

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3014246

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Klaus Edinger	04/18/2007
Lars Markwort	04/19/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NAWOTEC GMBH
<b>Street Address:</b>	INDUSTRIESTRASSE 1
<b>City:</b>	ROSSDORF
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	64380
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14286453
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
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<b>ATTORNEY DOCKET NUMBER:</b>	21384-0029004
<b>NAME OF SUBMITTER:</b>	ALISSA TIZZANO
<b>SIGNATURE:</b>	/Alissa/
<b>DATE SIGNED:</b>	09/09/2014
<b>Total Attachments: 4</b>	
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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: \_\_\_\_\_

ASSIGNMENT

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DATE: \_\_\_\_\_

\_\_\_\_\_  
KLAUS EDINGER

Witnessed by:

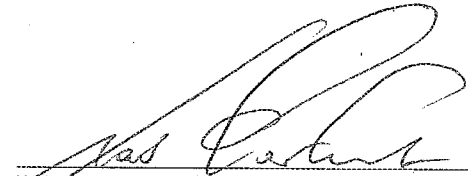
Name: Kristin Jacobs

Date: 4/18/07

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

Date: \_\_\_\_\_

DATE: 19. APRIL 2007

  
\_\_\_\_\_  
LARS MARKWORT

Witnessed by:

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

Date: \_\_\_\_\_

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

Date: \_\_\_\_\_

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