

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
	Klaus Edinger	04/18/2007	
	Lars Markwort	04/19/2007	
RECEIVING PARTY DATA			
Name:	NAWOTEC GMBH		
Street Address:	INDUSTRIESTRASSE 1		
City:	ROSSDORF		
State/Country:	GERMANY		
Postal Code:	64380		
PROPERTY NUMBERS Total: 1			
	Property Type	Number	
	Application Number:	14684607	
CORRESPONDENCE DATA			
Fax Number:	(877)769-7945		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	(617) 542-5070		
Email:	apsi@fr.com		
Correspondent Name:	SEAN P. DALEY		
Address Line 1:	FISH & RICHARDSON P.C.		
Address Line 2:	P.O.BOX 1022		
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022		
ATTORNEY DOCKET NUMBER:	21384-0029005		
NAME OF SUBMITTER:	ALISSA TIZZANO		
SIGNATURE:	/Alissa/		
DATE SIGNED:	06/23/2015		
Total Attachments: 4			
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Attorney Docket No.: 21384-029001

ASSIGNMENT

This Assignment is effective November 15, 2006.

For valuable consideration, we, Klaus Edinger, of Wilhelm Holzamerstrasse 24, 64646 Heppenheim, Germany; and Lars Markwort, of Niebergallweg 5, 64367 Muehlal, Germany; hereby assign to NAWOTEC GMBH, a corporation of Germany, having a place of business at Industriestrasse 1, 64380 Rossdorf, Germany, and its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent by us, Billy W. Ward, John A. Notte IV, Louis S. Farkas III, Randall G. Percival, Raymond Hill, Dirk Aderhold, and Ulrich Mantz, entitled ION SOURCES, SYSTEMS AND METHODS, filed November 15, 2006, and assigned U.S. Serial Number 11/600,361, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 04/18/07

Klaus G.
KLAUS EDINGER

Witnessed by:

Name: Barbara Poppe

Date: 04/18/07

Name: _____

Date: _____

DATE: _____

LARS MARKWORT

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

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ASSIGNMENT

This Assignment is effective November 15, 2006.

For valuable consideration, we, Klaus Edinger, of Wilhelm Holzamerstrasse 24, 64646 Heppenheim, Germany; and Lars Markwort, of Niebergallweg 5, 64367 Muehlthal, Germany; hereby assign to NAWOTEC GMBH, a corporation of Germany, having a place of business at Industriestrasse 1, 64380 Rossdorf, Germany, and its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent by us, Billy W. Ward, John A. Notte IV, Louis S. Farkas III, Randall G. Percival, Raymond Hill, Dirk Aderhold, and Ulrich Mantz, entitled ION SOURCES, SYSTEMS AND METHODS, filed November 15, 2006, and assigned U.S. Serial Number 11/600,361, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: _____

KLAUS EDINGER

Witnessed by:

Name: Kristin Jacobs

Date: 4/18/07

Name: _____

Date: _____

DATE: 19. APRIL 2007



LARS MARKWORT

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

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