

ATTORNEY DOCKET NO.: CHE01 020

**PATENT CONVEYANCE RECORDATION COVER SHEET**

To the Honorable Commissioner of Patents and Trademarks:  
**Mail Stop Assignment Recordation Services**

Please record the attached original document or copy thereof.

|  |  |
|--|--|
| Name of conveying party(ies):<br><br>David Tuschel<br>Thomas C. Voigt<br><br>Additional name(s) of conveying party(ies) attached?<br><br>Yes ___ No <u>X</u> | Name and address of receiving party(ies):<br><br><u>ChemImage Corporation</u><br><br><u>7301 Penn Avenue</u><br><br>City: <u>Pittsburgh</u><br><br>State: <u>Pennsylvania 15208</u><br><br>Additional name(s) and address(es) attached?<br><br>Yes ___ No <u>X</u> |
|--|--|

Nature of conveyance:

Assignment
  Merger  
 Security Agreement
  Change of Name  
 Execution Date: (May 23, 2005 and May 27, 2005)


Total number of applications and patents involved: 1

A. Patent Application No.: 10/920,320  
 Filing Date: August 18, 2004

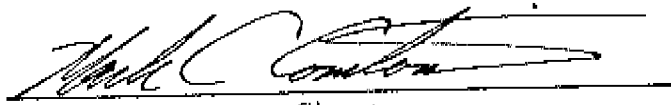
|  |  |
|--|--|
| Name and address of party to whom correspondence concerning document should be mailed:<br><br>Name: <u>Mark C. Comtois</u><br><br>Address: <u>DUANE MORRIS LLP</u><br><u>1667 K Street, N.W., Suite 700</u><br><u>Washington, D.C. 20006</u> | The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 04-1679. A duplicate of this sheet is enclosed.<br><br>Total fee (37 C.F.R. 3.41): <u>\$40.00</u><br><br><input checked="" type="checkbox"/> Enclosed<br><input type="checkbox"/> Authorized to be charged to deposit account |
|--|--|

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.

  
Signature

  
Date

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.

A handwritten signature in black ink, appearing to be "Mark Conlon", written over a horizontal line.

Signature

A handwritten date "8 NOV 05" written over a horizontal line.

Date

**ASSIGNMENT**

Insert Name(s) of Inventor(s) David TUSCHEL  
Thomas C. VOIGT

In consideration for good and valuable considerations, the receipt of which is acknowledged by each of the undersigned, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to

Insert name of Assignee ChemImage Corp.  
Insert address of Assignee 7301 Penn Avenue  
Pittsburgh, Pennsylvania 15208

and its successors, legal representatives and assigns (hereinafter designated as the Assignee) the entire right, title and interest in the invention disclosed and/or claimed in the United States application identified below, as well as all applications for patent and any Letters Patent which may be granted therefore in the United States of America and all foreign countries, and in and to any and all divisions, continuations, continuations-in-part of said applications, or re-issues or extensions of said patents or Letters Patent, and all rights under the International Convention for the Protection of Industrial Property:

Insert Identification of METHOD AND APPARATUS FOR CHEMICAL IMAGING  
IN A MICROFLUIDIC CIRCUIT  
Docket Number, or Foreign Docket No. (CHE01 020)  
Application Number  
Insert date of signing of \_\_\_\_\_  
application  
Alternative identification Application Number: 10/920,320  
for filed applications Filed: August 18, 2004

The undersigned further agree(s) to cooperate with the Assignee in every way possible and to do all affirmative acts, and to execute all papers which counsel for Assignee shall advise are necessary and/or desirable without charge to Assignee in connection with said applications including, without limitation, the execution of separate assignments in connection with such applications, claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to said Assignee, as Assignee of the entire interest, and hereby covenants that he/she has (they have) full right to convey the entire interest herein assigned, and that he/she has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) to Mark C. Comtois, Reg. No. 46,285; L. Lawton Rogers, III, Reg. No. 24,302; D. Joseph English, Reg. No. 42,514; and Patrick D. McPherson, Reg. No. 46,255 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 5/23/2005

Signature of Inventor David Tuschel  
David TUSCHEL

Date 5/27/2005

Signature of Inventor TCV  
Thomas C. VOIGT

---

**Duane Morris\***

DUANE MORRIS LLP  
1667 K STREET, N.W., SUITE 700  
WASHINGTON, D.C. 20006-1608  
PHONE: 202.776.7800  
FAX: 202.776.7801

---

**FACSIMILE TRANSMITTAL SHEET**

---

**TO:** ASSIGNMENT SERVICES

**FIRM/COMPANY:** USPTO

**FACSIMILE NUMBER:** 571.273.0140

**CONFIRMATION  
TELEPHONE:**

**FROM:** Mark C. Comtois

**DIRECT DIAL:** 202.776.7800

**DATE:** November 8, 2005

**USER NUMBER:** 4208

**FILE NUMBER:** E2079-00064

**TOTAL # OF PAGES:** 12  
(INCLUDING COVERSHEET)

**MESSAGE:**

**NOTE:** Original will not follow

**CONFIDENTIALITY NOTICE**

THIS FACSIMILE TRANSMISSION IS PRIVILEGED AND CONFIDENTIAL AND IS INTENDED ONLY FOR THE REVIEW OF THE PARTY TO WHOM IT IS ADDRESSED. IF YOU HAVE RECEIVED THIS TRANSMISSION IN ERROR, PLEASE IMMEDIATELY TELEPHONE THE SENDER ABOVE TO ARRANGE FOR ITS RETURN, AND IT SHALL NOT CONSTITUTE WAIVER OF THE ATTORNEY-CLIENT PRIVILEGE.

If there is a problem with this transmission, please call us as soon as possible at 202.776.7800.

**PATENT  
REEL: 016990 FRAME: 0167**

PTO/SB/21 (09-04)


Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|  |                      |                        |           |
|--|----------------------|------------------------|-----------|
| <h2>TRANSMITTAL FORM</h2> <p><i>(to be used for all correspondence after initial filing)</i></p> | Application Number   | 10/920,320             |           |
|  | Filing Date          | August 18, 2004        |           |
|  | First Named Inventor | David TUSCHEL          |           |
|  | Art Unit             | 2877                   |           |
|  | Examiner Name        | Unassigned             |           |
| Total Number of Pages in This Submission   | //                   | Attorney Docket Number | CHE01 020 |

| ENCLOSURES (Check all that apply)   |   |  |
|---|---|--|
| <input type="checkbox"/> Fee Transmittal Form                             | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> After Allowance Communication to TC   |
| <input type="checkbox"/> Fee Attached                                     | <input type="checkbox"/> Licensing-related Papers   | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  |
| <input type="checkbox"/> Amendment/Reply                                  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  |
| <input type="checkbox"/> After Final                                      | <input type="checkbox"/> Petition to Convert to a Provisional Application   | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                        | <input type="checkbox"/> Power of Attorney, Revocation  | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                        | <input type="checkbox"/> Change of Correspondence Address   | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  |
| <input type="checkbox"/> Express Abandonment Request                      | <input type="checkbox"/> Terminal Disclaimer  | Response to Notice of Non-Recordation of Document, including the original Patent Convoyance Recordation Cover Sheet and an executed Assignment |
| <input type="checkbox"/> Information Disclosure Statement                 | <input type="checkbox"/> Request for Refund   |  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)           | <input type="checkbox"/> CD, Number of CD(s) _____  |  |
| <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application   | <input type="checkbox"/> Landscape Table on CD  |  |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | Remarks   |  |
|   | The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 04-1679. A duplicate copy of this sheet is enclosed. |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |                 |
|--|---|-----------------|
| Firm Name                                  | DUANE MORRIS LLP  |                 |
| Signature                                  |  |                 |
| Printed name                               | Mark C. Comtois   |                 |
| Date                                       | November 8, 2005  | Reg. No. 46,285 |

| CERTIFICATE OF TRANSMISSION/MAILING   |  |      |
|---|--|------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: |  |      |
| Signature   |  | Date |
| Typed or printed name   |  |      |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/21 (09-04)

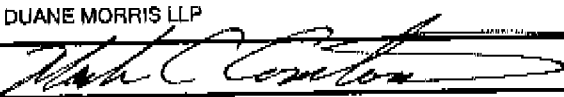
Approved for use through 07/31/2006. OMB 0654-0031  
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

*(Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.)*

|  |                      |                        |           |
|--|----------------------|------------------------|-----------|
| <b>TRANSMITTAL FORM</b>                  | Application Number   | 10/920,320             |           |
|  | Filing Date          | August 18, 2004        |           |
|  | First Named Inventor | David TUSCHEL          |           |
|  | Art Unit             | 2877                   |           |
|  | Examiner Name        | Unassigned             |           |
| Total Number of Pages in This Submission |                      | //                     |           |
|  |                      | Attorney Docket Number | CHE01 020 |

*(to be used for all correspondence after initial filing)*

| ENCLOSURES (Check all that apply)  |  |   |
|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify<br>below):<br>Response to Notice of Non-Recordation of<br>Document, including the original Patent<br>Conveyance Recordation Cover Sheet and<br>an executed Assignment |
| Remarks<br>The Commissioner is hereby authorized to charge payment of any additional fees associated<br>with this communication or credit any overpayment to Deposit Account No. 04-1679. A<br>duplicate copy of this sheet is enclosed.   |  |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |          |        |
|--|---|----------|--------|
| Firm Name                                  | DUANE MORRIS LLP  |          |        |
| Signature                                  |  |          |        |
| Printed name                               | Mark C. Comtois   |          |        |
| Date                                       | November 8, 2005  | Reg. No. | 46,285 |

| CERTIFICATE OF TRANSMISSION/MAILING   |  |      |  |
|---|--|------|--|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with<br>sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on<br>the date shown below: |  |      |  |
| Signature   |  |      |  |
| Typed or printed name   |  | Date |  |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*



ATTORNEY DOCKET NO. CHE01 020**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Patent Application of: David TUSCHEL et al.

Serial No.: 10/920,320

Art Unit: 2877

Filed: August 18, 2004

Examiner: Unassigned

Title: METHOD AND APPARATUS FOR CHEMICAL IMAGING IN A  
MICROFLUIDIC CIRCUIT**RESPONSE TO NOTICE OF NON-RECORDATION  
OF DOCUMENT**

---

**Mail Stop -- Box Assignment**  
The Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

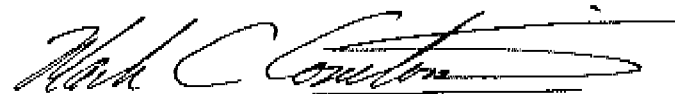
Sir:

Responsive to the Notice of Non-Recordation of Document, Document ID# 103023300, mailed October 27, 2005, Applicants herewith resubmit the Patent Conveyance Recordation Cover Sheet reflecting the corrected information, i.e., the Signature and Date, including a copy of the Notice of Non-Recordation of Document and the original Patent Conveyance Recordation Cover Sheet showing the official date stamp by the OIPE and the official date of receipt under 37 CFR 3.51. The original Patent Conveyance Recordation Cover Sheet also indicates that the Recordation Fee of \$40.00 has been received. No additional fee is required.

If a Petition for an Extension of Time is necessary for the paper transmitted herewith to be timely filed, this transmittal is to be considered as a petition to extend the response period by the amount of time needed for the paper to be timely filed.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 04-1679.

Respectfully submitted,



|                       |                 |
|-----------------------|-----------------|
| Mark C. Comtois       | Reg. No. 46,285 |
| L. Lawton Rogers, III | Reg. No. 24,302 |
| D. Joseph English     | Reg. No. 42,514 |
| Patrick D. McPherson  | Reg. No. 46,255 |

DUANE MORRIS LLP  
1667 K Street, N.W., Suite 700  
Washington, DC 20006  
Telephone: (202) 776-7800  
Telecopier: (202) 776-7801

Dated: November 8, 2005

WSI\147627.1