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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gary L. Roberts	01/29/2003

RECEIVING PARTY DATA

Name:	Battelle Memorial Institute	
Street Address:	902 Battelle Blvd.	
Internal Address:	P. O. Box 999	
City:	Richland	
State/Country:	WASHINGTON	
Postal Code:	99352	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10306722

CORRESPONDENCE DATA

Fax Number: (614)733-3301

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 6147333313
Email: silva@velocys.com
Correspondent Name: Laura J. Silva

Address Line 1: 7950 Corporate Blvd
Address Line 4: Plain City, OHIO 43064

ATTORNEY DOCKET NUMBER: 01003

NAME OF SUBMITTER: Frank Rosenberg

Total Attachments: 2

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PATENT REEL: 021383 FRAME: 0890

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ASSIGNMENT

01-003

Gary L. Roberts to Battelle Memorial Institute

WHEREAS I, Gary L. Roberts of West Richland, in the County of Benton, and State of Washington, have made certain inventions in MICROCHANNEL APPARATUS, METHODS OF MAKING MICROCHANNEL APPARATUS, AND PROCESSES OF CONDUCTING UNIT OPERATIONS, the specification of which was filed on November 27, 2002 as application serial no. 10/306,722; 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.

01-003

Gary L. Roberts

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Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Richland, Washington this 29 day of $\overline{J_{anusyy}}$, 2003.

Gary L. Roberts

STATE OF WASHINGTON)

SS

COUNTY OF BENTON)

This 29 day of Garace, 2003, before me, a Notary Public in and for the County aforesaid, personally appeared GARY L. ROBERTS, 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.

Notary Public

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PATENT REEL: 021383 FRAME: 0892

RECORDED: 08/13/2008