# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Michael J. Renn	02/14/2006
Bruce H. King	01/19/2006
Jason A. Paulsen	02/17/2006

### **RECEIVING PARTY DATA**

Name:	Optomec Design Company
Street Address:	3911 Singer Boulevard, N.E.
City:	Albuquerque
State/Country:	NEW MEXICO
Postal Code:	87109

#### PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	11302091
PCT Number:	US0545394

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	31508-1015
NAME OF SUBMITTER:	Philip D. Askenazy

PATENT REEL: 017482 FRAME: 0553

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#### **ASSIGNMENT OF INVENTION AND PATENT RIGHTS**

Inventor(s):

Michael J. Renn, Bruce H. King, Jason A. Paulsen

Serial No.:

11/302,091

Serial No. PCT/US05/45394

Filing Date:

December 12, 2005

December 13, 2005

For valuable consideration received or to be received, and hereby acknowledged, Michael J. Renn of 893 Willow River Drive, Hudson, Wisconsin 54016, (hereinafter referred to as "Inventor"), hereby sells, assigns and transfers unto Optomec Design Company of 3911 Singer Boulevard, N.E., Albuquerque, New Mexico 87109, its successors and assigns (hereinafter referred to as "Assignee"), the entire interest for the United States of America and all foreign countries, including all rights of priority under the international conventions and treaties, in and to a certain invention or improvement known as *Miniature Aerosol Jet and Aerosol Jet Array*, and described in an applications filed as follows:

- 1) In the United States Patent and Trademark Office on December 12, 2005, as Attorney Docket No. ODC2005-4-NPPA, and given U.S. Patent Application Serial No. 11/302,091, which claims priority of U.S. Patent Application Serial No. 60/635,847 filed November 13, 2004, and of U.S. Patent Application Serial No. 60/669,148 filed April 8, 2005;
- 2) In the U.S. Receiving Office of the Patent Cooperation Treaty on December 13, 2005, as Attorney Docket No. ODC2005-3-PCT, and given Patent Cooperation Treaty Application Serial No. PCT/US05/45394, which claims priority of U.S. Patent Application Serial No. 11/302,091, filed December 12, 2005; of U.S. Patent Application Serial No. 60/635,847 filed November 13, 2004; and of U.S. Patent Application Serial No. 60/669,148 filed April 8, 2005;

and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or on any provisional, utility, divisional, continuing, continuation-in-part, reissue, reexamination or other applications based in whole or in part thereon. And Inventor agrees hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper in Assignee's sole discretion to secure to Assignee the grant of Letters Patent in the United States and/or in other countries as Assignee may determine in its sole discretion, with specifications and claims in such form as shall be approved by Assignee's counsel, and to vest and confirm in Assignee the legal and equitable title and full use and benefit of all such patents.

Inventor further agrees with Assignee that this Assignment covers all processes, specifications, procedures, techniques and other knowledge and information now or hereafter known to Inventor which are not in the public domain and which relate to the above-mentioned invention or improvement, its manufacture, uses or embodiments, or other matters (the "Related Know-How"). Inventor agrees to disclose or provide all Related Know-How to Assignee when discovered or upon request.

Inventor further covenants that Assignee will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to Inventor and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to Assignee or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

Inventor's rights in the above-mentioned invention or improvement and Related Know-How and any patent application(s) and Letters Patent thereon have not been previously assigned, mortgaged or otherwise encumbered, and Inventor has full right, power and authority to assign all such rights to Assignee hereunder.

As used herein, the terms "Inventor" and "Assignee" shall include such parties and their heirs, administrators, estates, successors and assigns of every kind.

Inventor hereby authorizes and requests the Director of the United States Patent and Trademark

Office, and all foreign countries' equivalent officials, to issue such Letters Patent as shall be granted on said application or applications based thereon to Assignee.

DATED this 14 day of February, 2006.

Michael J. Renn

2

STATE OF <u>NISCONSIN</u> )  COUNTY OF <u>ST. CROIX</u> )		
	SS.	
This instrument was acknowledged Michael J. Renn.	before me this // day	of <u>FEBUAR 4</u> , 2006, by
	-Racha)	a & Leann
My commission expires:	Notary Public	
2/26/2007 SEAL		RAD. KEENE
G:\ASSIGN\optomec-miniature-aerosol-ut-assign-knowhow_p	oat.doc DSN 31508-1016	A HOTARY
Michael J. Renn.  My commission expires:  2/21/2007  SEAL	<u>Lavan</u> Notary Public	a Deenuy

## **ASSIGNMENT OF INVENTION AND PATENT RIGHTS**

Inventor(s):

Michael J. Renn, Bruce H. King, Jason A. Paulsen

Serial No.:

11/302,091

Serial No. PCT/US05/45394

Filing Date:

**December 12, 2005** 

**December 13, 2005** 

For valuable consideration received or to be received, and hereby acknowledged, Bruce H. King of 9208 Wallace, N.E., Albuquerque, New Mexico 87109, (hereinafter referred to as "Inventor"), hereby sells, assigns and transfers unto Optomec Design Company of 3911 Singer Boulevard, N.E., Albuquerque, New Mexico 87109, its successors and assigns (hereinafter referred to as "Assignee"), the entire interest for the United States of America and all foreign countries, including all rights of priority under the international conventions and treaties, in and to a certain invention or improvement known as *Miniature Aerosol Jet and Aerosol Jet Array*, and described in an applications filed as follows:

- 1) In the United States Patent and Trademark Office on December 12, 2005, as Attorney Docket No. ODC2005-4-NPPA, and given U.S. Patent Application Serial No. 11/302,091, which claims priority of U.S. Patent Application Serial No. 60/635,847 filed November 13, 2004, and of U.S. Patent Application Serial No. 60/669,148 filed April 8, 2005;
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  PCT/US05/45394, which claims priority of U.S. Patent Application Serial No. 11/302,091, filed

  December 12, 2005; of U.S. Patent Application Serial No. 60/635,847 filed November 13, 2004; and of U.S.

  Patent Application Serial No. 60/669,148 filed April 8, 2005;

and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or on any provisional, utility, divisional, continuing, continuation-in-part, reissue, reexamination or other applications based in whole or in part thereon. And Inventor agrees hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper in Assignee's sole discretion to secure to Assignee the grant of Letters Patent in the United States and/or in other countries as Assignee may determine in its sole discretion, with specifications and claims in such form as shall be approved by Assignee's counsel, and to vest and confirm in Assignee the legal and equitable title and full use and benefit of all such patents.

Inventor further agrees with Assignee that this Assignment covers all processes, specifications, procedures, techniques and other knowledge and information now or hereafter known to Inventor which are not in the public domain and which relate to the above-mentioned invention or improvement, its manufacture, uses or embodiments, or other matters (the "Related Know-How"). Inventor agrees to disclose or provide all Related Know-How to Assignee when discovered or upon request.

Inventor further covenants that Assignee will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to Inventor and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to Assignee or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

Inventor's rights in the above-mentioned invention or improvement and Related Know-How and any patent application(s) and Letters Patent thereon have not been previously assigned, mortgaged or otherwise encumbered, and Inventor has full right, power and authority to assign all such rights to Assignee hereunder.

As used herein, the terms "Inventor" and "Assignee" shall include such parties and their heirs, administrators, estates, successors and assigns of every kind.

Inventor hereby authorizes and requests the Director of the United States Patent and Trademark

Office, and all foreign countries' equivalent officials, to issue such Letters Patent as shall be granted on said application or applications based thereon to Assignee.

DATED this 19 day of Janey, 2006.

Bruce H. King

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STATE OF Chi Melico	)
COUNTY OF Blynalillo	) ss. )
This instrument was acknowle Bruce H. King.	dged before me this 19 day of <u>Januay</u> , 2006, by
-	He rice Ath
My commission expires:	Notary Public
1/29/07	
SEAL	

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## ASSIGNMENT OF INVENTION AND PATENT RIGHTS

Inventor(s):

Michael J. Renn, Bruce H. King, Jason A. Paulsen

Serial No.:

11/302,091

Serial No. PCT/US05/45394

Filing Date:

**December 12, 2005** 

**December 13, 2005** 

For valuable consideration received or to be received, and hereby acknowledged, Jason A. Paulsen of 6928 lvy Court, Centerville, Minnesota 55038, (hereinafter referred to as "Inventor"), hereby sells, assigns and transfers unto Optomec Design Company of 3911 Singer Boulevard, N.E., Albuquerque, New Mexico 87109, its successors and assigns (hereinafter referred to as "Assignee"), the entire interest for the United States of America and all foreign countries, including all rights of priority under the international conventions and treaties, in and to a certain invention or improvement known as *Miniature Aerosol Jet and Aerosol Jet Array*, and described in an applications filed as follows:

- 1) In the United States Patent and Trademark Office on December 12, 2005, as Attorney Docket No. ODC2005-4-NPPA, and given U.S. Patent Application Serial No. 11/302,091, which claims priority of U.S. Patent Application Serial No. 60/635,847 filed November 13, 2004, and of U.S. Patent Application Serial No. 60/669,148 filed April 8, 2005;
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  Attorney Docket No. ODC2005-3-PCT, and given Patent Cooperation Treaty Application Serial No.
  PCT/US05/45394, which claims priority of U.S. Patent Application Serial No. 11/302,091, filed
  December 12, 2005; of U.S. Patent Application Serial No. 60/635,847 filed November 13, 2004; and of U.S.
  Patent Application Serial No. 60/669,148 filed April 8, 2005;

and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or on any provisional, utility, divisional, continuing, continuation-in-part, reissue, reexamination or other applications based in whole or in part thereon. And Inventor agrees hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper in Assignee's sole discretion to secure to Assignee the grant of Letters Patent in the United States and/or in other countries as Assignee may determine in its sole discretion, with specifications and claims in such form as shall be approved by Assignee's counsel, and to vest and confirm in Assignee the legal and equitable title and full use and benefit of all such patents.

Inventor further agrees with Assignee that this Assignment covers all processes, specifications, procedures, techniques and other knowledge and information now or hereafter known to Inventor which are not in the public domain and which relate to the above-mentioned invention or improvement, its manufacture, uses or embodiments, or other matters (the "Related Know-How"). Inventor agrees to disclose or provide all Related Know-How to Assignee when discovered or upon request.

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As used herein, the terms "Inventor" and "Assignee" shall include such parties and their heirs, administrators, estates, successors and assigns of every kind.

Inventor hereby authorizes and requests the Director of the United States Patent and Trademark

Office, and all foreign countries' equivalent officials, to issue such Letters Patent as shall be granted on said application or applications based thereon to Assignee.

DATED this 17 day of TEBELARCY , 2006.

Jason A. Paulsen

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STATE OF Minnesota )
COUNTY OF <u>Hennepin</u> ) ss.
This instrument was acknowledged before me this 17 day of February, 2006, by Jason A. Paulsen.
My commission expires: 31-2010 Notary Public
SEAL JASON RUSSELL BLUME  Notary Public - Minnesota  G:VASSIGN\optomec-miniature-aerosol-ut-assign3-knowbow_patrocc DSN 31508-1016

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**RECORDED: 04/17/2006**