

01-15-2003



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FR SHEET
Y

Commissioner for Patents: Please record the attached original document(s), (ies).

1. Name of conveying party(ies): Robert A. Hasenbein, Paul A. Hoisington, Andreas Bibl and Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Spectra, Inc. 101 Etna Road Lebanon, NH 03766-1422 1-13-03 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 11/19/2002; 11/13/2002; 11/13/2002				
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 10/261,425 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
5. Name/address of party to whom correspondence concerning document should be mailed: WILLIAM E. BOOTH Fish & Richardson P.C. 225 Franklin Street Boston, Massachusetts 02110-2804	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.			
DO NOT USE THIS SPACE				
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <table border="0" style="width: 100%;"> <tr> <td style="width: 30%; vertical-align: bottom;"> William E. Booth <u>Reg. No. 28,933</u> Name of Person Signing </td> <td style="width: 30%; vertical-align: bottom; text-align: center;"> Signature </td> <td style="width: 30%; vertical-align: bottom; text-align: center;"> <u>Jan 6, 2003</u> Date </td> </tr> </table> <p style="text-align: right;">Total number of pages including coversheet, attachments and document: 7</p>		William E. Booth <u>Reg. No. 28,933</u> Name of Person Signing	 Signature	<u>Jan 6, 2003</u> Date
William E. Booth <u>Reg. No. 28,933</u> Name of Person Signing	 Signature	<u>Jan 6, 2003</u> Date		

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

<u>January 6, 2003</u> Date of Deposit	 Signature	<u>Jennifer Leveille</u> Typed Name of Person Signing Certificate
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ASSIGNMENT

For valuable consideration, we, **ROBERT A. HASENBEIN** of **Enfield, NH**, **PAUL A. HOISINGTON** of **Norwich, VT 05055**, and **ANDREAS BIBL** of **Sunnyvale, CA 94085**, hereby assign to: **Spectra, Inc.**, a corporation of **Delaware** having a place of business at:

101 Etna Road
Lebanon, NH 03766-1422; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled **DROPLET EJECTION DEVICE**, filed **September 30, 2002**, and assigned U.S. Serial Number **10/261,425**, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; 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.

IN WITNESS WHEREOF, I hereto set my hand and seal at Lebanon, NH,
this 19 day of November, 2002.

Robert A. Hasenbein L.S.
ROBERT A. HASENBEIN

State of New Hampshire

: ss.

County of Grafton :

Before me this 19th day of November, 2002, personally appeared
ROBERT A. HASENBEIN known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Rachel A. Muller
Notary Public
My Commission Expires: 8/18/2004

[Notary's Seal Here]

Attorney Docket No: 09991-039001/

IN WITNESS WHEREOF, I hereto set my hand and seal at Santa Clara, CA,
this 13th day of November, 2002.

Paul A. Hoisington _____ L.S.
PAUL A. HOISINGTON

State of _____ :
: ss.

County of _____ :

Before me this _____ day of _____, 2002, personally appeared
PAUL A. HOISINGTON known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Notary Public
My Commission Expires:

[Notary's Seal Here]

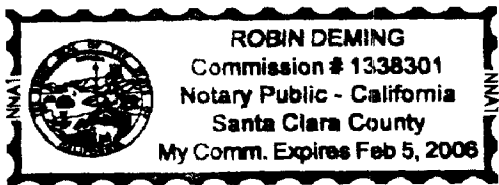
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California }
County of SANTA CLARA } ss.

On NOV. 13, 2002, before me, ROBIN DEMING, NOTARY PUBLIC,
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared PAUL A. HOISINGTON,
Name(s) of Signer(s)

personally known to me
 proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.

Robin Deming
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: PATENT ASSIGNMENT DROPLET EJECTION DEVICE

Document Date: ATM Doc# 09991-039001 Number of Pages: _____

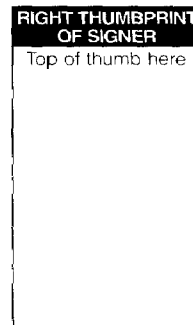
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____

Signer Is Representing: _____



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

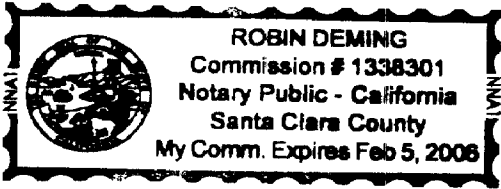
County of SANTA CLARA } ss.

On NOV. 13, 2002, before me, ROBIN DEMING, NOTARY PUBLIC
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared ANDREAS BIBL
Name(s) of Signer(s)

- personally known to me
- proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.

Robin Deming
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: PATENT ASSIGNMENT DIAPLET EJECTION DEVICE

Document Date: ATTNY Doc# 09991-039001 Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____

Signer Is Representing: _____

