

07-20-1999

WENMM 1619A (2-99)



Docket No.

22010-130

MRO
7-16-99
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101097180
RECORDATION FORM COVER SHEET
PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type		Conveyance Type	
<input type="checkbox"/> New	<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Security Agreement	
<input type="checkbox"/> Resubmission (Non-Recordation) Document ID#	<input type="checkbox"/> License	<input type="checkbox"/> Change of Name	
<input type="checkbox"/> Correction of PTO Error Reel # Frame #	<input type="checkbox"/> Merger	<input checked="" type="checkbox"/> Other: Corrected Assignment Cover Sheet to correct name (Sang-Jin)	
<input checked="" type="checkbox"/> Corrective Document Reel #9840 Frame #0511	U.S. Government (For use ONLY by U.S. Government Agencies)		
	<input type="checkbox"/> Departmental File	<input type="checkbox"/> Secret File	

Conveying Party(ies)		Execution Date
<input type="checkbox"/> Mark if additional names of conveying parties attached		Month Day Year
First Party Name (line 1)	KRIVEN, WALTRAUD M.	02041999
Name (line 2)		
Second Party Name (line 1)	LEE, SANG-JIN	Execution Date Month Day Year 02041999
Name (line 2)		

Receiving Party			Execution Date
<input type="checkbox"/> Mark if additional names of receiving party attached			Month Day Year
Name (line 1)	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)	a corporation of the State of Illinois		
Address (line 1)	506 South Wright Street		
Address (line 2)			
Address (line 3)	Urbana	IL	
	City	State/Country	Zip Code

Domestic Representative Name and Address	
Enter for the first Receiving Party only.	
Name	
Address (line 1)	
Address (line 2)	
Address (line 3)	
Address (line 4)	

07/19/1999 MTHAI1 00000267 09234172 FOR OFFICE USE ONLY
01 FC:581 40.00 DP

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington D.C., 20231

PATENT
REEL: 010096 FRAME: 0881

Correspondent Name and Address

Area Code and Telephone Number

(317) 634-3456

Name

Kenneth A. Gandy

Address (line 1)

Woodard, Emhardt, Naughton, Moriarty & McNett

Address (line 2)

111 Monument Circle, Suite 3700

Address (line 3)

Bank One Center/Tower

Address (line 4)

Indianapolis, Indiana 46204-5137

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

#5

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)**Patent Number(s)**

09/234,172

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Corporation TreatyEnter a PCT application number only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of properties

Enter the total number of properties involved

#1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$40.00

Method of Payment:
Deposit Account

Enclosed

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account).

Deposit Account Number

#23-3030

Authorization to charge additional fees:

Yes

No

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. Charges to deposit account are authorized, as indicated herein.

James B. Myers Jr.

Name of Person Signing

Signature

Date

03-29-1999



100995461

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

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3/25/99

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached Execution Date
Month Day Year

Name (line 1) KRIVEN, WALTRAUD M. 02041999

Name (line 2)

Second Party

Name (line 1) LEE, SANG-JEN Execution Date
Month Day Year
02041999

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

Name (line 2) a corporation of the State of Illinois

Address (line 1) 506 South Wright Street

Address (line 2)

Address (line 3) Urbana IL 61801
City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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01 FC:581

(40.00 DP)

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 010096 FRAME: 0883

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text" value="09/234,172"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Patent Cooperation Treaty (PCT)

Enter PCT application number

only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties

Enter the total number of properties involved. #

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

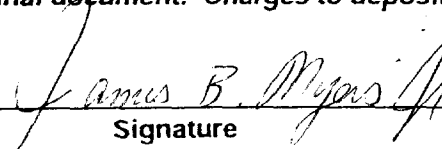
Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

James B. Myers, Jr.



March 17, 1999

Name of Person Signing

Signature

Date

ASSIGNMENT

WHEREAS, Waltraud M. Kriven and Sang-Jin Lee, of 915 West Church Street,
 1004 E. Kerr Ave., Apt. 202 61802
 Champaign, Illinois 61821 and ~~1002 S. Kerr Ave., #204, Urbana, Illinois 61801~~, hereinafter
 referred to as Assignors, have made a new and useful invention in , respectively **TOUGHENING
 OF CERAMIC COMPOSITES BY TRANSFORMATION WEAKENING OF
 INTERPHASES** for which Assignors have made or will make application for Letters Patent of
 the United States; and

WHEREAS, The Board of Trustees of the University of Illinois, hereinafter referred to as
 Assignee, a corporation of the State of Illinois having a principal place of business at 506 South
 Wright Street, Urbana, Illinois 61801 desires to acquire all of the entire right, title, and interest in,
 to and under said invention disclosed, described and claimed or intended so to be in said
 application, and in, to and under said application, and in, to and under any and all Letters Patent,
 United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for an in
 consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient
 considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors
 have sold, assigned and transferred, and by these presents do sell, assign and transfer unto
 Assignee, all of the entire right, title, and interest in, to and under said invention disclosed,
 described and claimed or intended so to be in said application, and any and all other applications
 thereon and arising therefrom, including any and all divisions and continuations thereof, and any
 and all patents to be issued and obtained therefor and thereon, United States and foreign,
 including all reissues and extensions thereof.

Assignors hereby authorize and request the firm of Woodard, Emhardt, Naughton,
 Moriarty & McNett of Bank One Center Tower, 111 Monument Circle, Suite 3700, Indianapolis,
 Indiana 46204-5137 to insert here in parentheses (Serial No. 09/234,172, 1/19/99)
 the date and serial number of said application when officially known, and Assignors hereby

authorize and request the Honorable Assistant Secretary and Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS Assignors' hand this 4~~th~~ day of FEBRUARY, 1999.

Waltraud M. Kriven

Waltraud M. Kriven

Sang-Jin Lee

Sang-Jin Lee

STATE OF ILLINOIS)
) SS:
COUNTY OF CHAMPAIGN)

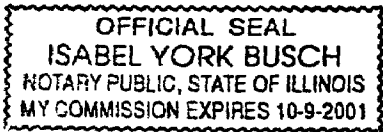
Before me, a Notary Public, in and for said Country and State, personally appeared the above-named Assignors, Waltraud M. Kriven and Sang-Jin Lee, to me personally known, and who executed the foregoing Assignment in my presence and acknowledged the execution thereof as their free and voluntary act and deed for the uses and purposes therein set forth and expressed.

WITNESS my hand and Notarial Seal this 4~~th~~ day of FEBRUARY, 1999.

Isabel York Busch
Notary Public

Printed: ISABEL YORK BUSCH

Resident of CHAMPAIGN County



My Commission Expires:

October 9, 2001