

04-16-2003



102421520

To the Honorable Commissioner of Patents and Trademarks

all documents or copy thereof.

1. Name of conveying party(ies):

Hrair Kirakossian
John S. Pease
Carsten Schelp

Marcel R. Pirio
Uwe Stohr
Andreas Wiegand

FINANCE SECTION

4-14-03

2. Name and address of receiving party(ies)

Name: Dade Behring Marburg GmbH

Internal Address: Legal Dept., Patents

Street Address: Emil-von Behring Strasse 76

Postfach 11 49

City: Marburg Country: Germany ZIP: D35001

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

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

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

Execution Dates: 10/22, 10/23, 10/26, 11/1/02 and 3/11/03

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)

10/220,623

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Dade Behring Inc

Internal Address: Legal Dept., Patents

Street Address: 1717 Deerfield Rd., #778

City: Deerfield State: IL ZIP: 60015-0778

6. Total number of applications and patents involved: 1

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

☐ Enclosed

☒ Authorized to be charged

8. Deposit account number:

04-0010

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

04/15/2003 TDIA71 00000080 040010 10220623

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01 FC-0021 40.00 CH

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.

Robert N. Carpenter

Name of Person Signing

Robert Carpenter
Signature

3-8

Date

, 2003

Total number of pages including cover sheet, attachments, and document: 1

**Assignment
(Joint Inventors)**

DADE BEHRING MARBURG GMBH

Dade Behring Marburg GmbH
Emil von Behring Strasse 76
Postfach 11 49
D-35001 Marburg
Germany

Serial No. ⁽¹⁾ _____ Filed ⁽¹⁾ _____

In consideration of ONE DOLLAR and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, we hereby assign to DADE BEHRING MARBURG GMBH (hereinafter referred to as "assignee"), a corporation of Delaware, having a principal place of business at Emil von Behring Strasse 76, Postfach 11 49, D-35001, Marburg, Germany, its successor, legal representatives and assigns, the entire right, title and interest throughout the world in our invention or improvements in

⁽²⁾ Carriers Coated with Polysaccharides, Their Preparation and Use

and in the application for Letters Patent of the United States therefor, executed by each of us individually on the date(s) indicated below and any and all other United States applications and applications in any and all countries which assignor may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States or of any other country which may be obtained on any of the said applications, and in any reissue or extension thereof.

We hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said DADE BEHRING MARBURG GMBH

We hereby authorize and request the attorneys of record in said application to insert in this assignment the date and serial number of said application when officially known.

We warrant ourselves to be the owners of interest herein assigned and to have the right to make this assignment; and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said considerations we hereby agree, upon request and at the expense of said assignee, its successors, legal representatives and assigns, to execute any and all divisional, continuation, and renewal applications for said invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application that said assignee, its successors, legal representatives and assigns may deem necessary or expedient, and for the said considerations we further agree, upon the request of assignee, its successors, legal representatives and assigns, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof becoming involved in interference, to cooperate to the best of our ability with said assignee, its successors, legal representatives and assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. We further agree to perform, upon such request, any and all affirmative acts to obtain Letters Patent, and vest all rights therein hereby conveyed in the said assignee, its successors, legal representatives and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, and for the said considerations assignor hereby also assigns to said assignee, its successors, legal representatives and assigns the entire right, title and interest in said invention or improvements for any and all foreign countries and the right of priority for patent and utility model application in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

WITNESS our hand and seal

Date _____ Signature _____

⁽³⁾ Typed Name: Hrair Kirakossian

⁽⁴⁾ State of _____ County of _____

Signed before me on this _____ day of _____, 20____

by _____
Inventor

Notary Public

Date 10-22-02 Signature John S. Pease

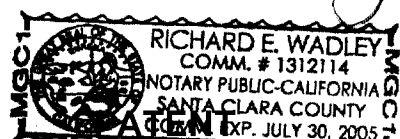
⁽³⁾ Typed Name: John S. Pease

⁽⁴⁾ State of CALIFORNIA County of SANTA CLARA

Signed before me on this 22ND day of OCTOBER, 2002

by JOHN S. PEASE
Inventor

Richard E. Wadley
Notary Public



Date _____ Signature _____
 (3) Typed Name: Carsten Schelp
 (4) State of _____ County of _____
 Signed before me on this _____ day of _____, 20____
 by _____
 Inventor

 Notary Public

Date _____ Signature _____
 (3) Typed Name: Marcel R. Pirio
 (4) State of _____ County of _____
 Signed before me on this _____ day of _____, 20____
 by _____
 Inventor

 Notary Public

Date _____ Signature _____
 (3) Typed Name: Uwe Stohr
 (4) State of _____ County of _____
 Signed before me on this _____ day of _____, 20____
 by _____
 Inventor

 Notary Public

Date _____ Signature _____
 (3) Typed Name: Andreas Wiegand
 (4) State of _____ County of _____
 Signed before me on this _____ day of _____, 20____
 by _____
 Inventor

 Notary Public

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WITNESS our hand and seal

Date 10-26-2002 Signature Hrair Kirakossian

⁽³⁾ Typed Name: Hrair Kirakossian

⁽⁴⁾ State of _____ County of _____

Signed before me on this _____ day of _____, 20____

by _____
Inventor

See Attached Document
Notary Public

Date _____ Signature _____

⁽³⁾ Typed Name: John S. Pease

⁽⁴⁾ State of _____ County of _____

Signed before me on this _____ day of _____, 20____

by _____
Inventor

Notary Public

Date _____ Signature _____
 (3) Typed Name: Carsten Schelp
 (4) State of _____ County of _____
 Signed before me on this _____ day of _____, 20____
 by _____
 Inventor

 Notary Public

Date _____ Signature _____
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 (4) State of _____ County of _____
 Signed before me on this _____ day of _____, 20____
 by _____
 Inventor

 Notary Public

Date _____ Signature _____
 (3) Typed Name: Uwe Stohr
 (4) State of _____ County of _____
 Signed before me on this _____ day of _____, 20____
 by _____
 Inventor

 Notary Public

Date _____ Signature _____
 (3) Typed Name: Andreas Wiegand
 (4) State of _____ County of _____
 Signed before me on this _____ day of _____, 20____
 by _____
 Inventor

 Notary Public

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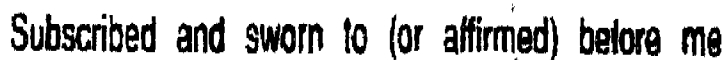
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State of

County of

\$5.



this 26th day of OCT, 2022, by
Date Month Year

(1) Robert K. Kloss, Jr.
Name of Signer(s)

(2) _____
Name of Signer(s)

Sangul & Shelton
Signature of Notary Public

OPTIONAL

Though the information in this section is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: ASSignment

Document Date: 11/17 Number of Pages: 3

Signer(s) Other Than Named Above: _____

<p>ALSO THUMB HERE</p> <p>OF OWNER AT</p> <p>Top of thumb here</p>	<p>ALSO SIGN HERE AT</p> <p>THE CENTER</p> <p>Top of thumb here</p>
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PATENT

**Assignment
(Joint Inventors)**

DADE BEHRING MARBURG GMBH

Dade Behring Marburg GmbH
Emil von Behring Strasse 76
Postfach 11 49
D-35001 Marburg
Germany

Serial No. ⁽¹⁾ _____ Filed ⁽¹⁾ _____

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WITNESS our hand and seal

Date _____ Signature _____

⁽³⁾ Typed Name: Hrair Kirakossian

⁽⁴⁾ State of _____ County of _____

Signed before me on this _____ day of _____, 20____

by _____
Inventor

Notary Public

Date _____ Signature _____

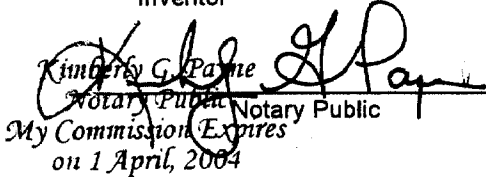
⁽³⁾ Typed Name: John S. Pease

⁽⁴⁾ State of _____ County of _____

Signed before me on this _____ day of _____, 20____

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Inventor

Notary Public

Date 11-01-02 Signature Carsten Schelp Date _____ Signature _____
 (3) Typed Name: Carsten Schelp (3) Typed Name: Marcel R. Pirio
 (4) State of DE County of New Castle (4) State of _____ County of _____
 Signed before me on this 1st day of Nov., 2002 Signed before me on this _____ day of _____, 20____
 by Carsten Schelp by _____
 Inventor Inventor
 _____
 Notary Public Notary Public

Date _____ Signature _____ Date _____ Signature _____
 (3) Typed Name: Uwe Stohr (3) Typed Name: Andreas Wiegand
 (4) State of _____ County of _____ (4) State of _____ County of _____
 Signed before me on this _____ day of _____, 20____ Signed before me on this _____ day of _____, 20____
 by _____ by _____
 Inventor Inventor

 Notary Public Notary Public

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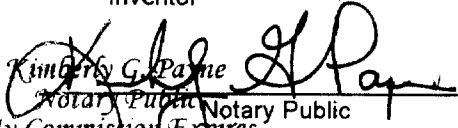
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---	---

Date _____ Signature _____ (3) Typed Name: <u>Uwe Stohr</u> (4) State of _____ County of _____ Signed before me on this _____ day of _____, 20____ by _____ Inventor _____ Notary Public	Date _____ Signature _____ (3) Typed Name: <u>Andreas Wiegand</u> (4) State of _____ County of _____ Signed before me on this _____ day of _____, 20____ by _____ Inventor _____ Notary Public
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⁽²⁾ Carriers Coated with Polysaccharides, Their Preparation and Use

and in the application for Letters Patent of the United States therefor, executed by each of us individually on the date(s) indicated below and any and all other United States applications and applications in any and all countries which assignor may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States or of any other country which may be obtained on any of the said applications, and in any reissue or extension thereof.

We hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said DADE BEHRING MARBURG GMBH

We hereby authorize and request the attorneys of record in said application to insert in this assignment the date and serial number of said application when officially known.

We warrant ourselves to be the owners of interest herein assigned and to have the right to make this assignment; and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said considerations we hereby agree, upon request and at the expense of said assignee, its successors, legal representatives and assigns, to execute any and all divisional, continuation, and renewal applications for said invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application that said assignee, its successors, legal representatives and assigns may deem necessary or expedient, and for the said considerations we further agree, upon the request of assignee, its successors, legal representatives and assigns, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof becoming involved in interference, to cooperate to the best of our ability with said assignee, its successors, legal representatives and assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. We further agree to perform, upon such request, any and all affirmative acts to obtain Letters Patent, and vest all rights therein hereby conveyed in the said assignee, its successors, legal representatives and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, and for the said considerations assignor hereby also assigns to said assignee, its successors, legal representatives and assigns the entire right, title and interest in said invention or improvements for any and all foreign countries and the right of priority for patent and utility model application in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

WITNESS our hand and seal

Date 3-11-03 Signature Marcel Rene Pirio

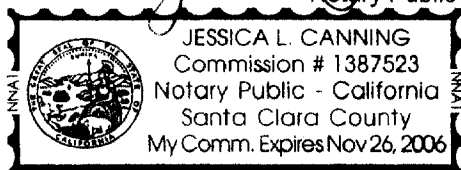
⁽³⁾ Typed Name: Marcel R. Pirio

⁽⁴⁾ State of California County of Santa Clara

Signed before me on this 1st day of March, 2003

by Marcel Rene Pirio
Inventor

Jessica L. Canning
Notary Public



Date _____ Signature _____

⁽³⁾ Typed Name: _____

⁽⁴⁾ State of _____ County of _____

Signed before me on this _____ day of _____, 20____

by _____
Inventor

Notary Public

Assignment (Joint Inventors)

DADE BEHRING MARBURG GMBH

Dade Behring Marburg GmbH
Emil von Behring Strasse 76
Postfach 11 49
D-35001 Marburg
Germany

Serial No. (1) _____ Filed (1) _____

In consideration of ONE DOLLAR and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, we hereby assign to DADE BEHRING MARBURG GMBH (hereinafter referred to as "assignee"), a corporation of Delaware, having a principal place of business at Emil von Behring Strasse 76, Postfach 11 49, D-35001, Marburg, Germany, its successor, legal representatives and assigns, the entire right, title and interest throughout the world in our invention or improvements in

(2) Carriers Coated with Polysaccharides, Their Preparation and Use

and in the application for Letters Patent of the United States therefor, executed by each of us individually on the date(s) indicated below and any and all other United States applications and applications in any and all countries which assignor may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States or of any other country which may be obtained on any of the said applications, and in any reissue or extension thereof.

We hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said DADE BEHRING MARBURG GMBH

We hereby authorize and request the attorneys of record in said application to insert in this assignment the date and serial number of said application when officially known.

We warrant ourselves to be the owners of interest herein assigned and to have the right to make this assignment; and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said considerations we hereby agree, upon request and at the expense of said assignee, its successors, legal representatives and assigns, to execute any and all divisional, continuation, and renewal applications for said invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application that said assignee, its successors, legal representatives and assigns may deem necessary or expedient, and for the said considerations we further agree, upon the request of assignee, its successors, legal representatives and assigns, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof becoming involved in interference, to cooperate to the best of our ability with said assignee, its successors, legal representatives and assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. We further agree to perform, upon such request, any and all affirmative acts to obtain Letters Patent, and vest all rights therein hereby conveyed in the said assignee, its successors, legal representatives and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, and for the said considerations assignor hereby also assigns to said assignee, its successors, legal representatives and assigns the entire right, title and interest in said invention or improvements for any and all foreign countries and the right of priority for patent and utility model application in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

WITNESS our hand and seal

Date _____ Signature _____

(3) Typed Name: Hrair Kirakossian

(4) State of _____ County of _____

Signed before me on this _____ day of _____, 20____

by _____
Inventor

Notary Public

Date _____ Signature _____

(3) Typed Name: John S. Pease

(4) State of _____ County of _____

Signed before me on this _____ day of _____, 20____

by _____
Inventor

Notary Public

Date _____ Signature _____
 (3) Typed Name: Carsten Schelp
 (4) State of _____ County of _____
 Signed before me on this _____ day of _____, 20____
 by _____
 Inventor

 Notary Public

Date _____ Signature _____
 (3) Typed Name: Marcel R. Pirio
 (4) State of _____ County of _____
 Signed before me on this _____ day of _____, 20____
 by _____
 Inventor

 Notary Public

Date 10/23/02 Signature [Signature]
 (3) Typed Name: Uwe Stöhr
 (4) State of Germany County of Marburg-Biedenkopf
 Signed before me on this 23 day of october, 2002
 by Uwe Stöhr
 Inventor
[Signature]
 Rösch, Notary Public

Date 10/23/02 Signature [Signature]
 (3) Typed Name: Andreas Wiegand
 (4) State of Germany County of Schwalm-Eder
 Signed before me on this 23 day of october, 2002
 by Andreas Wiegand
 Inventor
[Signature]
 Rösch, Notary Public

See reverse side for instructions to complete this form.
 THIS DOCUMENT MUST BE EXECUTED IN THE PRESENCE OF A NOTARY PUBLIC

INSTRUCTIONS FOR JOINT INVENTOR ASSIGNMENT

- A. This assignment form is to be used when the patent application has more than one inventor. The inventors need not execute the assignment at the same time.
- B. The assignment must be signed in the presence of a notary public, who will put his or her seal in the space provided. Each signature must be notarized by a notary public who witnesses the signature. If one or more inventors execute the assignment separately, notarization of their signatures may be done by the same or a different notary.
- C. The following instructions are applicable to the blank spaces identified by the numbers on the assignment form:
- (1). These spaces will normally be blank at the time of execution. They will be filled in by the Patent Department after the patent application has been filed and an application number has been obtained.
 - (2). Enter the title (name) of the patent application.
 - (3). Type the full name of each inventor under the respective signature lines. Each inventor is to sign exactly as the name has been typed, and enter the date that he or she signs.
 - (4). These blanks are to be completed by the notaries. The name of each inventor that appeared before the notary is to be entered in the space provided.
- D. If there are not enough signature spaces on this sheet for each of the named inventors, additional signature sheets are available from the Patent Department. When used attach or staple the additional signature sheets to this document.
- E. Other assignment forms are available from the patent Department for use by sole inventors.

No. 61/2002

is officially certified hereby, that

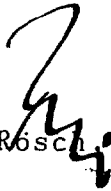
Mr. Uwe Stöhr, born in Lauterbach on 14. 06. 1955,
resident of Germany, 35043 Marburg-Moischt, Am
Nußacker 12 - holder of Germany Identity Card
number 4309991601 -

and

Mr. Andreas Wiegand, born in Treysa on 03. 06. 1963,
resident of Germany, 34613 Schwalmstadt-Ziegenhain,
Brüder-Grimm-Straße 8 - holder of Germany Identity
Card number 4443265150 -

have signed this document.

Marburg, 23. Oktober 2002

 Röscher, notary public