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MO 4-19-99

1. Name of conveying party(ies):
Gary R. Holtom, X. Sunney Xie, and
Andreas Zumbusch
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and Address of receiving party(ies):
Name: Battelle Memorial Institute K1-53
Internal Address: K1-53
P.O. Box 999
Intellectual Property Services
Street Address: 902 Battelle Blvd.
Intellectual Property Services
City: Richland State: WA Zip: 99352
Additional name(s) & addresses attached? Yes No

3. Nature of conveyance:
 Assignment Merger
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Execution Date: 04131999

4. Application number(s) or patent number(s): 09/294,834
If this document is being filed together with a new application, the execution date of the application is: 04131999
A. Patent Application No.(s): _____ B. Patent No.(s): _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Paul W. Zimmerman
Internal Address: K1-53
P.O. Box 999
Intellectual Property Services
Street Address: 902 Battelle Blvd.
City: Richland State: WA Zip: 99352

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number:
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To the best of my knowledge and belief, the foregoing information is true and correct, any attached copy is a true copy of the original document.
Stephen R. May
Name of person signing
Stephen R. May
Signature
April 16, 1999
Date

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PATENT
REEL: 9911 FRAME: 0299

A S S I G N M E N T

Gary R. Holtom
Xiaoliang Sunney Xie
Andreas Zumbusch
to

Battelle Memorial Institute

WHEREAS we, Gary R. Holtom, of Richland, in the County of Benton, and State of Washington; Xiaoliang Sunney Xie, of Richland, in the County of Benton, and State of Washington, and Andreas Zumbusch, of München, Germany, have made certain inventions in NONLINEAR VIBRATIONAL MICROSCOPY, for which we are about to make application for Letters Patent of the United States; and

WHEREAS Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, and 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 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) each, 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 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, executed by us on the *13th* day of *April*, 1999

8, 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 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 division or renewal of the application herein conveyed, or for 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 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 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 Battelle Memorial Institute, 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 13 day of ^{April} ~~March~~, 1999.



Gary R. Holtom

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Richland, Washington, this 13 day of ^{April} ~~March~~, 1999.



Xiaoliang Sunney Xie

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Richland, Washington, this 31 day of March, 1999.



Andreas Zumbusch