
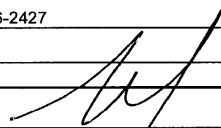


06-03-2005

U.S. Department of COMMERCE  
United States Patent and Trademark Office

<b>6-1-05</b> <b>R</b>  <b>103014402</b>	
To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.	
<b>1. Name of conveying party(ies)/Execution Date(s):</b> Sandra J. GRAVESON Alan MENARD  Execution Date(s) <u>5/23/2005 and 5/03/2005</u> Additional name of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>Heidelberger Druckmaschinen AG</u> Internal Address: _____ Street Address: <u>Kurfuersten-Anlage 52-60</u> City: <u>Heidelberg</u> State: _____ Country: <u>Germany</u> Zip: <u>69115</u> Additional Name(s) & address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application number(s) or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/095,239</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>5. Name and address of party to whom correspondence concerning this document should be mailed:</b> Name: <u>Davidson, Davidson &amp; Kappel, LLC</u> Internal Address: <u>William C. Gehris</u> Street Address: <u>485 Seventh Avenue</u> City: <u>New York</u> State: <u>NY</u> Zip: <u>10018</u> Phone Number: <u>212-736-1940</u> Fax Number: <u>212-736-2427</u> Email Address: _____	<b>6. Total number of applications and patents involved:</b> <u>1</u> <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) <b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>50-0552</u> Authorized User Name <u>William Gehris No. 38,156</u>
<b>9. Signature :</b>  Cary S. Kappel, Reg. No. 36,561	Date <u>May 26, 2005</u> Total number of pages including cover sheet, attachments, and documents <u>5</u>

06/02/2005 DAYTIME 00000070/41095239 Person Signing

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Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**PATENT**  
**REEL: 016618 FRAME: 0860**

**2. Name and address of receiving party(ies)**

Name: Spectra, Inc.

Internal Address:

Street Address: 101 Etna Road

City: Lebanon

State: NH

Country: US

Zip: 03766

Additional Name(s) & address(es) attached? ☒ Yes ☐ No

### ASSIGNMENT

WHEREAS, I (We), **Sandra J. GRAVESON**, residing at 121 Jones Hill Road, Enfield, NH 03748, and **Alan MENARD**, residing at 103 Fitts Road, Ashford, CT 06278, ASSIGNOR(S), have invented certain new and useful improvements in **INK JET DEVICE WITH INDIVIDUAL SHUT-OFF**, an application for a Patent of the United States for which:

       I (we) am (are) about to execute;  
was executed on \_\_\_\_\_ (date(s));  
X is identified by Davidson, Davidson & Kappel, LLC, Docket No. 601.1002;  
was filed on \_\_\_\_\_ Serial No. \_\_\_\_\_  
X I (we) hereby authorize and request our attorney, Davidson, Davidson & Kappel, LLC of 485 Seventh Avenue, 14<sup>th</sup> Floor, New York, New York 10018 to insert here in parentheses (Application number 11/095,239, filed 03/31/2005) the filing date and application number of said application when known; and

WHEREAS, **Heidelberger Druckmaschinen AG**, Kurfuersten-Anlage 52-60, 69115 Heidelberg, Germany, and **Spectra, Inc.**, 101 Etna Road, Lebanon, NH 03766, U.S.A., ASSIGNEES, are desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me (us) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we), the said ASSIGNOR(S), have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and

I (WE) HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

Docket No.: 601.1001

I (WE) HEREBY covenant and agree that I (we) have full right to convey the entire interest herein assigned, and that I (we) have not executed, and will not execute, any agreement in conflict herewith; and


I (WE) HEREBY further covenant and agree that I (we) will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I (we) hereunto set my (our) hand(s) and seal(s) the day and year set opposite my (our) signature(s).

Dated: 5-23-05

  
Sandra J. GRAVESON

Dated: 5-3-2005

  
Alan MENARD