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To the Director of the United States Patent and Trademark Office: Please record the attached documents or the new address(es) below.

## 1. Name of conveying party(ies):

Venkatesh Balan  
Shishir Chundawat  
Leonardo Sousa  
Bruce Dale

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 2. Nature of conveyance/Execution Date(s):

Execution Date(s): October 2, 2008

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

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

Name: Board of Trustees Michigan State UniversityAddress: MICHIGAN STATE UNIVERSITY238 Administration BuildingCity: East LansingState/Prov.: MichiganCountry: USA ZIP: 48824

Additional name(s) &amp; address(es)

☐ Yes ☒ No

## 3. Application or patent numbers(s):

A. Patent Application No. (s)

☒ This document is being filed together with a new application

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 4. Name and address to whom correspondence concerning document should be mailed:

Name: Ian C. McLeodRegistration No.: 20,931Address: IAN C. McLEOD, P.C.2190 Commons ParkwayCity: OkemosState/Prov.: MichiganCountry: USA ZIP: 48864Phone Number: (517)347-4100Fax Number: (517)347-4103Email Address: ianmcl@comcast.net6. Total number of applications and patents involved: 17. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

## 8. Payment Information

a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit Account Number 13-0610Authorized User Name Ian C. McLeod

## 9. Signature:

Ian C. McLeod  
Signature

October 3, 2008

Date

Name of Person Signing

Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 5

Documents to be recorded (including cover sheet) should be faxed to (571)273-0140, or mailed to:  
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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PATENT  
REEL: 021704 FRAME: 0796

MSU 4.1-860

ASSIGNMENT

WHEREAS, we, VENKATESH BALAN, SHISHIR CHUNDAWAT, LEONARDO SOUSA and BRUCE DALE residing at 914B Cherry Lane, East Lansing, Michigan 48823; 1165H Palmer Lane, Apartment H, East Lansing, Michigan 48823; 1026 Downer Avenue, Apartment 3A, Lansing, Michigan 48912; and 2865 Hagadorn Road, Mason, Michigan 48854, have invented certain new and useful improvements in IMPROVED PROCESS FOR PRODUCING SUGARS AND ETHANOL USING CORN STILLAGE for which an application for United States Letters Patent was signed by us on even date herewith; 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 based upon the application in the United States and in any and all foreign countries as well as the right to priority based upon the application.

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 VENKATESH BALAN, SHISHIR CHUNDAWAT, LEONARDO SOUSA and BRUCE DALE, 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 based upon the application 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 based upon the application, 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.

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 based upon the application, 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 2<sup>nd</sup> day of October, 2008.

Signed in the Presence of:

Venkatesh Balan.  
Se M. Puh

Venkatesh Balan  
Venkatesh Balan

STATE OF MICHIGAN :  
COUNTY OF INGHAM : ss.

On this 2<sup>nd</sup> day of October, 2008,  
personally appeared before me the above named Venkatesh  
Balan 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

Tammi L. Taylor  
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 2<sup>nd</sup> day of October, 2008.

Signed in the Presence of:

Se M. Puh

Shishir Chundawat  
Shishir Chundawat

STATE OF MICHIGAN :  
COUNTY OF INGHAM : ss.

On this 2<sup>nd</sup> day of October, 2008,  
personally appeared before me the above named Shishir  
Chundawat 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

Tammi L. Taylor  
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 2nd day of October, 2008.  
Signed in the Presence of:

St M. Puh

Leonardo da Costa Sousa  
Leonardo Sousa

STATE OF MICHIGAN :  
COUNTY OF INGHAM : ss.

On this 2nd day of October, 2008,  
personally appeared before me the above named Leonardo  
Sousa 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

Tammi L. Taylor  
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 2nd day of October, 2008.  
Signed in the Presence of:

St M. Puh

Bruce Dale  
Bruce Dale

STATE OF MICHIGAN :  
COUNTY OF INGHAM : ss.

On this 2nd day of October, 2008,  
personally appeared before me the above named Bruce Dale 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

Tammi L. Taylor  
Notary Public  
My Commission Expires: TAMMI L. TAYLOR  
Notary Public, Ingham County, MI  
My Commission Expires Oct. 27, 2008