

05-25-2005

Substitute Form PTO-1595
Attorney Docket No.: 09991-112002

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112959 U.S. PTO
11/130533



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

1. Name of conveying party(ies):
Paul A. Hoisington, Mel Biggs and Steven H. Barss
Additional name(s) attached? Yes No

2. Name and address of receiving party(ies):
Spectra, Inc.
101 Etna Road
Lebanon, New Hampshire 03766-1422
Additional names/addresses attached? Yes No

3. Nature of conveyance:
 Assignment
 Merger
 Security Agreement
 Change of Name
 Other:
Execution Date: August 26, 2003; August 25, 2003; August 26, 2003

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):
B: Patent No(s):
Additional numbers attached? Yes No

6. Total number of applications/patents involved: 1
7. Total fee (37 CFR §3.41): \$40
 Enclosed
 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.

5. Name/address of party to whom correspondence concerning document should be mailed:
FRANK R. OCCHIUTI
Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804

DO NOT USE THIS SPACE

9. Statement and Signature: *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.*

Frank R. Occhiuti
Reg. No. 35,306
Name of Person Signing

Signature

May 16, 2005
Date

Total number of pages including coversheet, attachments and document: 5

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CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV 410 708 378 US

Date of Deposit: May 16, 2005

PATENT
REEL: 016585 FRAME: 0652

ASSIGNMENT

For valuable consideration, we, PAUL A. HOISINGTON of Norwich, Vermont,
MELVIN L. BIGGS of Norwich, Vermont, STEVEN H. BARSS of Wilmot Flat, NH, 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 APPARATUS FOR DEPOSITING DROPLETS, filed June 13, 2003, and assigned U.S. Serial Number 10/462,092, 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 26th day of August, 2003

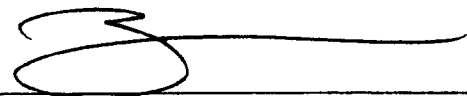
Paul A. Hoisington L.S.
PAUL A. HOISINGTON

State of New Hampshire

: ss.

County of Grafton :

Before me this 26 day of August, 2003, 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
NANCY E. CLOUD, Commissioner of Deeds
My Commission Expires ~~My~~ Commission Expires May 21, 2008

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Lebanon, N.H.,
this 25TH day of August, 2003

Melvin L. Biggs L.S.
MELVIN L. BIGGS

State of New Hampshire

: ss.

County of Grafton :

Before me this 25th day of August, 2003, personally
appeared MELVIN L. BIGGS 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's Seal Here]

[Signature]
Notary Public

My Commission Expires:

NANCY E. CLOUD, Commissioner of Deeds
My Commission Expires May 21, 2008

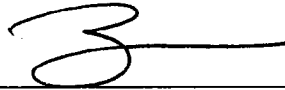
IN WITNESS WHEREOF, I hereto set my hand and seal at Lobanon NH,
this 26 day of August, 2003
Steven H. Barss L.S.
STEVEN H. BARSS

State of New Hampshire

: ss.

County of Grafton :

Before me this 26 day of August, 2003, personally
appeared STEVEN H. BARSS 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]

NANCY E. CLOUD, Commissioner of Deeds
My Commission Expires May 21, 2008

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