W5; Canada; Eihab Mohamed ABDEL-RAHMAN whose complete address is 314 Dearborn Blvd., Waterloo, Ontario, N2J 4Y9, Canada; Raafat R. MANSOUR whose complete address is 310 Amberwood Drive, Waterloo, Ontario, N2T 2G2, Canada; and Ehab Fahmy EL-SAADANY whose complete address is 619 Honeywood place, Waterloo, Ontario, N2T 2T6, Canada; (hereinafter referred to as the Assignors) have made an invention entitled:

### WIDEBAND POWER GENERATOR

for which an application for Letters Patent has been or will be filed in the following country:

<u>Country</u>	<u>Filing Date</u>	<u>Serial No.</u>
US	May 28, 2008	61/071,957
US	May 28,2009	12/473,895

(If necessary, the Assignee (as defined below), its affiliates and its agents are hereby authorized to insert any additional countries, any filing dates and any serial numbers when known);

AND, WHEREAS, ARJAE SPECTRAL ENTERPRISES LTD., a corporation under the laws of Canada whose full postal address is 5-420 Erb Street West, Suite 202, Waterloo, Ontario, N2L 6K6, Canada; (hereinafter referred to as the Assignee) is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the aforementioned application for Letters Patent on this invention and the Letters Patent to be issued upon this application;


NOW THEREFORE, be it known that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which from the Assignee is hereby acknowledged, by these presents, we, the Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent that may be granted thereon, and all reissues thereof, and all rights to claim priority on these of such applications, and all applications for Letters Patent that may hereafter be filed for this invention in any country and all Letters Patent that may be granted on this invention in any country, and all extensions, renewals, and reissues thereof; and we hereby authorize and request the Commissioners of Patents (or other appropriate official whose duty it is to issue patents) of the United States, Canada, and any other country, to issue Letters Patent for this invention to the Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will communicate with the Assignee, its successors and assigns, any facts known to us respecting this invention, testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, reissue, and re-examination applications, make all rightful oaths and generally do everything possible to aid the Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in any country, it being understood that, irrespective of whether we are in the employ of the Assignee or its affiliates, any expense incident to the performance of the obligations of the present paragraph shall be borne by the Assignee, its successors, and assigns.

It is the express wish of the parties that this Assignment and all related documents be drafted in English. Il est de la volonté expresse des parties que cette cession et tous les documents s'y rattachant soient rédigés en anglais.

IN TESTIMONY WHEREOF, WE HAVE SIGNED:

  
\_\_\_\_\_  
MOSTAFA SOLIMAN  
Date of Signature: May, 27<sup>th</sup>, 09  
Place of Signature: Waterloo, ON, Ca

\_\_\_\_\_  
Witness  
Name:

\_\_\_\_\_  
EIHAB MOHAMED ABDEL-RAHMAN

Date of Signature:  
Place of Signature:

\_\_\_\_\_  
Witness  
Name:

\_\_\_\_\_  
RAAFAT R. MANSOUR

Date of Signature:  
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Name:

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MOSTAFA SOLIMAN

Date of Signature:  
Place of Signature:

\_\_\_\_\_  
Witness  
Name:

  
\_\_\_\_\_  
EIHAB MOHAMED ABDEL-RAHMAN

Date of Signature: 5/28/09  
Place of Signature: Waterloo, ON

\_\_\_\_\_  
Witness  
Name:

\_\_\_\_\_  
RAAFAT R. MANSOUR

Date of Signature:  
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Name

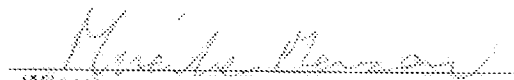
\_\_\_\_\_  
EIHAB MOHAMED ABDEL-RAHMAN

Date of Signature:  
Place of Signature:

\_\_\_\_\_  
Witness  
Name

  
\_\_\_\_\_  
RAAFAT R. MANSOUR

Date of Signature: May 28th, 2009  
Place of Signature: Waterloo, Ont  
CANADA

  
\_\_\_\_\_  
Witness  
Name: Mohamed Mansour



EHAB FAHMY EL-SAADANY

Date of Signature: May 28/2009  
Place of Signature: Waterloo

Witness  
Name:



Name: ARSEN R. HAJIAN  
Title: CEO

ARJAE SPECTRAL ENTERPRISES  
LTD.

Date of Signature: 2009-05-28  
Place of Signature: University of Waterloo



Witness  
Name: Gillian Brickett