

01-02-2004



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FINANCE SECTION

RECORDATION FOR COV. ... PATENTS ONLY Form PTO-1619A

Our File No. 02-004

TO: The commissioner of patents and trademarks: Please record the attached original document(s) or copy(ies).

1. SUBMISSION TYPE

☒ New
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2. CONVEYANCE TYPE (# Of Pages) (# of Items)

☒ Assignment 2 1
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☐ Name Change _____
☐ Other _____

3a. PATENT OR APP. # 10/279,089**3b. EXECUTION DATE:****4. CONVEYING PARTY(IES)**

1. Yong Wang	Date _____	7. _____	Date _____
2. _____	Date _____	8. _____	Date _____
3. _____	Date _____	9. _____	Date _____
4. _____	Date _____	10. _____	Date _____
5. _____	Date _____	11. _____	Date _____
6. _____	Date _____	12. _____	Date _____

5. RECEIVING PARTY

Name: Battelle Memorial Institute
 Internal Address: _____
 Street Address: 505 King Avenue
 City: Columbus State: OH Zip: 43201
 Any additional names of conveying parties attached? ☐ Yes
☒ No

6. CORRESPONDENT NAME AND ADDRESS

Name: William Richards
 Street Address: 505 King Avenue
 City: Columbus State: OH Zip: 43201
 Area Code and Phone Number: (614) 424-5612

7. FEE & DEPOSIT ACCOUNT #

Method Of Payment:
☒ Enclosed ☐ Deposit Account \$ 40.00
 Deposit Account Number: # 50-1749
 Authorization to charge additional fees: ☒ Yes
☐ No

8. STATEMENT AND SIGNATURE

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. Charges to deposit account are authorized, as indicated herein.

Frank Rosenberg
 Name of Person Signing

Frank Rosenberg
 Signature

12/23/03
 Date

01/02/2004 LNUELLER 00000001 10279089

01 FC:0021

40.00 BP

PATENT
 REEL: 014837 FRAME: 0414

ASSIGNMENT

Yong Wang

To

Battelle Memorial Institute

WHEREAS, I, Yong Wang of Richland, County of Benton, State of Washington, have made certain inventions in, **CATALYSTS, IN MICROCHANNEL APPARATUS AND REACTIONS USING SAME**, described and claimed in Application Serial Number 10/279,089; and

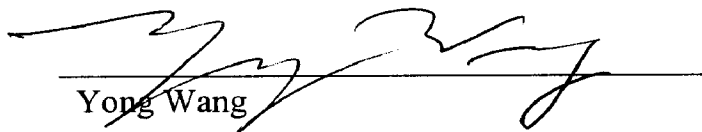
WHEREAS, Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, having a place of business in the City of Richland, Washington, is desirous of acquiring an interest in the said invention and in any patent or any patents to be obtained therefore;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00) each, and other good 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 Battelle Memorial Institute, the 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; and in and to any extensions, reissues, divisions, or renewals thereof; and we do hereby authorized and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Battelle Memorial Institute, as the assignee of our entire right, title, and interest in and to the same for the sole use and benefit of the said Battelle Memorial Institute, and its successors or assigns.

And we further covenant and agree that we will, at the request and expense of the said Battelle Memorial Institute, 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 Battelle Memorial Institute, execute such application papers as may be desired by the said Battelle Memorial Institute, for the filing of any divisional or renewal of the application herein conveyed, or for reissues or extensions, of any Letters Patent that may be granted upon said Statements, or other papers as desired by the said Battelle Memorial Institute.

And we further assign unto the said Battelle Memorial Institute, the 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 Battelle Memorial Institute to apply for patents therefore 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 assignee herein, as well as all other necessary papers.

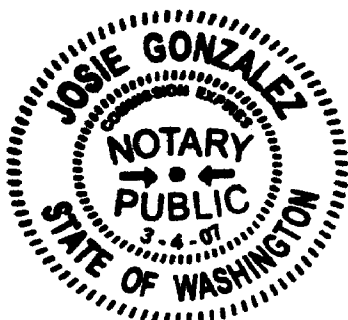
IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Richland, Washington, this 13th day of June, 2003.

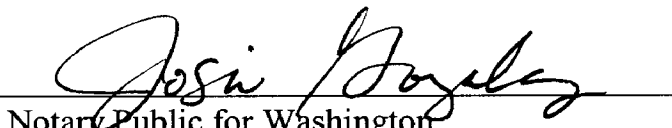

Yong Wang

STATE OF WASHINGTON)
) ss.
COUNTY OF BENTON)

This 13 day of June, 2003, before me personally came the above-named Yong Wang, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

[SEAL]




Notary Public for Washington
My commission expires: 3-4-07