

12-21-1999

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FORM PTO-1595

(Rev. 6-93)

RE



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101229326

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Thomas J. Pinnavaia,
Seong-Su Kim,
Wenzhong ZhangAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Board of Trustees operatingName: **Michigan State University**

Internal Address: _____

Street Address: **238 Administration Bldg.**City: **East Lansing** State: **MI** ZIP: **48824**Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: **Thomas J. Pinnavaia 11/9/99;**
Seong-Su Kim; 11/9/99;
Wenzhong Zhang 11/15/99.

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/436,839

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Ian C. McLeod**

Internal Address: _____

Street Address: **2190 Commons Parkway**City: **Okemos** State: **MI** ZIP: **48864**6. Total number of applications and patents involved: **1**7. Total fee (37 CFR 3.41).....\$ **40**☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: _____

(Attach duplicate copy of this page if paying by deposit account)

12/17/1999 DNGUYEN 00000190 09436839

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.***Ian C. McLeod**

Name of Person Signing

Signature

11/24/99

Date

Total number of pages including cover sheet, attachments, and document: **4**Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 010441 FRAME: 0222

ASSIGNMENT

WHEREAS, We, Thomas J. Pinnavaia, Seong-Su Kim and Wenzhong Zhang residing at 5901 Sleepy Hollow, East Lansing, Michigan 48823; 4105 Dunckel Dr. 303, Lansing, Michigan 48910; and 7963 East 59th Place South, Apt. #27-5, Tulsa, Oklahoma 74145, respectively, have invented certain new and useful improvements in ULTRA-STABLE LAMELLAR MESOPOROUS SILICA COMPOSITIONS AND PROCESS FOR THE PREPARATION THEREOF for which an application for United States Letters Patent was filed on November 9, 1999, and assigned Serial No. 09/436,839; and

WHEREAS, Board of Trustees, a constitutional Corporation operating Michigan State University, (hereinafter referred to as Assignee) of East Lansing, State of Michigan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, the receipt whereof is hereby acknowledged, and other valuable considerations, we the said Thomas J. Pinnavaia, Seong-Su Kim and Wenzhong Zhang, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent and

Trademark Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to 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, its successors and assigns.

FURTHER, we agree that we will communicate to said Assignee or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of November, 1999.

Signed in the Presence of:

[Signature]

Thomas J. Pinnavaia
Thomas J. Pinnavaia

STATE OF MICHIGAN :

ss.

COUNTY OF INGHAM :

On this 9th day of November, 1999, personally appeared before me the above named Thomas J. Pinnavaia to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be his free act and deed in and for the purposes set forth in said instrument.

SEAL

[Signature]
Notary Public

My Commission Expires: _____

FILED
Notary Public, Ingham County MI
My Commission Expires April 30, 2000

IN TESTIMONY WHEREOF, I have hereunto set my
hand this 09 day of Nov., 1999.

Signed in the Presence of:

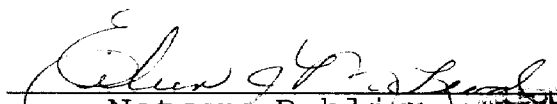



Seong-Su Kim

STATE OF MICHIGAN :
COUNTY OF INGHAM : ss.

On this 9th day of November,
1999, personally appeared before me the above named
Seong-Su Kim to me known and known to me to be the
person described in and who executed the foregoing
instrument and acknowledged the same to be his free act
and deed in and for the purposes set forth in said
instrument.

SEAL


Notary Public
My Commission Expires: April 30, 2000

IN TESTIMONY WHEREOF, I have hereunto set my
hand this 15 day of November, 1999.

Signed in the Presence of:

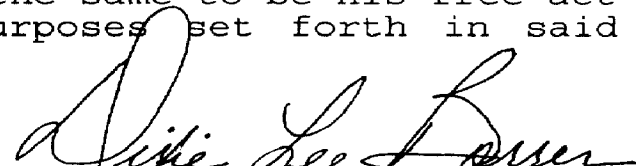
OKLAHOMA

STATE OF ~~MICHIGAN~~ :
COUNTY OF ~~INGHAM~~ : ss.


Wenzhong Zhang

On this 15 day of November,
1999, personally appeared before me the above named
Wenzhong Zhang to me known and known to me to be the
person described in and who executed the foregoing
instrument and acknowledged the same to be his free act
and deed in and for the purposes set forth in said
instrument.

SEAL


Notary Public
My Commission Expires: 12/5/2002