

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Allan D. Keras	06/29/2006
RECEIVING PARTY DATA	
Name:	IONO2X ENGINEERING, L.L.C.
Street Address:	350 North Pekin Road
City:	Woodland
State/Country:	WASHINGTON
Postal Code:	98674
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11345633
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ATTORNEY DOCKET NUMBER:	02332-22343 (25689.CIP)
NAME OF SUBMITTER:	Robert R. Mallinckrodt
Total Attachments: 3 source=25689.CIP#page1.tif source=25689.CIP#page2.tif source=25689.CIP#page3.tif	

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**PATENT**  
**REEL: 017942 FRAME: 0465**

ATTORNEY DOCKET NO. 25689.CIP

**ASSIGNMENT**

WHEREAS, I, **Allan D. Keras**, resident of British Columbia, Canada, and whose postal mailing address is 3005 Ash Street, Abbotsford, B.C., V2S 4G5, CANADA, (hereinafter "Assignor") have invented a certain new and useful

**DIELECTRIC BARRIER DISCHARGE CELL WITH HERMETICALLY SEALED ELECTRODES, APPARATUS AND METHOD FOR THE TREATMENT OF ODOR AND VOLATILE ORGANIC COMPOUND CONTAMINANTS IN AIR EMISSIONS, AND FOR PURIFYING GASES AND STERILIZING SURFACES**

for which an application for United States Letters Patent was filed on January 31, 2006 as THORPE NORTH & WESTERN L.L.P. Docket No. 25689.CIP, and given U.S. Patent Application Serial No. 11/345,633; and

WHEREAS, IONOX ENGINEERING, L.L.C., a limited liability company of the State of Washington, USA, having offices at 350 North Pekin Road, Woodland, Washington 98674, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the same;

NOW, THEREFORE, in consideration of one dollar (\$1.00) and other good and valuable consideration paid to me by the Assignee, the receipt and sufficiency whereof is hereby acknowledged, I the said Assignor, hereby grant and assign unto the said Assignee, my entire right, title and interest in said invention and in all patent applications based thereon, including but not limited to the above identified United States Patent Application and in all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries; the right, power and authority to file and prosecute U.S. and foreign patent applications on said invention, and to do so in its own name wherever such right may be legally exercised, and

including the right to claim the priority and benefits of the International Convention for such applications; and the right to bring actions for infringement of any right in said invention in its own name, including past infringement, in any jurisdiction.

I hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all Letters Patent on said invention to the said Assignee as the owner of my entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I hereby agree, without further consideration and without expense to me, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me to make this Assignment fully effective, including, by way of example but not of limitation, the following: prompt execution of all original, divisional, substitution, reissue, and other United States and foreign patent applications on said invention, and all lawful documents as requested by the Assignee to further the prosecution of any of such patent applications; cooperation to the best of my ability including, but not limited to, the execution of all lawful documents, the production of evidence in any actions or proceedings concerning the invention, including, but not limited to, nullification, reissuing, extension, and infringement proceedings involving said invention.

This assignment and agreement shall be binding upon my heirs and legal representatives.

Dated this 29 day of JUNE 2006 at ABBOTSFORD, BC, CANADA.  
(city, country)

*Allan D. Keras*  
Allan D. Keras

PROVINCE OF BRITISH COLUMBIA )  
CITY OF ABBOTSFORD ) ss

On this 29 day of June, 2006, personally appeared before me Allan D. Keras, signer of the above instrument, who duly acknowledged to me that they executed the same.

*Rodgar K. Nagel*  
Notary Public

**RODGAR K. NAGEL**  
33695 SOUTH FRASER WAY  
ABBOTSFORD, B.C. V2S 2C1  
Barrister & Solicitor