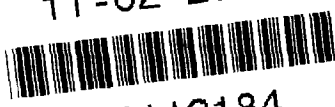


11-02-2005



103112184

Docket No.: MSU 4.1-726

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08/REV03

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Ramani Narayan
Sunder Balakrishnan
Boo-Young Shin

2. Name and address of receiving party(ies):

Name: Board of Trustees of Michigan State University

Internal Address:

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Street Address: 238 Administration Building

MICHIGAN STATE UNIVERSITY

City: East Lansing State: MI ZIP: 48824

R. Narayan 5/6/2005 S. Balakrishnan
Execution Date: 10/23/2005 B. Shin 5/23/05

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

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

A. Patent Application No.(s)

B. Patent No.(s)

11/124,491

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: McLeod & Moyne, P.C.

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):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

13-0610

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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

10/26/2005

Date

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PATENT
REEL: 017152 FRAME: 0430

ASSIGNMENT

WHEREAS, we, RAMANI NARAYAN, SUNDER BALAKRISHNAN and BOO-YOUNG SHIN, 4275 Conifer Circle, Okemos, Michigan 48864; 1636 Indian Way, Okemos, Michigan 48864; and Kyoungsan 712-749, Korea, respectively have invented certain new and useful improvements in STARCH-VEGETABLE OIL GRAFT COPOLYMERS AND THEIR BIOFIBER COMPOSITES, AND A PROCESS FOR THEIR MANUFACTURE for which an application for United States Letters Patent was filed on May 6, 2005 and assigned Serial No. 11/124,491; and

WHEREAS, Board of Trustees,  a Constitutional Corporation of 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.

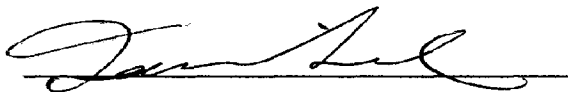
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, the receipt whereof is hereby acknowledged, and other valuable considerations, we the said RAMANI NARAYAN, SUNDER BALAKRISHNAN, AND BOO-YOUNG SHIN, have sold, assigned and transferred, and by these presents do sell, 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.

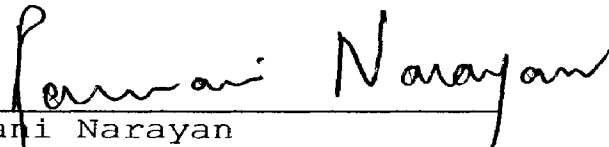
We hereby authorize and request the Patent and Trademark Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Assignee as the Assignee of our entire right, title and interest in and to the same for the sole use and 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 6th day of May, 2005.

Signed in the Presence of:




Ramani Narayan

STATE OF MICHIGAN :
COUNTY OF INGHAM : SS.

On this 6th day of May, 2005, personally appeared before me the above named Ramani Narayan 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: TAMMI L. TAYLOR
Notary Public, Ingham County, MI
My Commission Expires Oct. 27, 2008

IN TESTIMONY WHEREOF, I have hereunto set my
hand this 23rd day of October, 2005

Signed in the Presence of:

Darcie L. Raynor

Sunder Balakrishnan
Sunder Balakrishnan

STATE OF MICHIGAN :
COUNTY OF INGHAM :

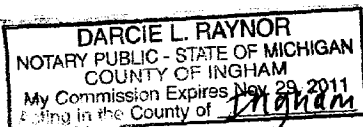
SS.

On this 23rd day of OCTOBER, 2005,
personally appeared before me the above named Sunder
Balakrishnan 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

Darcie L. Raynor
Notary Public

My Commission Expires: Nov. 29, 2011



IN TESTIMONY WHEREOF, I have hereunto set my

hand this 23th day of May, 2005.

Signed in the Presence of:

Seo Seung-goo

Shin
Boo-Young Shin

CITY OF :
COUNTRY OF :
SS.

On this 23TH day of MAY, 2005,
personally appeared before me the above named Boo-Young
Shin 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

Seo Seung-goo
Notary Public

My Commission Expires: YOUNGNAM LAW OFFICE
33-2 BUMED-DONG SUSUNG-GU DAEGU, KOREA
THIS OFFICE HAS BEEN AUTHORIZED BY THE MINISTER
OF JUSTICE, THE REPUBLIC OF KOREA, TO ACT AS
NOTARY PUBLIC SINCE SEP. 27TH, 1993 UNDER LAW
NO.3594

등부 2005 년 제 1430 호

인증

위 양 토 증

에 기재된

신 부 영 은

본직의 면전에서 위사서증서에 자기가
서명날인한 것임을 자인하였다.

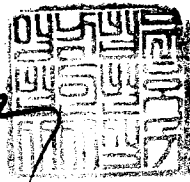
2005 년 5 월 23 일이 사무소에서
위 인증한다.



공증인가 영남법무법인

대구광역시 수성구 범어동 33-2

공증담당 변호사



Attorney - at - Law

Registered No. 2005 - 1430

Notarial Certificate

Boo-Young Shin

personally appeared before me
and admitted his (her)
subscription to the attached

Assignment

This is hereby attested on
this 23th day of May, 2005
at this office

YOUNGNAM LAW OFFICE

33-2 Bumed-dong susung-gu

DAEGU, KOREA

This office has been
authorized by the Minister of
Justice, the Republic of
Korea, to act as Notary
Public since

sep. 27th, 1993

under Law No. 3594

공증인가 영남법무법인 전화 : 743-7584,7585