505233187 12/12/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name		Execution Date	
MOHAN M. VIJAY			07/14/2009		
ANDREW HUNG TIEU				07/14/2009	
WENZHUO YAN				07/14/2009	
BRUCE R. DANIELS				07/14/2009	
RECEIVING PARTY DA	ATA				
Name:	VLN ADVANCED TECHNOLOGIES INC.				
Street Address:	1166 RAINBOW STREET				
City:	OTTAWA, ONTARIO				
State/Country:	CANADA				
Postal Code:	K1J 6X7				
PROPERTY NUMBERS Total: 1 Property Type		Number			
Application Number		16217835			
Application Number:		10217633			
		10217033			
CORRESPONDENCE [Fax Number:		860)606-9818	hat is unsucce	ssful it will he sent	
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CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 3	DATA be sent to provided UMBER: #page1.ti #page2.ti	(860)606-9818 the e-mail address first; if the c if that is unsuccessful, it we 360-470-4700 uspto@osheagetz.com D''''SHEA GETZ P.C. 10 WATERSIDE DRIVE, SULT FARMINGTON, CONNECTION 1208-0002-3 RICHARD D. GETZ /rdg/ 12/12/2018	<i>∕ill be sent via</i> ∂ ⁻E 205		

ASSIGNMENT

Whereas We (hereinafter referred to as the "Assignors"):

Mohan M. Vijay, 24 Swansway, Gloucester, ON., K1J 6H9, Canada

Andrew Hung Tieu, 1403 LePage Avenue, Ottawa, ON., K1Z 8M8, Canada

Wenzhuo Yan, 2244 Bickerton Avenue, Ottawa, ON., K1J 6Y3, Canada

Bruce R. Daniels, 971 Gulf Place TH#3, Ottawa, ON., K1K 4E3, Canada

have made one or more inventions which are to be the subject of Canadian, United States and European Patent Applications entitled **METHOD AND APPARATUS FOR PREPPING SURFACES WITH A HIGH-FREQUENCY FORCED PULSED WATERJET** (hereinafter "the Patent Application");

Whereas VLN Advanced Technologies Inc. (hereinafter "the Assignee"), whose full business address is 1166 Rainbow Street, Ottawa, Ontario, K1J 6X7, Canada, is desirous of acquiring the whole right, title and interest in and to the Patent Applications, 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, Assignors, do hereby sell, assign and transfer to the Assignee, all right, title and interest, in Canada, the United States, Europe and all other countries and jurisdictions throughout the world, in and to the Patent Applications, and the invention or inventions described therein, and all divisions and continuations thereof, including its corresponding right to claim priority from one or both of the Patent Applications in any country or jurisdiction, including their right to make national entries under the Patent Cooperation Treaty, including all its 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 said Assignee to the full end of the term for which the said Patents are granted, as fully and entirely as the said Patents could have been held and enjoyed by the said Assignors if this Assignment had not been made;

And We, Assignors, hereby covenant and agree without further consideration, to communicate with Assignee, its successors and assigns, any facts known respecting this invention, and testify in any legal proceeding, 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, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in Canada, the United States, Europe and all other countries and jurisdictions throughout the world, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

And We, Assignors, hereby covenant that we have the full right to convey the interest

Page 1 of 3

PATENT REEL: 047757 FRAME: 0430 assigned by this Assignment, and have not executed and will not execute any agreement in conflict with this Assignment.

And Assignors and the Assignee hereby authorize the firm of Gowling Lafleur Henderson LLP, whose full post office address is 160 Elgin Street, Suite 2600, Ottawa, Ontario K1P 1C3, Canada, 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. Assignor and Assignee hereby authorize and request that Gowling Lafleur Henderson LLP insert here in parentheses (

) the application numbers of

said Patent Applications when these become known.

SIGNED at OTTAWA, CANADA, this _____ day of July 2009.

(Name of Witness: Please Print or Type)

(Signature of gnon, Mohan M. Vijay)

SIGNED at OTTAWA, CANADA, this <u>14</u> day of July 2009.

Witness)

RLOOD Witness: Please Print or Type)

(Signature of Assignor, Andrew Hung Tieu)

SIGNED at OTTAWA, CANADA, this _____ day of July 2009.

ture of Witness)

(Name of Witness: Please Print or Type)

(Signature of Assignor, Wenzhuo Yan)

Page 2 of 3

PATENT REEL: 047757 FRAME: 0431

SIGNED at OTTAWA, CANADA, this <u>14</u> day of July 2009.

Signature of Witness)

Name of Witness: Please Print or Type)

(Signature of Assignor, Bruce R. Daniels)

The undersigned Assignee hereby accepts this Assignment.

SIGNED at OTTAWA, CANADA, this _____ day of July 2009.

Signature of Witness) (Signature¹ of

Authorized Signing Officer of Assignee VLN Advanced Technologies Inc.)

くんのひ

(Name of Witness: Please Print or Type)

MOHAN M. VIJAY

(Name of Authorized Signing Officer: Please Print or Type)

PRESIDENT & CEO

(Title of Authorized Signing Officer: Please Print or Type)

PATENT REEL: 047757 FRAME: 0432