

Form PTO-1595 (Rev. 07/05)  
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## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Sean P. Fitzgerald; David J. Hesse; Thomas D. Yuschak; Bin Yang

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 2-02-06; 2-13-06; 2-02-06; 2-02-06

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: Velocys, Inc.

Internal Address: \_\_\_\_\_

Street Address: 7950 Corporate Blvd.

City: Plain City

State: Ohio

Country: USA Zip: 43084

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

**4. Application or patent number(s):**

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/222,604

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: William B. Richards

Internal Address: Battelle Memorial Institute

Street Address: 505 King avenue

City: Columbus

State: Ohio Zip: 43201-2693

Phone Number: 614-424-5612

Fax Number: 614-424-3864

Email Address: richardsw@battelle.org

**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

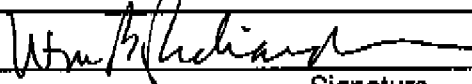
**8. Payment Information**

a. Credit Card Last 4 Numbers 9877  
 Expiration Date 12/2006

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**



Signature

02-21-2006

Date

William B. Richards  
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

9

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

**PATENT**

700245249

REEL: 017277 FRAME: 0923

OP \$40.00 10222604

**ASSIGNMENT**

Sean P. Fitzgerald  
David J. Hesse  
Thomas D. Yuschak  
Bin Yang  
to  
Velocys, Inc.

WHEREAS we, **Sean P. Fitzgerald**, of **Columbus**, in the County of **Franklin**, and State of **Ohio**, **David J. Hesse**, of **Columbus**, in the County of **Franklin**, and State of **Ohio**, **Thomas D. Yuschak**, of **Lewis Center**, in the County of **Delaware**, and State of **Ohio**, and **Bin Yang**, of **Columbus**, in the County of **Franklin**, and State of **Ohio** have made certain inventions in **Multi-Stream Microchannel Device**, the specification of which was filed on **08/15/2002** as application serial no. **10/222,604**; and

WHEREAS, Battelle Memorial Institute, a corporation of Ohio, having a place of business at 505 King Avenue, Columbus, Ohio, herein called "ASSIGNEE", is desirous of acquiring our entire right, title, and interest in said invention and application therefor, and in any patent or patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the said Assignee, our entire right, title, and interest in and to the invention shown, described, or claimed therein, and the full and exclusive right and title to the said application executed by us, preparatory to obtaining Letters Patent of the United States therefor; and in and to any extensions, reissues, divisions, or renewals thereof; and we do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Assignee, as the assignee of our entire right, title, and interest in and to the same for the sole use and behoof of the said Assignee, and its successors or assigns.

And we further covenant and agree that we will, at the request and expense of the said Assignee, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that we will, at the request and expense of the said Assignee, execute such application papers as may be desired by the said Assignee for the filing of any division or renewal of the application herein conveyed, or for the reissues or extensions of any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Assignee.

And we further assign unto the said Assignee our whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said assignee, as well as all other necessary papers.

## ASSIGNMENT

Sean P. Fitzgerald  
 David J. Hesse  
 Thomas D. Yuschak  
 Bin Yang  
 to  
 Velocys, Inc.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Plain City <sup>not</sup> ~~Columbus~~ Ohio  
 this 2 day of February, 2006.

Sean Fitzgerald  
 Sean P. Fitzgerald

STATE OF OHIO)

:SS Union  
 COUNTY OF FRANKLIN) <sup>not</sup>

This 2<sup>nd</sup> day of February, 2006, before me, a Notary Public in and for the County aforesaid, personally appeared Sean P. Fitzgerald, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his voluntary act and deed, and that he executed the same for the uses and purposes therein set forth.



Bettyann Hale, Notary Public  
 State of Ohio  
 My Commission Expires 9/25/2010

Betty Hale  
 Notary Public

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio  
 this 13 day of Feb, 2006.

David J. Hesse  
 David J. Hesse

STATE OF OHIO)

:SS  
 COUNTY OF FRANKLIN)

This 13<sup>th</sup> day of Feb, 2006, before me, a Notary Public in and for the County aforesaid, personally appeared David J. Hesse, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his voluntary act and deed, and that he executed the same for the uses and purposes therein set forth.



BRENDA BLOCK KOONE  
 NOTARY PUBLIC, STATE OF OHIO  
 MY COMMISSION EXPIRES MAY 18, 2008

Brenda Block Koone  
 Notary Public

## ASSIGNMENT

Sean P. Fitzgerald  
David J. Hesse  
Thomas D. Yuschak  
Bin Yang  
to  
Velocys, Inc.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Plain City, Ohio  
this 2 day of Feb, 2006.

  
Thomas D. Yuschak

STATE OF OHIO)

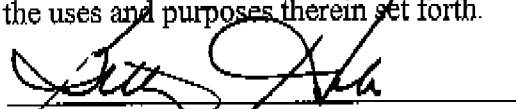
:SS

COUNTY OF UNION)


This 2nd day of February, 2006, before me, a Notary Public in and for the County aforesaid,  
personally appeared **Thomas D. Yuschak**, personally known to me and known to be the person  
described in and who executed the foregoing assignment and acknowledged the same to be his  
voluntary act and deed, and that he executed the same for the uses and purposes therein set forth.



Bettyann Hale Notary Public  
State of Ohio  
My Commission Expires 9/25/2010

  
Notary Public

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Plain City, Ohio  
this 2th day of Feb., 2006.

  
Bin Yang

STATE OF OHIO)

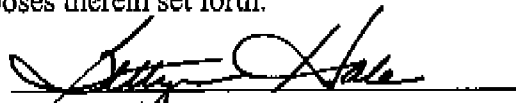
:SS

COUNTY OF UNION)

This 2 day of February, 2006, before me, a Notary Public in and for the County aforesaid,  
personally appeared **Bin Yang**, personally known to me and known to be the person described in  
and who executed the foregoing assignment and acknowledged the same to be his voluntary act and  
dced, and that he executed the same for the uses and purposes therein set forth.



Bettyann Hale Notary Public  
State of Ohio  
My Commission Expires 9/25/2010

  
Notary Public