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<p>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</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$ 90.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 02-1273 ✓ (Attach duplicate copy of this page if paying by deposit account)</p>

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PATENT

File No. B-1428A

A S S I G N M E N T

Dennis D. Tanner
Qizhu Ding

to

The Governors of the
University of Alberta

WHEREAS we, Dennis D. Tanner of Edmonton, Alberta, Canada; and Qizhu Ding of Edmonton, Alberta, Canada, have made certain inventions in CATALYTIC MICROWAVE CONVERSION OF GASEOUS HYDROCARBONS, for which we are about to make application for Letters Patent of the United States; and

WHEREAS THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, (hereinafter ASSIGNEE) a Corporation whose post office address is 222 Campus Tower, 8625 112th Atrreet, Edmonton, Alberta, T6G2E1, is desirous of acquiring an interest in the said invention and in any patent or patents to be obtained therefor;

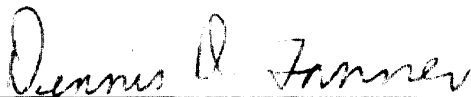
NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00) each, and/or other good and valuable considerations, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the said ASSIGNEE, 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 21 day of June, 1998, 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 benefit 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 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 ASSIGNEE.

And we further assign unto the said ASSIGNEE, 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 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.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Edmonton, Alberta, this 26 day of June, 1998.


Dennis D. Tanner

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Edmonton, Alberta, this 30 day of June, 1998.


Qizhu Ding