

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Andrew D. Smeltz	10/31/2008
RECEIVING PARTY DATA	
Name:	Battelle Memorial Institute
Street Address:	505 King Avenue
City:	Columbus
State/Country:	OHIO
Postal Code:	43201-2693
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10597106
CORRESPONDENCE DATA	
Fax Number:	(614)424-3864
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	614-424-3298
Email:	kooneb@battelle.org
Correspondent Name:	Brenda Block Koone
Address Line 1:	505 King Avenue
Address Line 2:	IP Law Dept.
Address Line 4:	Columbus, OHIO 43201-2693
ATTORNEY DOCKET NUMBER:	22114(1)US
NAME OF SUBMITTER:	Brenda Block Koone
Total Attachments: 8 source=22114-1US_Assignment_Smeltz#page1.tif source=22114-1US_Assignment_Smeltz#page2.tif source=22114-1US_Assignment_Smeltz#page3.tif source=22114-1US_Assignment_Smeltz#page4.tif	

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PATENT

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Bruce F. Monzyk  
James K. Rose  
Eric C. Burckle  
Timothy O. Clark  
Andrew D. Smeltz  
Dennis G. Rider  
Chad M. Cucksey

to  
Battelle Memorial Institute

WHEREAS we, Bruce F. Monzyk, of Delaware, in the County of Union, and State of Ohio, James K. Rose, of Millersport, in the County of Fairfield, and State of Ohio, Eric C. Burckle, of Columbus, in the County of Franklin, and State of Ohio, Timothy O. Clark, of Lancaster, in the County of Fairfield, and State of Ohio, Andrew D. Smeltz, of West Lafayette, in the County of Tippecanoe, and State of Indiana, Dennis G. Rider, of Baltimore, in the County of Fairfield, and State of Ohio, and Chad M. Cucksey, of Columbus, in the County of Franklin, and State of Ohio have made certain inventions in **METHODS AND APPARATUS FOR PRODUCING FERRATE(VI)**, for which an International Application designating the United States was filed on 18 Jan 2005 and was allocated International Application No. PCT/US05/01402; and for which we have executed an application for Letters Patent of the United States filed on 11 Jul 2006 and allocated Serial No. 10/597,106, 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

22114(1)US

Bruce F. Monzyk  
James K. Rose  
Eric C. Burekle  
Timothy O. Clark  
Andrew D. Smeltz  
Dennis G. Rider  
Chad M. Cucksey

to  
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio this  
\_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Bruce F. Monzyk

STATE OF OHIO                    )  
  :SS  
COUNTY OF FRANKLIN         )

This \_\_\_\_\_ day of \_\_\_\_\_, 2008 before me, a Notary Public in and for the County aforesaid, personally  
appeared Bruce F. Monzyk, 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

ASSIGNMENT

22114(1)US

Bruce F. Monzyk  
James K. Rose  
Eric C. Burekle  
Timothy O. Clark  
Andrew D. Smeltz  
Dennis G. Rider  
Chad M. Cucksey  
to  
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio this  
\_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
James K. Rose

STATE OF OHIO                    )  
  :SS  
COUNTY OF FRANKLIN        )

This \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me, a Notary Public in and for the County aforesaid,  
personally appeared James K. Rose, 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

ASSIGNMENT

22114(1)US

Bruce F. Monzyk  
James K. Rose  
Eric C. Burckle  
Timothy O. Clark  
Andrew D. Smeltz  
Dennis G. Rider  
Chad M. Cucksey

to  
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at \_\_\_\_\_,  
Ohio this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Eric C. Burckle

STATE OF OHIO                    )  
  :SS  
COUNTY OF \_\_\_\_\_)

This \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me, a Notary Public in and for the County aforesaid,  
personally appeared Eric C. Burckle, 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

## ASSIGNMENT

22114(1)US

Bruce F. Monzyk  
James K. Rose  
Eric C. Burckle  
Timothy O. Clark  
Andrew D. Smeltz  
Dennis G. Rider  
Chad M. Cucksey

to

Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at \_\_\_\_\_,  
Ohio this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

Timothy O. Clark

STATE OF OHIO )  
 )  
 ) :SS  
COUNTY OF \_\_\_\_\_ )

This \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me, a Notary Public in and for the County aforesaid, personally appeared Timothy O. Clark, 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

ASSIGNMENT

22114(1)US

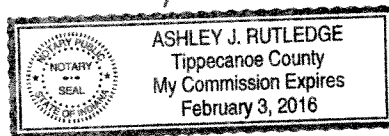
Bruce F. Monzyk  
James K. Rose  
Eric C. Burckle  
Timothy O. Clark  
Andrew D. Smeltz  
Dennis G. Rider  
Chad M. Cucksey

to  
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at PREU Tippecanoe Co.  
Indiana this 31 day of October, 2008. (West Lafayette)

ASL  
Andrew D. Smeltz

STATE OF INDIANA )  
COUNTY OF Tippecanoe ) :SS



This 31 day of October, 2008, before me, a Notary Public in and for the County aforesaid, personally appeared Andrew D. Smeltz, 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.

Ashley J. Rutledge  
Notary Public



ASSIGNMENT

22114(1)US

Bruce F. Monzyk  
James K. Rose  
Eric C. Burckle  
Timothy O. Clark  
Andrew D. Smeltz  
Dennis G. Rider  
Chad M. Cucksey

to  
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at \_\_\_\_\_,  
Ohio this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Dennis G. Rider

STATE OF OHIO                    )  
  :SS  
COUNTY OF \_\_\_\_\_)

This \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me, a Notary Public in and for the County aforesaid,  
personally appeared Dennis G. Rider, 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

ASSIGNMENT

22114(1)US

Bruce F. Monzyk  
James K. Rose  
Eric C. Burckle  
Timothy O. Clark  
Andrew D. Smeltz  
Dennis G. Rider  
Chad M. Cucksey

to  
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio this  
\_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Chad M. Cucksey

STATE OF OHIO                    )  
  :SS  
COUNTY OF FRANKLIN         )

This \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me, a Notary Public in and for the County aforesaid,  
personally appeared Chad M. Cucksey, 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