

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2613591

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JOHN W. NORTH</td> <td>03/14/2011</td> </tr> <tr> <td>MAURICE W. LASHLEY</td> <td>03/14/2011</td> </tr> <tr> <td>LARRY D. SHEPPARD</td> <td>03/14/2011</td> </tr> </tbody> </table>		Name	Execution Date	JOHN W. NORTH	03/14/2011	MAURICE W. LASHLEY	03/14/2011	LARRY D. SHEPPARD	03/14/2011
Name	Execution Date								
JOHN W. NORTH	03/14/2011								
MAURICE W. LASHLEY	03/14/2011								
LARRY D. SHEPPARD	03/14/2011								
RECEIVING PARTY DATA									
Name:	JWN, INC.								
Street Address:	3365 W. HOSPITAL AVE.								
City:	ATLANTA								
State/Country:	GEORGIA								
Postal Code:	30336								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13048962</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13048962				
Property Type	Number								
Application Number:	13048962								
CORRESPONDENCE DATA									
Fax Number:	(770)951-0933								
Phone:	770-933-9500								
Email:	amy.kwon@thomashorstemeyer.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	THOMAS HORSTEMEYER, LLP								
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ATTORNEY DOCKET NUMBER:	821008-1011								
NAME OF SUBMITTER:	TODD DEVEAU								
Signature:	/Todd Deveau/								

Date:

11/13/2013

Total Attachments: 4

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**ASSIGNMENT
OF UTILITY PATENT APPLICATION**

WHEREAS, we, John W. North, Maurice W. Lashley and Larry D. Sheppard, hereinafter referred to as ASSIGNORS, have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

CELLULAR CERAMICS APPARATUS AND METHODS OF PRODUCTION

which was:

- executed on even date herewith,
- filed with the United States Patent and Trademark Office (USPTO) on 03/16/2011, and assigned Serial No. 13/048,962, and
- further described in U.S. Provisional application entitled "Cellular Ceramics Apparatus and Methods of Production", filed with the USPTO on March 16, 2010 and assigned Serial No. 61/314,442.

Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.

WHEREAS, JWN, Inc., a corporation of Georgia, having a place of business at 3365 W. Hospital Ave., Atlanta, GA 30336, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNORS' interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNORS, ASSIGNORS have sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said Provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNORS authorize ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said Inventions, without further authorization from ASSIGNORS, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNORS request that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNORS covenant and agree that, when requested, ASSIGNORS shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNORS authorize ASSIGNEE or its agents to insert, on ASSIGNORS' behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 14th day of March, 2011.

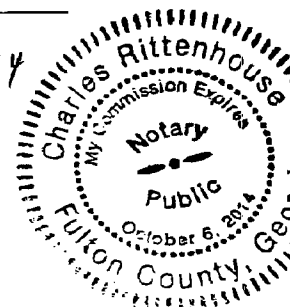
Rebecca N Stephens
John W. North (Rebecca A. Stephens, executor)

State of GA
County of DeKalb

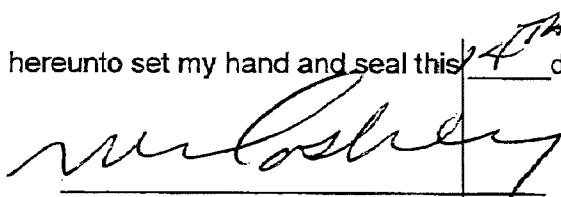
On this 14th day of March, 2011, before me, a notary public, came to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

Charles Rittenhouse
NOTARY PUBLIC
My Commission Expires: 10/6/14

Expires:



MARCH IN WITNESS WHEREOF, I have hereunto set my hand and seal this 14th day of MARCH, 2011.



Maurice W. Lashley

State of GA
County of DeKalb

On this 14th day of March, 2011, before me, a notary public, came to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.



NOTARY PUBLIC
My Commission Expires: 10/6/14

Expires:



IN WITNESS WHEREOF, I have hereunto set my hand and seal this 14th day of MARCH, 2011.



Larry D. Sheppard

State of GA
County of DeKalb

On this 14th day of March, 2011, before me, a notary public, came to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.



NOTARY PUBLIC

My Commission Expires: 10/6/14

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