

A/D 581-40

10,554,887

10/28/05

Form PTO-1595
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇌ ⇌ ⇌ ▼

05-22-2006

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commission

103241819

ached original documents or copy thereof.

1. Name of conveying party(ies):

RAJGARHIA, Vineet

KOIVURANTA, Kari

PENTILLA, Merja

ILMEN, Marja

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other _____

Execution Date: 6/15, 6/17, 7/2, 7/14, 2004

2. Name and address of receiving party(ies)

Name: Cargill Dow LLC

Internal Address: _____

Street Address: 15305 Minnetonka Blvd.

City: Minnetonka State: MN Zip: 55345

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

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)

PCT/US04/013592

B. Patent No.(s)

10/554887

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gary C. Cohn

Internal Address: _____

Street Address: 1147 North Fourth Street

Unit 6E

City: Philadelphia State: PA Zip: 19123

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00



Enclosed



Authorized to be charged to deposit account

8. Deposit account number:

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

DO NOT USE THIS SPACE

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.

Gary C. Cohn

Name of Person Signing

Signature

October 28, 2005

Date

Total number of pages including cover sheet, attachments, and documents: 26

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

Recordation Form Cover Sheet Attachment

2. Name of Additional Conveying Parties

SUOMINEN, Pirkko

ARISTIDOU, Aristos

MILLER, Chris

OLSON, Stacey

RUOHONEN, Laura

At:
Date:
Signature: _____
Full Name: SUOMINEN, Pirkko
Residence: 7801 Kingsview Ln
Maple Grove, MN 55311

Country: US
Citizenship: Finland
Postal Address (if different from above):

At:
Date:
Signature: _____
Full Name: ARISTIDOU, Aristos
Residence: 7909 Kingsview Lane North
Maple Grove, MN 55311

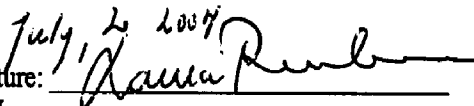
Country: US
Citizenship: Cyprus
Postal Address (if different from above):

At:
Date:
Signature: _____
Full Name: MILLER, Christopher Kenneth
Residence: 9906 Hamlet Ct. S
Cottage Grove, MN 55016

Country: US
Citizenship: US
Postal Address (if different from above):

At:
Date:
Signature: _____
Full Name: OLSON, Stacey
Residence: 8590 Trista Lane East
St. Bonifacius, MN 55375

Country: US
Citizenship: US
Postal Address (if different from above):

At:
Date: July 2, 2004
Signature: 
Full Name: RUOHONEN, Laura
Residence: Tiirasaarentie 11 A 4
FIN-00200 Helsinki

Country: Finland
Citizenship: Finland
Postal Address (if different from above):

At:
Date:
Signature: _____
Full Name:
Residence:

Country:
Citizenship:
Postal Address (if different from above):

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Date:
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At:
Date:
Signature: _____
Full Name: RAJGARHIA, Vineet
Residence: 2601 N. John B. Dennis Hwy, #1208
Kingsport, TN 37660

Country: US
Citizenship: IN
Postal Address (if different from above):

At:
Date:
Signature: _____
Full Name: KOIVURANTA, Kari
Residence: Mäkitorpantie 17 D 39
FIN-00640 Helsinki

Country: Finland
Citizenship: Finland
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Signature: _____
Full Name: PENTTILÄ, Merja
Residence: Vattuniemenkatu 2 A 72
FIN-00210 Helsinki

Country: Finland
Citizenship: Finland
Postal Address (if different from above):

At:
Date:
Signature: _____
Full Name: ILMÉN, Marja
Residence: Sankaritie 7A 9
FIN-00320 Helsinki

Country: Finland
Citizenship: Finland
Postal Address (if different from above):

ASSIGNMENT OF INVENTION FROM INVENTOR(S)

I/we: RAJGARHIA, Vineet; KOIVURANTA, Kari; PENTTILA, Merja; ILMEN, Marja;
SUOMINEN, Pirkko; ARISTIDOU, Aristos; MILLER, Christopher Kenneth; OLSON, Stacey;
and RUOHONEN, Laura

believe that I/we are the original and first inventor(s) of an invention described in an application for patent
entitled: GENETICALLY MODIFIED YEAST SPECIES, AND FERMENTATION PROCESSES
USING GENETICALLY MODIFIED YEAST

for which (mark all that apply)

- ☒ a PCT application was filed on May 3, 2004
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- ☐ an application for patent has been prepared for filing.

In consideration of the sum of One U. S. Dollar (\$1.00), the receipt of which is hereby acknowledged,
and other good and valuable consideration, I/we hereby sell, assign and transfer to

CARGILL DOW LLC, A DELAWARE, USA LIMITED LIABILITY COMPANY
15305 Minnetonka Boulevard, Minnetonka, Minnesota 55345 United States of America

(hereinafter "ASSIGNEE"):

- (a) my/our entire right, title and interest in the invention throughout the world;
- (b) all rights and powers to make applications, including provisional applications, for Letters Patent for the invention in the name of ASSIGNEE or its designee or nominee(s) in any and all countries;
- (c) all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all International Conventions(s) and Treaties in the name of ASSIGNEE;
- (d) all rights and powers to file in the name of ASSIGNEE or its designee any continuation, division, renewal, or substitute application thereof, and as to letters patent any reissue or re-examination thereof;
- (e) any and all Letters Patent that may be issued for the invention in the United States and its territorial possessions and any and all foreign countries.

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At: Eastman credit union, TN
Date: 6/17/08
Signature: [Signature]
Full Name: RAJGARHIA, Vineet
Residence: 2601 N. John B. Dennis Hwy, #1208
Kingsport, TN 37660

Country: US
Citizenship: IN
Postal Address (if different from above):

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FIN-00640 Helsinki

Country: Finland
Citizenship: Finland
Postal Address (if different from above):

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Signature: _____
Full Name: PENTTILÄ, Merja
Residence: Vattuniemenkatu 2 A 72
FIN-00210 Helsinki

Country: Finland
Citizenship: Finland
Postal Address (if different from above):

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Signature: _____
Full Name: ILMÄN, Marja
Residence: Sankaritie 7A 9
FIN-00320 Helsinki

Country: Finland
Citizenship: Finland
Postal Address (if different from above):

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Signature: _____
Full Name: SUOMINEN, Pirkko
Residence: 7801 Kingsview Ln
Maple Grove, MN 55311

Country: US
Citizenship: Finland
Postal Address (if different from above):

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Date:
Signature: _____
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Residence: 7909 Kingsview Lane North
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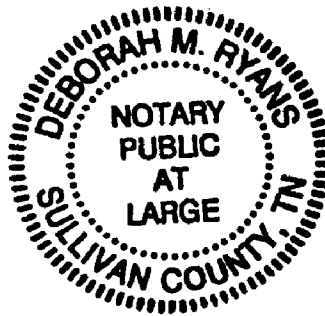
NOTARIAL CERTIFICATE

Before me this 17 day of June 2004, personally appeared

Viveet Badripasad Raygachia

known or identified to me to be person(s) who is/are described in and who executed the foregoing Assignment and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

Deborah M. Ryans
Notary Public or Consular Officer



ASSIGNMENT OF INVENTION FROM INVENTOR(S)

I/we: RAJGARHIA, Vineet; KOIVURANTA, Kari; PENTTILA, Merja; ILMEN, Marja;
SUOMINEN, Pirkko; ARISTIDOU, Aristos; MILLER, Christopher Kenneth; OLSON, Stacey;
and RUOHONEN, Laura

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At:
Date:
Signature: _____
Full Name: RAJGARHIA, Vineet
Residence: 2601 N. John B. Dennis Hwy, #1208
Kingsport, TN 37660

Country: US
Citizenship: IN
Postal Address (if different from above):

At:
Date: July 2, 2004
Signature: _____
Full Name: KOIVURANTA, Kari
Residence: Mäkitorpantie 17 D 39
FIN-00640 Helsinki

Country: Finland
Citizenship: Finland
Postal Address (if different from above):

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Postal Address (if different from above):

NOTARIAL CERTIFICATE

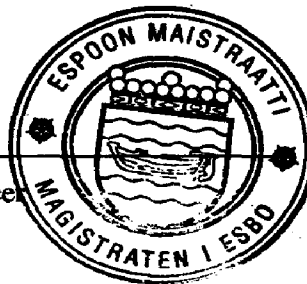
Before me this 2nd day of JULY 2004, personally appeared

KARI KOLVURANTA

known or identified to me to be person(s) who is/are described in and who executed the foregoing Assignment and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

Maisa Räsänen
Maisa Räsänen
Tarkastaja
Julkinen notaari

Notary Public or Consular Officer





ASSIGNMENT OF INVENTION FROM INVENTOR(S)

I/we: RAJGARHIA, Vineet; KOIVURANTA, Kari; PENTTILA, Merja; ILMEN, Marja;
SUOMINEN, Pirkko; ARISTIDOU, Aristos; MILLER, Christopher Kenneth; OLSON, Stacey;
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Signature: _____
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Kingsport, TN 37660

Country: US
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Postal Address (if different from above):

At:
Date:
Signature: _____
Full Name: KOIVURANTA, Kari
Residence: Mäkitorpantie 17 D 39
FIN-00640 Helsinki

Country: Finland
Citizenship: Finland
Postal Address (if different from above):

At: *Esso*
Date: *14th July 2004*
Signature: *[Signature]*
Full Name: PENTTILA, Merja
Residence: Vattuniemenkatu 2 A 72
FIN-00210 Helsinki

Country: Finland
Citizenship: Finland
Postal Address (if different from above):

At:
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Signature: _____
Full Name:
Residence:

Country:
Citizenship:
Postal Address (if different from above):

NOTARIAL CERTIFICATE

Before me this 14th day of July 2009, personally appeared
MRS. MARI Pentteli

known or identified to me to be person(s) who is/are described in and who executed the foregoing Assignment and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

Maisa Räsänen
Maisa Räsänen

Notary Public or Consular Officer



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Signature: _____
Full Name: PENTTILÄ, Merja
Residence: Vattuniemenkatu 2 A 72
FIN-00210 Helsinki

Country: Finland
Citizenship: Finland
Postal Address (if different from above):

At: *July 2, 2004*
Date: *Marja Ilmë*
Signature: _____
Full Name: ILMËN, Marja
Residence: Sankaritie 7A 9
FIN-00320 Helsinki

Country: Finland
Citizenship: Finland
Postal Address (if different from above):

At:
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MARJA ILMÉN

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Maisa Räisänen
Maisa Räisänen
Tarkastaja
Julkinen notaari

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I/we hereby agree to execute such documents as may be necessary for ASSIGNEE or its successors, assigns or legal representatives to exercise the rights granted hereunder. I/we hereby agree to assist ASSIGNEE in the prosecution of any application(s) for Letters Patent for the invention and in any conflict, interference, opposition, reexamination, reissue or litigation which may arise involving the invention or any applications for patent or Letters Patent therefor.

I/we authorize ASSIGNEE to translate this Assignment into all languages as ASSIGNEE deems necessary, and I/we request that any Letters Patent be issued to ASSIGNEE. I/we consent to the recording of this Assignment or copy thereof.

I/we hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. I/we covenant that we have full power to make this Assignment and that we have not previously granted to any third party any right or license in or to the invention.

At:
Date:
Signature: _____
Full Name: RAJGARHIA, Vineet
Residence: 2601 N. John B. Dennis Hwy, #1208
Kingsport, TN 37660

Country: US
Citizenship: IN
Postal Address (if different from above):

At:
Date:
Signature: _____
Full Name: KOIVURANTA, Kari
Residence: Mäkitorpantie 17 D 39
FIN-00640 Helsinki

Country: Finland
Citizenship: Finland
Postal Address (if different from above):

At:
Date:
Signature: _____
Full Name: PENTTILÄ, Merja
Residence: Vattuniemenkatu 2 A 72
FIN-00210 Helsinki

Country: Finland
Citizenship: Finland
Postal Address (if different from above):

At:
Date:
Signature: _____
Full Name: ILMÄN, Marja
Residence: Sankaritie 7A 9
FIN-00320 Helsinki

Country: Finland
Citizenship: Finland
Postal Address (if different from above):

ASSIGNMENT OF INVENTION FROM INVENTOR(S)

I/we: RAJGARHIA, Vineet; KOIVURANTA, Kari; PENTTILA, Merja; ILMEN, Marja;
SUOMINEN, Pirkko; ARISTIDOU, Aristos; MILLER, Christopher Kenneth; OLSON, Stacey;
and RUOHONEN, Laura

believe that I/we are the original and first inventor(s) of an invention described in an application for patent
entitled: GENETICALLY MODIFIED YEAST SPECIES, AND FERMENTATION PROCESSES
USING GENETICALLY MODIFIED YEAST

for which (mark all that apply)

- ☒ a PCT application was filed on May 3, 2004
- ☐ a United States Provisional Application was filed on
- ☐ a United States nonprovisional Patent Application was filed on
- ☐ an application for patent has been prepared for filing.

In consideration of the sum of One U. S. Dollar (\$1.00), the receipt of which is hereby acknowledged,
and other good and valuable consideration, I/we hereby sell, assign and transfer to

CARGILL DOW LLC, A DELAWARE, USA LIMITED LIABILITY COMPANY
15305 Minnetonka Boulevard, Minnetonka, Minnesota 55345 United States of America

(hereinafter "ASSIGNEE"):

- (a) my/our entire right, title and interest in the invention throughout the world;
- (b) all rights and powers to make applications, including provisional applications, for Letters Patent for the invention in the name of ASSIGNEE or its designee or nominee(s) in any an all countries;
- (c) all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all International Conventions(s) and Treaties in the name of ASSIGNEE;
- (d) all rights and powers to file in the name of ASSIGNEE or its designee any continuation, division, renewal, or substitute application thereof, and as to letters patent any reissue or re-examination thereof;
- (e) any and all Letters Patent that may be issued for the invention in the United States and its territorial possessions and any and all foreign countries.

At: MINNETONKA, MN
Date: 6/15/04
Signature: Pirkko Suominen
Full Name: SUOMINEN, Pirkko
Residence: 7801 Kingsview Ln
Maple Grove, MN 55311

Country: US
Citizenship: Finland
Postal Address (if different from above):

At: Minnetonka, MN
Date: 6-15-04
Signature: Aristos Aristidou
Full Name: ARISTIDOU, Aristos
Residence: 7909 Kingsview Lane North
Maple Grove, MN 55311

Country: US
Citizenship: Cyprus
Postal Address (if different from above):

At: Minnetonka, MN
Date: 6/15/04
Signature: Christopher R Miller
Full Name: MILLER, Christopher Kenneth
Residence: 9906 Hamlet Ct. S
Cottage Grove, MN 55016

Country: US
Citizenship: US
Postal Address (if different from above):

At: Minnetonka, MN
Date: 6/15/04
Signature: Stacey Olson
Full Name: OLSON, Stacey
Residence: 8590 Trista Lane East
St. Bonifacius, MN 55375

Country: US
Citizenship: US
Postal Address (if different from above):

At:
Date:
Signature: _____
Full Name: RUOHONEN, Laura
Residence: Tiirasaarentie 11 A 4
FIN-00200 Helsinki

Country: Finland
Citizenship: Finland
Postal Address (if different from above):

At:
Date:
Signature: _____
Full Name:
Residence:

Country:
Citizenship:
Postal Address (if different from above):

At:
Date:
Signature: _____
Full Name:
Residence:

Country:
Citizenship:
Postal Address (if different from above):

At:
Date:
Signature: _____
Full Name:
Residence:

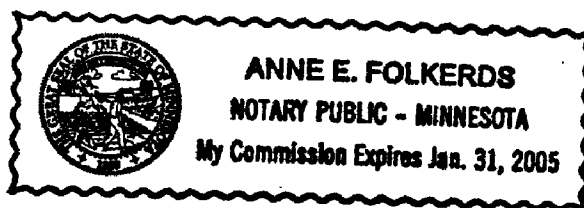
Country:
Citizenship:
Postal Address (if different from above):

NOTARIAL CERTIFICATE

Before me this 15th day of June, 2004, personally appeared
Pirkko Suominen, Aristos Aristidou, Christopher Miller & Stacey Olson
known or identified to me to be person(s) who is/are described in and who executed the foregoing
Assignment and acknowledged to me that he/she executed the same of his/her own free will for the purpose
therein expressed.

Anne E. Folkerds

Notary Public or Consular Officer



ASSIGNMENT OF INVENTION FROM INVENTOR(S)

I/we: RAJGARHIA, Vineet; KOIVURANTA, Kari; PENTTILA, Merja; ILMEN, Marja;
SUOMINEN, Pirkko; ARISTIDOU, Aristos; MILLER, Christopher Kenneth; OLSON, Stacey;
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- (d) all rights and powers to file in the name of ASSIGNEE or its designee any continuation, division, renewal, or substitute application thereof, and as to letters patent any reissue or re-examination thereof;
- (e) any and all Letters Patent that may be issued for the invention in the United States and its territorial possessions and any and all foreign countries.

ASSIGNMENT OF INVENTION FROM INVENTOR(S)

I/we: RAJGARHIA, Vineet; KOIVURANTA, Kari; PENTTILA, Merja; ILMEN, Marja;
SUOMINEN, Pirkko; ARISTIDOU, Aristos; MILLER, Christopher Kenneth; OLSON, Stacey;
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- (d) all rights and powers to file in the name of ASSIGNEE or its designee any continuation, division, renewal, or substitute application thereof, and as to letters patent any reissue or re-examination thereof;
- (e) any and all Letters Patent that may be issued for the invention in the United States and its territorial possessions and any and all foreign countries.

NOTARIAL CERTIFICATE

Before me this 2nd day of JULY 2004, personally appeared
Laura Rushonen

known or identified to me to be person(s) who is/are described in and who executed the foregoing Assignment and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

Maia Räsänen
Maia Räsänen
Tarkastaja
Julkinen notaari



Notary Public or Consular Officer