

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Herman P. Benecke</td> <td>05/30/2008</td> </tr> <tr> <td>Daniel B. Garbark</td> <td>05/30/2008</td> </tr> <tr> <td>Alex W. Kawczak</td> <td>07/02/2008</td> </tr> <tr> <td>Michael C. Clingerman</td> <td>07/18/2008</td> </tr> </tbody> </table>		Name	Execution Date	Herman P. Benecke	05/30/2008	Daniel B. Garbark	05/30/2008	Alex W. Kawczak	07/02/2008	Michael C. Clingerman	07/18/2008
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Daniel B. Garbark	05/30/2008										
Alex W. Kawczak	07/02/2008										
Michael C. Clingerman	07/18/2008										
RECEIVING PARTY DATA											
Name:	Battelle Memorial Institute										
Street Address:	505 King Avenue										
City:	Columbus										
State/Country:	OHIO										
Postal Code:	43201										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12009199</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12009199						
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Application Number:	12009199										
CORRESPONDENCE DATA											
Fax Number:	(614)424-3864										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	614-424-5329										
Email:	readmanj@battelle.org										
Correspondent Name:	Battelle Memorial Institute										
Address Line 1:	505 King Avenue										
Address Line 2:	Judy Readman - 11-10-87										
Address Line 4:	Columbus, OHIO 43201										
ATTORNEY DOCKET NUMBER:	14907										
NAME OF SUBMITTER:	Judy Readman										
Total Attachments: 5											

OP \$40.00 12009199

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**PATENT
 REEL: 021258 FRAME: 0252**

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ASSIGNMENT

Herman P. Benecke
Daniel B. Garbark
Alex W. Kawczak
Michael C. Clingerman
to
Battelle Memorial Institute

WHEREAS we, **Herman P. Benecke**, of **Columbus**, in the County of **Franklin**, and State of **Ohio**, **Daniel B. Garbark**, of **Blacklick**, in the County of **Franklin**, and State of **Ohio**, **Alex W. Kawczak**, of **Dublin**, in the County of **Franklin**, and State of **Ohio**, and **Michael C. Clingerman**, of **Hilliard**, in the County of **Franklin**, and State of **Ohio**, have made certain inventions in **Formaldehydr Free Binders**, the specification of which was filed on **01-16-2008** as application serial no. **12/009,199**; 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

Herman P. Benecke
Daniel B. Garbark
Alex W. Kawczak
Michael C. Clingerman
to
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio
this 30 day of May, 2008.

Herman P. Benecke
Herman P. Benecke

STATE OF OHIO)

:SS

COUNTY OF FRANKLIN)

This 30th day of May, 2008, before me, a Notary Public in and for the County aforesaid,
personally appeared **Herman P. Benecke**, 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.



JUDITH A. READMAN
Notary Public, State of Ohio
My Commission Expires 04-07-2013

Judith A. Readman
Notary Public

ASSIGNMENT

Herman P. Benecke
Daniel B. Garbark
Alex W. Kawczak
Michael C. Clingerman
to
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio
this 30 day of May, 2008.



Daniel B. Garbark

STATE OF OHIO)

:SS

COUNTY OF FRANKLIN)

This 30th day of May, 2008, before me, a Notary Public in and for the County aforesaid,
personally appeared **Daniel B. Garbark**, 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.



JUDITH A. READMAN
Notary Public, State of Ohio
My Commission Expires 04-07-2013



Notary Public

ASSIGNMENT

Herman P. Benecke
Daniel B. Garbark
Alex W. Kawczak
Michael C. Clingerman
to
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio
this 2 day of July, 2008.



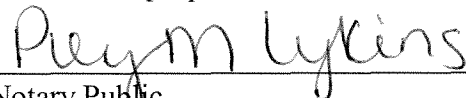
Alex W. Kawczak

STATE OF OHIO)

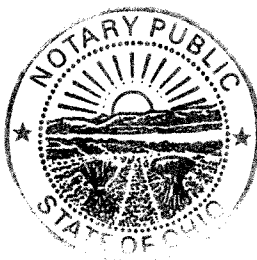
:SS

COUNTY OF FRANKLIN)

This 2 day of July, 2008, before me, a Notary Public in and for the County aforesaid,
personally appeared **Alex W. Kawczak**, 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



PENNY M. LYKINS
Notary Public, State of Ohio
My Commission Expires
August 1, 2012

ASSIGNMENT

Herman P. Benecke
Daniel B. Garbark
Alex W. Kawczak
Michael C. Clingerman
to
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio
this 18 day of July, 2008.



Michael C. Clingerman

STATE OF OHIO)

:SS

COUNTY OF FRANKLIN)

This 18th day of July, 2008, before me, a Notary Public in and for the County aforesaid,
personally appeared **Michael C. Clingerman**, 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



JUDITH A. READMAN
Notary Public, State of Ohio
My Commission Expires 04-07-2013