

03-29-2002



102036335

Form PTO-1595
(Rev. 03/01)

RECORDED

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

OMB No. 0651-0027 (Rev. 5/31/2002)

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Todd A. Werpy
John G. Frye, Jr.
Alan H. Zacher
Dennis J. Miller

3-21-02

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

03/12/02

Execution Date:

2. Name and address of receiving party(ies)

Name: Battelle Memorial Institute

Internal Address:

Intellectual Property Services K1-53

Street Address: P.O. Box 999

902 Battelle Boulevard

City: Richland State: WA Zip: 99352

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

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 10/012,890

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Stephen R. May

Internal Address:

Intellectual Property Services

Street Address: P.O. Box 999

902 Battelle Boulevard

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:

02-1275

DO NOT USE THIS SPACE

9. Signature.

Stephen R. May

Name of Person Signing

Stephen R. May

Signature

14 Mar 2002

Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

03/28/2002 RAHMED1 00000094 021275 10012890

01 PC:581

40.00 CH

PATENT
REEL: 012716 FRAME: 0752



ASSIGNMENT

Todd A. Werpy
John G. Frye, Jr.
Alan H. Zacher
Dennis J. Miller

to

Battelle Memorial Institute

WHEREAS we, Todd A. Werpy, of West Richland, in the County of Benton, and State of Washington; John G. Frye Jr., of Richland, in the County of Benton, and State of Washington; Alan H. Zacher, of Kennick, in the County of Benton, and State of Washington; and Dennis J. Miller, of Okemos, in the County of Ingham, and State of Michigan, have made certain inventions in HYDROGENOLYSIS OF 5-CARBON SUGARS, SUGAR ALCOHOLS, AND OTHER METHODS AND COMPOSITIONS FOR REACTIONS INVOLVING HYDROGEN, described and claimed in Application Serial Number 10/012,890, filed October 23, 2001; and

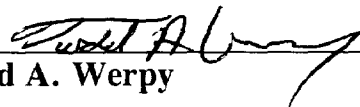
WHEREAS Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, and having a place of business in the City of Richland, Washington, is desirous of acquiring an interest in the said invention and in any patent or patents to be obtained therefor;

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; 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.

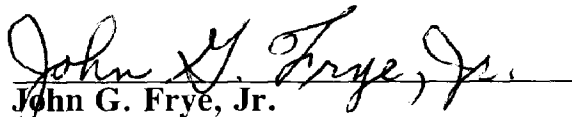
And we further assign unto the said Battelle Memorial Institute, the whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Battelle Memorial Institute to apply for patents therefor in its 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 8th day of February, 2002.



Todd A. Werpy

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal
at Richland, Washington, this 19th day of February, 2002.



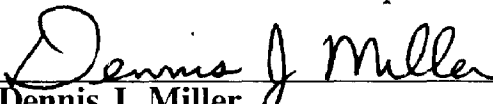
John G. Frye, Jr.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal
at Richland, Washington, this 11 day of February, 2002.



Alan H. Zacher

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal
at East Lansing, Michigan, this 12th day of March, 2002.



Dennis J. Miller