

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>David R. Grose</td><td>06/15/1999</td></tr><tr><td>Nathan Hine</td><td>06/15/1999</td></tr><tr><td>Paul Hoisington</td><td>06/15/1999</td></tr><tr><td>Peter N. Wallis</td><td>06/15/1999</td></tr><tr><td>Yong Zhou</td><td>06/15/1999</td></tr></tbody></table>	Name	Execution Date	David R. Grose	06/15/1999	Nathan Hine	06/15/1999	Paul Hoisington	06/15/1999	Peter N. Wallis	06/15/1999	Yong Zhou	06/15/1999	
Name	Execution Date												
David R. Grose	06/15/1999												
Nathan Hine	06/15/1999												
Paul Hoisington	06/15/1999												
Peter N. Wallis	06/15/1999												
Yong Zhou	06/15/1999												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Spectra, Inc.</td></tr><tr><td>Street Address:</td><td>88 Etna Road</td></tr><tr><td>City:</td><td>Hanover</td></tr><tr><td>State/Country:</td><td>NEW HAMPSHIRE</td></tr><tr><td>Postal Code:</td><td>03755</td></tr></table>	Name:	Spectra, Inc.	Street Address:	88 Etna Road	City:	Hanover	State/Country:	NEW HAMPSHIRE	Postal Code:	03755			
Name:	Spectra, Inc.												
Street Address:	88 Etna Road												
City:	Hanover												
State/Country:	NEW HAMPSHIRE												
Postal Code:	03755												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12326637</td></tr></tbody></table>	Property Type	Number	Application Number:	12326637									
Property Type	Number												
Application Number:	12326637												
CORRESPONDENCE DATA													
Fax Number: (877)769-7945 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 617-542-5070													
Email: zynda@fr.com													
Correspondent Name: Mary J. Zynda													
Address Line 1: P.O. Box 1022													
Address Line 2: Fish & Richardson P.C.													
Address Line 4: Minneapolis, MINNESOTA 55440-1022													
ATTORNEY DOCKET NUMBER:	09991-0003005												
NAME OF SUBMITTER:	Mary J. Zynda												
Total Attachments: 3 source=09991_0003005_assign_inventors_Spectra#page1.tif source=09991_0003005_assign_inventors_Spectra#page2.tif source=09991_0003005_assign_inventors_Spectra#page3.tif													

CH \$40.00 12326637

501579002

PATENT
REEL: 026514 FRAME: 0283

ASSIGNMENT

For valuable consideration, we, David R. Grose, of Hanover, NH; Nathan Hine of S. Strafford, VT; Paul Hoisington of Norwich, VT; Peter N. Wallis of Norwich, VT; Yong Zhon of Hanover, NH; and of hereby assign to Spectra, Inc., a Delaware corporation having a place of business at 88 Etna Road, Hanover, NH 03755, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest, including, without limitation, the right to sue for past infringement, throughout the world in the inventions and improvements, which are subject of an application for United States Patent signed by us, entitled SINGLE-PASS INKJET PRINTING, filed March 26, 1999, and assigned U.S. Serial Number 09/277,839, 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, and 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 Hanover, NH
this 15 day of June, 1999

David R. Grose L.S.
David R. Grose

STATE OF New Hampshire:

COUNTY OF GRAFTON: ss.

Before me this 15 day of June, 1999, personally appeared

David R. Grose known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Kimberly A. Nardine
Notary Public

My Commission Expires: KIMBERLY ANNE NARDINE, Commissioner of Deeds
My Commission Expires November 6, 2002

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Hanover, NH
this 15 day of June, 1999

Nathan Hine L.S.

STATE OF New Hampshire:

COUNTY OF Grafton:
:ss.

Before me this 15 day of June, 1999, personally appeared

Nathan Hine known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Hanover, NH
this 15th day of June, 1999

Paul Hoisington L.S.
Paul Hoisington

STATE OF New Hampshire:

COUNTY OF Grafton:
:ss.

Before me this 15th day of June, 1999, personally appeared

Paul Hoisington known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

My Commission Expires:

KIMBERLY ANNE NARDINE, Commissioner of Deeds
My Commission Expires November 6, 2002

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Hanover, NH
this 15 day of June, 1999

Peter N. Wallis L.S.
Peter N. Wallis

STATE OF New Hampshire;

COUNTY OF Grafton :ss.

Before me this 15 day of June, 1999, personally appeared

Peter N. Wallis known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Kimberly Anne Nardine
Notary Public

[Notary's Seal Here]

My Commission Expires: KIMBERLY ANNE NARDINE, Commissioner of Deeds
My Commission Expires November 6, 2002

IN WITNESS WHEREOF, I hereto set my hand and seal at Hanover, NH
this 15 day of June, 1999

Yong Zhou L.S.
Yong Zhou

STATE OF New Hampshire;

COUNTY OF Grafton :ss.

Before me this 15th day of June, 1999, personally appeared

Yong Zhou known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Kimberly Anne Nardine
Notary Public

[Notary's Seal Here]

My Commission Expires: KIMBERLY ANNE NARDINE, Commissioner of Deeds
My Commission Expires November 6, 2002