

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Signo T. Reis		11/17/2008
Richard K. Brow		11/17/2008
RECEIVING PARTY DATA		
Name:	University of Missouri	
Street Address:	316 University Hall	
City:	Columbia	
State/Country:	MISSOURI	
Postal Code:	65211	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11693863	
CORRESPONDENCE DATA		
Fax Number:	(919)416-8384	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
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Correspondent Name:	Michael G. Johnston	
Address Line 1:	Moore & Van Allen PLLC	
Address Line 2:	430 Davis Drive, Suite 500	
Address Line 4:	Morrisville, NORTH CAROLINA 27560	
ATTORNEY DOCKET NUMBER:	027330-000001	
NAME OF SUBMITTER:	Michael G. Johnston	
Total Attachments: 2 source=001 Assignments of Signo Reis#page1.tif source=001 Assignment of Richard Brow#page1.tif		

OP \$40.00 11693863

**PATENT**

**500711881**

**REEL: 021875 FRAME: 0994**

## ASSIGNMENT

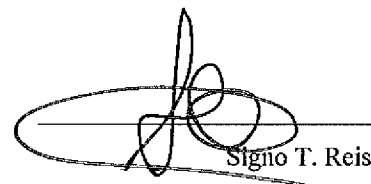
### TO WHOM IT MAY CONCERN:

Richard Brow and Signo T. Reis of the University of Missouri, and Delbert Day and Mariano Velez of Mo-Sci Corporation, co-invented the patentable inventions contained in the patent application entitled "*Alkaline Resistant Phosphate Glasses and method of preparation and use thereof*" which was filed in the United States Patent and Trademark Office on March 30, 2007 and assigned Serial No. 11/693.863 (the "Patent Application");

For good and valuable consideration previously paid to me by virtue of my employment relationship with The Curators of the University of Missouri, I, Signo T. Reis, a citizen of the BRAZIL, having a place of residence at, 131 NAGOGAM, Rolla, have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto The Curators of the University of Missouri, having a place of business at 316 University Hall, Columbia MO 65211, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to "*Alkaline Resistant Phosphate Glasses and method of preparation and use thereof*" and the related application for United States Patent, identified above, including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisions, and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that I have full right to do so, and agree that I will communicate to said institution or its representatives all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said institution, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said certain invention or any part thereof in the names of Mo-Sci Corporation and The Curators of the University of Missouri, as joint co-owners of the Patents.

Done at Rolla, Missouri, this 17 day of 11, 2008.



Signo T. Reis

## ASSIGNMENT

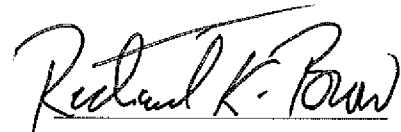
### TO WHOM IT MAY CONCERN:

Richard Brow and Signo T. Reis, of the University of Missouri, and Delbert Day and Mariano Velez of Mo-Sci Corporation, co-invented the patentable inventions contained in the patent application entitled "*Alkaline Resistant Phosphate Glasses and method of preparation and use thereof*" which was filed in the United States Patent and Trademark Office on March 30, 2007 and assigned Serial No. 11/693.863 (the "Patent Application");

For good and valuable consideration previously paid to me by virtue of my employment relationship with The Curators of the University of Missouri, I, Richard Brow, a citizen of the United States of America, having a place of residence at, 603 Germann Ct have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto The Curators of the University of Missouri, having a place of business at 316 University Hall, Columbia MO 65211, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to "*Alkaline Resistant Phosphate Glasses and method of preparation and use thereof*" and the related application for United States Patent, identified above, including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisions, and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that I have full right to do so, and agree that I will communicate to said institution or its representatives all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said institution, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said certain invention or any part thereof in the names of Mo-Sci Corporation and The Curators of the University of Missouri, as joint co-owners of the Patents.

Done at Rolla, Missouri, this 17<sup>th</sup> day of November, 2008.



Richard Brow