

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

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

# RECORDATION FORM COVER SHEET

## PATENTS ONLY *CASE 3161-PKG*

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

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

JUSTIN A. MEHAFFY  
DAVID DUCKWORTH  
JOHN RYE

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

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

Execution Date(s) *10/7/05 10/5/05 10/13/05*

- ☒ 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: National Starch and Chemical Investment Holding Corp

Internal Address: \_\_\_\_\_

Street Address: 1000 Uniqema Boulevard

City: New Castle

State: New Jersey

Country: USA Zip: 19720

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

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

A. Patent Application No.(s)

*11/244,808 FILED ON  
OCT 6, 2005*

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Cynthia L. Foulke

Internal Address: National Starch and Chemical Company

Street Address: P.O. Box 6500

City: Bridgewater

State: New Jersey Zip: 08807

Phone Number: 908-685-7483

Fax Number: 908-707-3706

Email Address: \_\_\_\_\_

### 6. Total number of applications and patents involved: 1

### 7. 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 14-0455

Authorized User Name \_\_\_\_\_

### 9. Signature:

*Cynthia L. Foulke*  
Signature

*11/8/2005*  
Date

CYNTHIA L. FOULKE

Name of Person Signing

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

4

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, V.A. 22313-1450

CH \$40.00 140455 11244808

Docket No. 3161.PKG

**ASSIGNMENT**

WHEREAS, WE, JUSTIN A. MEHAFFY, DAVID DUCKWORTH AND JOHN RYE

residing at:

4 Crabapple Cove, Hampton, New Jersey 08827

46 The Hazels, Wilpshire, Lancashire, Blackburn BB1 9HZ

7733 Brook Farm Court, Mason, Ohio 45040

respectively, have invented certain novel and useful improvements in:

**INTERGRATED LOW APPLICATION TEMPERATURE HOT MELT ADHESIVE PROCESSING SYSTEM**

for which we executed a Declaration in an application for Letters Patent of the United States on

10/7, 10/5, & 10/13 2005, and of which we are the true inventors; and

WHEREAS, National Starch and Chemical Investment Holding Corporation (a corporation of the State of Delaware), 1000 Uniqema Boulevard, New Castle, Delaware 19720, is desirous of acquiring the entire right, title and interest in and to said invention, application and Letters Patent to be obtained therefor in the United States, and in all foreign countries;

NOW, THEREFORE, WE, JUSTIN A. MEHAFFY, DAVID DUCKWORTH AND JOHN RYE in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto said National Starch and Chemical Investment Holding Corporation, its successors and assigns, the entire and exclusive right, title and interest in and to said invention described in the specification executed by us on even date herewith, preparatory to obtaining Letters Patent of the United States therefor, and to said application, Letters Patent to be obtained for said invention, and any and all reissues, divisions, extensions or continuations thereof, and to any Letters Patent which may be applied for or granted for said invention in foreign countries, and the entire and exclusive right to have and claims the priority in all foreign countries pursuant to the provisions of the International Convention for the Protection of Industrial Property, based on said application including all rights to any accrued damages arising out of infringement during the time preceding and following grant of the Letters Patent and execution or recording of this assignment; and

WE HEREBY REQUEST the Director of the United States Patent and Trademark Office to issue said  
**PATENT**

**REEL: 016985 FRAME: 0144**

Letters Patent to said National Starch and Chemical Investment Holding Corporation, its successors and assigns as the assignee of our interest; and

WE HEREBY AGREE to execute any further papers necessary to secure said assignee in its full and complete enjoyment of its right to said invention, application, Letters Patent, reissues, divisions, extensions and continuations.

Date: 10/7/2005

Date: 5<sup>th</sup> OCTOBER 2005

Date: \_\_\_\_\_

Justin A. Mehauff  
JUSTIN A. MEHAFFY

David Duckworth  
DAVID DUCKWORTH

\_\_\_\_\_  
JOHN RYE

STATE OF NEW JERSEY     )  
  ) SS:  
COUNTY OF SOMERSET     )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2005 before me personally appeared **JUSTIN A. MEHAFFY** and to me known and known to me to be the person mentioned in and who executed the foregoing Assignment, and he duly acknowledged to me that he executed the same of his own free will and for the purposes therein set forth.

\_\_\_\_\_  
NOTARY PUBLIC

STATE OF NEW JERSEY     )  
  ) SS:  
COUNTY OF SOMERSET     )

On this 5<sup>th</sup> day of October, 2005 before me personally appeared **DAVID DUCKWORTH** and to me known and known to me to be the person mentioned in and who executed the foregoing Assignment, and he duly acknowledged to me that he executed the same of his own free will and for the purposes therein set forth.

Kathleen M. Mignella  
NOTARY PUBLIC  
KATHLEEN M. MIGNELLA  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 4/24/2007

STATE OF NEW JERSEY     )  
                                      ) SS:  
COUNTY OF SOMERSET     )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2005 before me personally appeared **JOHN RYE** and to me known and known to me to be the person mentioned in and who executed the foregoing Assignment, and he duly acknowledged to me that he executed the same of his own free will and for the purposes therein set forth.

\_\_\_\_\_  
NOTARY PUBLIC

Docket No. 3161.PKG

**ASSIGNMENT****WHEREAS, WE, JUSTIN A. MEHAFFY, DAVID DUCKWORTH AND JOHN RYE**

residing at:

**4 Crabapple Cove, Hampton, New Jersey 08827****46 The Hazels, Wilpshire, Lancashire, Blackburn BB1 9HZ****7733 Brook Farm Court, Mason, Ohio 45040**

respectively, have invented certain novel and useful improvements in:

**INTERGRATED LOW APPLICATION TEMPERATURE HOT MELT ADHESIVE PROCESSING SYSTEM**

for which we executed a Declaration in an application for Letters Patent of the United States on

**10/7, 10/5, & 10/13** 2005, and of which we are the true inventors; and

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NOW, THEREFORE, WE, **JUSTIN A. MEHAFFY, DAVID DUCKWORTH AND JOHN RYE** in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto said National Starch and Chemical Investment Holding Corporation, its successors and assigns, the entire and exclusive right, title and interest in and to said invention described in the specification executed by us on even date herewith, preparatory to obtaining Letters Patent of the United States therefor, and to said application, Letters Patent to be obtained for said invention, and any and all reissues, divisions, extensions or continuations thereof, and to any Letters Patent which may be applied for or granted for said invention in foreign countries, and the entire and exclusive right to have and claims the priority in all foreign countries pursuant to the provisions of the International Convention for the Protection of Industrial Property, based on said application including all rights to any accrued damages arising out of infringement during the time preceding and following grant of the Letters Patent and execution or recording of this assignment; and

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**PATENT**  
**REEL: 016985 FRAME: 0147**

Letters Patent to said National Starch and Chemical Investment Holding Corporation, its successors and assigns as the assignee of our interest; and

WE HEREBY AGREE to execute any further papers necessary to secure said assignee in its full and complete enjoyment of its right to said invention, application, Letters Patent, reissues, divisions, extensions and continuations.

Date: \_\_\_\_\_

\_\_\_\_\_  
JUSTIN A. MEHAFFY

Date: \_\_\_\_\_

\_\_\_\_\_  
DAVID DUCKWORTH

Date: 10/13/2005

\_\_\_\_\_  
JOHN RYE

STATE OF NEW JERSEY     )  
  ) SS:  
COUNTY OF SOMERSET     )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2005 before me personally appeared **JUSTIN A. MEHAFFY** and to me known and known to me to be the person mentioned in and who executed the foregoing Assignment, and he duly acknowledged to me that he executed the same of his own free will and for the purposes therein set forth.

\_\_\_\_\_  
NOTARY PUBLIC

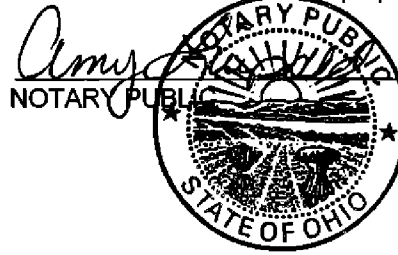
STATE OF NEW JERSEY     )  
  ) SS:  
COUNTY OF SOMERSET     )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2005 before me personally appeared **DAVID DUCKWORTH** and to me known and known to me to be the person mentioned in and who executed the foregoing Assignment, and he duly acknowledged to me that he executed the same of his own free will and for the purposes therein set forth.

\_\_\_\_\_  
NOTARY PUBLIC

STATE OF <sup>Ohio</sup>NEW JERSEY )  
COUNTY OF <sup>Hamilton</sup>SOMERSET ) SS:  
)

On this 13 day of Oct, 2005 before me personally appeared **JOHN RYE** and to me known and known to me to be the person mentioned in and who executed the foregoing Assignment, and he duly acknowledged to me that he executed the same of his own free will and for the purposes therein set forth.



AMY LUIPOLD  
Notary Public, State of Ohio  
My Commission Expires  
September 21, 2008