

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 70%;">Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Deane A. Gardner</td><td>10/13/2004</td></tr><tr><td>Philip Hsueh</td><td>10/14/2004</td></tr></tbody></table>		Name	Execution Date	Deane A. Gardner	10/13/2004	Philip Hsueh	10/14/2004
Name	Execution Date						
Deane A. Gardner	10/13/2004						
Philip Hsueh	10/14/2004						
RECEIVING PARTY DATA							
Name:	Spectra, Inc.						
Street Address:	101 Etna Road						
City:	Lebanon						
State/Country:	NEW HAMPSHIRE						
Postal Code:	03766-1422						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 30%;">Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13040836</td></tr></tbody></table>		Property Type	Number	Application Number:	13040836		
Property Type	Number						
Application Number:	13040836						
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:	bechet@fr.com						
Correspondent Name:	Yina Mo						
Address Line 1:	FISH & RICHARDSON P.C.						
Address Line 2:	P.O.BOX 1022						
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022						
ATTORNEY DOCKET NUMBER:	09991-0170002						
NAME OF SUBMITTER:	Nancy Bechet						
Total Attachments: 3 source=assignment09991170002#page1.tif source=assignment09991170002#page2.tif source=assignment09991170002#page3.tif							

CH \$40.00 13040836

ASSIGNMENT

For valuable consideration, we, Deane A. Gardner, of Cupertino, California; Philip Hsueh, of Fremont, CA; hereby assign to SPECTRA, INC., a Delaware corporation, having a place of business at 101 Etna Road, Lebanon, New Hampshire 03766-1422, United States of America, 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 DATA PUMP FOR PRINTING, filed _____, and assigned U.S. Serial Number _____, 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.

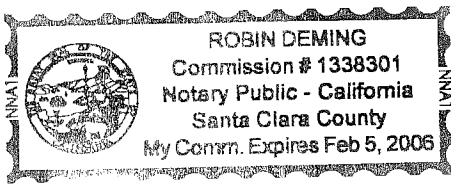
DATE: 10/14/04

Philip Hsueh
PHILIP HSUEH

STATE OF CALIFORNIA)
) SS.
COUNTY OF SANTA CLARA)

On OCTOBER 14, 2004, before me, the undersigned, a notary public for the State of CA personally appeared PHILIP HSUEH appeared personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within Assignment, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the Assignment the person or the entity upon behalf of which the person acted executed the Assignment.

WITNESS my hand and official seal.



Robin Deming
Notary Public