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RECORD

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03-14-2000

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101289593

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): MARY J. CASH;  
ANITA N. CHAN; HERBERT T. CONNER;  
PATRICK J. COWAN; ROBERT A. GELMAN; KATE M.  
LUSVARDI; SAMUEL A. THOMPSON; FRANK P. TISE  
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No  
(CASE 1)

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 5, 8 & 7 MARCH 1999,  
(respectively)

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

Name: HERCULES INCORPORATED

Internal Address: 8TH FL / LAW DEPT.

Street Address: HERCULES PLAZA,

1313 N. MARKET STREET

City: WILMINGTON State: DE ZIP: 19894-0001

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) 09/248,246

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: DAVID EDWARDS

Internal Address: 8th Fl / LAW DEPT.

Street Address: HERCULES PLAZA,

1313 N. MARKET STREET

City: WILMINGTON State: DE ZIP: 19894-0001

## 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:

08-1800

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

03/09/2000 DNGUYEN 00000157 081800 09248246

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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.

DAVID EDWARDS, ATTORNEY

Name of Person Signing

REG.NO. 27,293

David Edwards

Signature

2/7 /2000

Date

Total number of pages including cover sheet, attachments, and document: 8

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

PATENT  
REEL: 010605 FRAME: 0339

ASSIGNMENT

WHEREAS, we,

Mary Jean Cash  
 Anita Ngai Chan  
 Herbert Thompson Conner  
 Patrick Joseph Cowan  
 Robert Alan Gelman  
 Kate Marritt Lusvardi  
 Samuel Anthony Thompson  
 and Frank Peine Tise

residents respectively of:

Wilmington, in the County of New Castle, State of Delaware;  
 Wilmington, in the County of New Castle, State of Delaware;  
 Landenberg, in the County of Chester, State of Pennsylvania;  
 Hockessin, in the County of New Castle, State of Delaware;  
 Newark, in the County of New Castle, State of Delaware;  
 Chadds Ford, in the County of Delaware, State of Pennsylvania;  
 and Wilmington, in the County of New Castle, State of Delaware;  
 and Wilmington, in the County of New Castle, State of Delaware

have invented certain new and useful improvements in DERIVATIZED MICROFIBRILLAR POLYSACCHARIDE described in a patent application executed by us on the 5 day of MARCH, 1999; 5 day of March, 1999; 8<sup>th</sup> day of March, 1999; 8<sup>th</sup> day of March, 1999;      day of     , 1999; 7 day of March, 1999; 5 day of March, 1999; 8<sup>th</sup> day of March, 1999, and identified as Cash, Chan, Conner, Cowan, Gelman, Lusvardi, Thompson, & Tise Case 1, and which improvements, in and for the United States, its territories, dependencies and possessions, and for all foreign countries, we are now the joint owner; and

WHEREAS, HERCULES INCORPORATED, a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, and having its principal office and place of business in Wilmington, Delaware, is desirous of acquiring the entire right, title and interest, for the United States, its territories, dependencies and possessions, and for all foreign countries, in and to the said improvements, application, invention or inventions, and any Letters Patent that might be granted therefor or thereupon, the said HERCULES INCORPORATED, its successors and assigns, being hereinafter referred to as "HERCULES."

NOW, THEREFORE, be it known that for good and valuable consideration by us received from said HERCULES, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to and unto HERCULES, our entire right, title and interest, for and in the United States, its territories, dependencies and possessions, and for and in all foreign countries, in and to:

- (1) Said invention or inventions, and, in, to and under the above-identified patent application, and

- (2) All improvements and modifications of said invention or inventions which we, solely or jointly have made or conceived, or shall make or conceive, while we are employed by HERCULES, and
- (3) All Letters Patent which may be granted by the United States of America, and countries foreign thereto, for or upon said application, invention or inventions, or said improvements or modifications, and in, to and under all reissues and extensions of said Letters Patent, and in, to and under all renewals, divisions, substitutes and continuations of the aforesaid application, and of any application filed in any country for any improvement or modification mentioned in clause (2) above;

and we hereby authorize and request the Commissioner of Patents to issue all Letters Patent of the United States of America on the said invention or inventions to HERCULES as assignee of the entire interest therein.

The inventions and the improvements and modifications mentioned in clauses (1), (2), and (3), above, are hereinafter referred collectively as "said inventions".

And, for the above-mentioned considerations, we do hereby covenant and agree:

First: That we will promptly and fully disclose to HERCULES all such improvements and modifications invented by us, and we will freely, fully and promptly communicate (in writing if requested) to HERCULES, or its nominee, all facts, information and evidence possessed or known by or available to us which concern "said inventions", and, at the request of HERCULES, that we will testify in interferences and other legal proceedings which may involve "said inventions".

Second: That we will render HERCULES, at its expense, all assistance which in its sole opinion is necessary to obtain and enforce patent protection in the United States, its territories, dependencies and possessions, and countries foreign thereto, for "said inventions". If we are not employed by HERCULES, a reasonable per diem charge shall be paid by HERCULES for time spent by us in such connection.

Third: That we will, at the request and at the expense of HERCULES, but without further compensation therefor, execute - (a) any and all original, divisional, continuation, substitute, renewal or other applications for Letters Patent of the United States, its territories, dependencies and possessions, and of foreign countries, for "said inventions", (b) any and all applications for the reissue or extension of any Letters Patent of the United States, its territories, dependencies and possessions, and of foreign countries that may be granted upon said application or for "said inventions", and (c) all assignments and other papers that HERCULES may deem necessary or expedient to secure the grant of each and all of said Letters Patent to HERCULES, or its nominee, and to protect and vest in HERCULES the entire right, title and interest, for the United States, its territories, dependencies and possessions, and for foreign countries, in and to "said inventions" and Letters Patent of the United States, its territories, dependencies and possessions, and for foreign countries.

IN TESTIMONY WHEREOF, we have hereunto set our hand respectively this 5 day of MARCH, 1999; 5 day of March, 1999; 8th day of March, 1999; \_\_\_\_\_ day of \_\_\_\_\_, 1999; \_\_\_\_\_ day of \_\_\_\_\_, 1999; 7 day of March, 1999; 5 day of March, 1999; 8th day of March, 1999.

Mary Jean Cash (L.S.)  
Mary Jean Cash

Anita Ngai Chan (L.S.)  
Anita Ngai Chan

Herbert Thompson Conner (L.S.)  
Herbert Thompson Conner

Patrick Joseph Cowan (L.S.)  
Patrick Joseph Cowan

Robert Alan Gelman (L.S.)  
Robert Alan Gelman

Kate Marritt Lusvardi (L.S.)  
Kate Marritt Lusvardi

Samuel Anthony Thompson (L.S.)  
Samuel Anthony Thompson

Frank Peine Tise (L.S.)  
Frank Peine Tise

STATE OF DELAWARE )  
COUNTY OF NEW CASTLE ) SS.

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Mary Jean Cash, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he executed the said instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this 5<sup>th</sup> day of March, 1999.

Joseph G. Antall  
Notary Public

My commission expires 3-18-99

SEAL

Filed February 10, 1999

Cash, Chan, Conner, Cowan, Gelman, Lusvardi, Thompson & Tise Case 1

STATE OF Delaware )  
 ) SS.  
 COUNTY OF New Castle

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Anita Ngai Chan, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she executed the said instrument as her free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this 5<sup>th</sup> day of March, 1999.

Joseph F. Antkowiak  
 Notary Public

My commission expires 3-18-99

SEAL

STATE OF Delaware )  
 ) SS.  
 COUNTY OF New Castle

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Herbert Thompson Conner, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she executed the said instrument as her free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this 5<sup>th</sup> day of March, 1999.

Joseph F. Antkowiak  
 Notary Public

My commission expires 3-18-99

SEAL

Filed February 10, 1999

Cash, Chan, Conner, Cowan, Gelman, Lusvardi, Thompson & Tise Case 1

STATE OF DELAWARE )  
 ) SS.  
 COUNTY OF NEW CASTLE

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Patrick Joseph Cowan, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she executed the said instrument as her free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this 8<sup>th</sup> day of March, 1999.

Joseph G. Antrell  
 Notary Public

My commission expires 3-18-99

SEAL

STATE OF DELAWARE )  
 ) SS.  
 COUNTY OF NEW CASTLE

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Robert Alan Gelman, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she executed the said instrument as her free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this 8<sup>th</sup> day of March, 1999.

Joseph G. Antrell  
 Notary Public

My commission expires 3-18-99

SEAL

Cash, Chan, Conner, Cowan, Gelman, Lusvardi, Thompson & Tise Case 1

STATE OF Delaware )  
COUNTY OF New Castle ) SS.

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Kate Marritt Lusvardi, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she executed the said instrument as her free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this 7<sup>th</sup> day of March, 1999.

Steve J. Peterson  
Notary Public

My commission expires April 8, 2000

SEAL

STATE OF Delaware )  
COUNTY OF New Castle ) SS.

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Samuel Anthony Thompson, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she executed the said instrument as her free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this 5<sup>th</sup> day of March, 1999.

Joseph G. Anttila  
Notary Public

My commission expires 3-18-99

SEAL

STATE OF Delaware )  
 ) SS.  
COUNTY OF New Castle

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Frank Piene Tise, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she executed the said instrument as her free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this 8<sup>th</sup> day of March, 1999.

Joseph G. Hattall  
Notary Public

My commission expires 3-18-99

SEAL

Assignment8.pto