

## PATENT ASSIGNMENT COVER SHEET

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                 |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                     |
| <b>CONVEYING PARTY DATA</b>   |                                |
|   |                                |
| <b>Name</b>   | <b>Execution Date</b>          |
| MOHAN VIJAY   | 08/08/2016                     |
| EMILIO PANARELLA  | 08/08/2016                     |
| MEISHENG XU   | 08/08/2016                     |
| WENZHUO YAN   | 08/08/2016                     |
| BRUCE DANIELS   | 08/08/2016                     |
| ANDREW TIEU   | 08/08/2016                     |
| <b>RECEIVING PARTY DATA</b>   |                                |
| <b>Name:</b>  | VLN ADVANCED TECHNOLOGIES INC. |
| <b>Street Address:</b>  | 1166 RAINBOW STREET            |
| <b>City:</b>  | OTTAWA, ONTARIO                |
| <b>State/Country:</b>   | CANADA                         |
| <b>Postal Code:</b>   | K1J 6X7                        |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                |
|   |                                |
| <b>Property Type</b>  | <b>Number</b>                  |
| Application Number:   | 15144160                       |
| <b>CORRESPONDENCE DATA</b>  |                                |
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| <b>Email:</b>   | uspto@osheagetz.com            |
| <b>Correspondent Name:</b>  | O'SHEA GETZ P.C.               |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 1208-0023                      |
| <b>NAME OF SUBMITTER:</b>   | RICHARD D. GETZ                |
| <b>SIGNATURE:</b>   | /rdg/                          |
| <b>DATE SIGNED:</b>   | 09/01/2016                     |
| <b>Total Attachments: 4</b>   |                                |

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## WORLDWIDE ASSIGNMENT

Whereas we, **MOHAN VIJAY, EMILIO PANARELLA, MEISHENG XU, WENZHUO YAN, BRUCE DANIELS, ANDREW TIEU** whose office address is 166 Rainbow Street, Ottawa, Ontario, Canada, K1J 6X7 (hereinafter "the Assignors") have made one or more inventions described and claimed in patent applications entitled **ELECTRO-DISCHARGE SYSTEM FOR NEUTRALIZING LANDMINES** (hereinafter "the Patent Applications");

Whereas **VLN ADVANCED TECHNOLOGIES INC.**, (hereinafter "the Assignee"), whose full post office address is 1166 Rainbow Street, Ottawa, Ontario, Canada, K1J 6X7, is desirous of acquiring the whole right, title and interest in and to the Patent Application, all patent applications claiming priority from the Patent Application and the invention or inventions described therein.

Now, therefore, in consideration of one dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the Assignors, do hereby sell, assign and transfer to the Assignee, all our right, title and interest in the Patent Application and any and all formal patent applications claiming priority from the Patent Application that may be filed in Canada, the United States, Europe and all other countries and jurisdictions throughout the world, and the invention or inventions described therein, and all divisions and continuations thereof, including its corresponding right to claim priority from the Patent Applications in any country or jurisdiction, including the right to make national entries under the Patent Cooperation Treaty, including all corresponding right, title and interest in and to any Patents which may issue therefrom, including all reissues, renewals and extensions thereof, and including all right to sue for past infringement thereunder, all the said Patents to be held and enjoyed by the Assignee to the full end of the term for which the Patents are granted, as fully and entirely as the Patents could have been held and enjoyed by the Assignors if this Assignment had not been made;

And we the Assignors hereby covenant that we have the full right to convey the interest assigned by this Assignment, and have not executed and will not execute any agreement in conflict with this Assignment.

And we the Assignors and the Assignee hereby authorize the firm of **Gowling WLG (Canada) LLP**, whose full post office address is 160 Elgin Street, Suite 2600, Ottawa, Ontario K1P 1C3, Canada, telephone 613-233-1781, to correct errors in this Assignment, or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any Patent Office.

DELIVERY of this Worldwide Assignment by copy, however transmitted, constitutes valid and effective delivery. This Worldwide Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

SIGNED at Ottawa, Canada, this 8<sup>th</sup> day of AUGUST, 2016  
(City/Town) (Country) (Date) (Month)

Willie Bloem  
(Signature of Witness)

W. BLOOM  
(Name of Witness: Print or Type)

An. Vijay  
(Signature of Assignor, **MOHAN VIJAY**)

SIGNED at Ottawa, Canada, this 8<sup>th</sup> day of AUGUST, 2016  
(City/Town) (Country) (Date) (Month)

Willie Bloem  
(Signature of Witness)

W. BLOOM  
(Name of Witness: Print or Type)

Emilio Panarella  
(Signature of Assignor, **EMILIO PANARELLA**)

SIGNED at Ottawa, Canada, this 8<sup>th</sup> day of AUGUST, 2016  
(City/Town) (Country) (Date) (Month)

Willie Bloem  
(Signature of Witness)

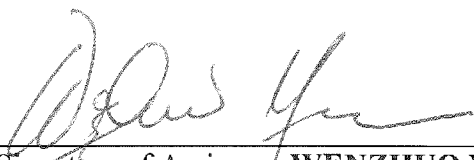
W. BLOOM  
(Name of Witness: Print or Type)

Meisheng Xu  
(Signature of Assignor, **MEISHENG XU**)

SIGNED at Ottawa, Canada, this 8<sup>th</sup> day of AUGUST, 2016  
(City/Town) (Country) (Date) (Month)

Welle Bloem  
(Signature of Witness)


W. Bloom  
(Name of Witness: Print or Type)

  
(Signature of Assignor, **WENZHUO YAN**)

SIGNED at Ottawa, Canada, this 8<sup>th</sup> day of AUGUST, 2016  
(City/Town) (Country) (Date) (Month)

Welle Bloem  
(Signature of Witness)

W. Bloom  
(Name of Witness: Print or Type)

  
(Signature of Assignor, **BRUCE DANIELS**)

SIGNED at Ottawa, Canada, this 8<sup>th</sup> day of AUGUST, 2016  
(City/Town) (Country) (Date) (Month)

Welle Bloem  
(Signature of Witness)

W. Bloom  
(Name of Witness: Print or Type)

  
(Signature of Assignor, **ANDREW TIEU**)

The undersigned Assignee hereby accepts this Assignment.

SIGNED at Ottawa, Canada, this 8<sup>th</sup> day of AUGUST, 2016  
(City/Town) (Country) (Date) (Month)

Willie Bloom

(Signature of Witness)

Mohan Vijay

(Signature of Authorized Signing Officer of

**VLN ADVANCED TECHNOLOGIES INC.)**

W. BLOOM

(Name of Witness: Print or Type)

Mohan Vijay, President