

Form PTO-1595 (Rev. 07/05)
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Richard W. Givens; Jerome A. Klein; Thomas E. Burky;
James J. Reuther

2. Name and address of receiving party(ies)

Name: Battelle Memorial Institute

Internal Address: _____

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 3-21-06; 05-03-06; 03-21-06; 03-21-06

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

Street Address: 505 King Avenue

City: Columbus

State: OH

Country: USA Zip: 43201-2693

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/371,541

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Patent Administrator

Internal Address: Battelle Memorial Institute

Street Address: 505 King Avenue

City: Columbus

State: Ohio Zip: 43201-2693

Phone Number: 614-424-6589

Fax Number: 614-424-3864

Email Address: wiesmann@battelle.org

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.0

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 9877
Expiration Date 12/2006

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:


Signature

06-22-2006

Date

Klaus H. Wiesmann
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 10

Documents to be recorded (including cover sheet) should be faxed to (871) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1460, Alexandria, V.A. 22313-1460

PATENT

700274782

REEL: 017926 FRAME: 0937

ASSIGNMENT

Richards W. Givens
Jerome A. Klein
Thomas E. Burky
James J. Reuther
to

Battelle Memorial Institute

WHEREAS we, **Richards W. Givens**, of **Columbus**, in the County of **Franklin**, and State of **Ohio**, **Jerome A. Klein**, of **Raymond**, in the County of **Union**, and State of **Ohio**, **Thomas E. Burky**, of **Johnstown**, in the County of **Licking**, and State of **Ohio** and **James J. Reuther**, of **Worthington**, in the County of **Franklin**, and State of **Ohio** have made certain inventions in **THERMITE CHARGE**, the specification of which was filed on **March 8, 2006** as application serial no. **11/371,541**; 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.

ASSIGNMENT

Richards W. Givens
Jerome A. Klein
Thomas E. Burky
James J. Reuther

to
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio
this 21st day of MARCH, 2006.




Richard W. Givens

STATE OF OHIO)

:ss

COUNTY OF FRANKLIN)

This 21st day of MARCH, 2006, before me, a Notary Public in and for the County aforesaid,
personally appeared **Richard W. Givens**, 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

BRENDA BLOCK KOONE
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES MAY 18, 2008

ASSIGNMENT

Richards W. Givens

Jerome A. Klein

Thomas E. Burky

James J. Reuther

to

Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio
this 3rd day of May, 2006.

JAK


Jerome A. Klein

STATE OF OHIO)

:SS

COUNTY OF FRANKLIN)

This 3rd day of May, 2006, before me, a Notary Public in and for the County aforesaid,
personally appeared Jerome A. Klein, 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

SYLVIA COOK
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES
OCTOBER 31, 2009

ASSIGNMENT

Richards W. Givens

Jerome A. Klein

Thomas E. Burky

James J. Reuther

to

Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio
this 21st day of March, 2006.


Thomas E. Burky

STATE OF OHIO)

:ss

COUNTY OF FRANKLIN)

This 21st day of March, 2006, before me, a Notary Public in and for the County aforesaid,
personally appeared **Thomas E. Burky**, 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.



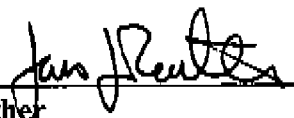
SYLVIA COOK
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES
OCTOBER 31, 2009


Notary Public

ASSIGNMENT

Richards W. Givens
Jerome A. Klein
Thomas E. Burky
James J. Reuther
to
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio
this 21st day of March, 2006.


James J. Reuther

STATE OF OHIO)

:ss

COUNTY OF FRANKLIN)

This 21st day of March, 2006, before me, a Notary Public in and for the County aforesaid,
personally appeared **James J. Reuther**, 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



BRENDA BLOCK KOONE
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES MAY 18, 2008