

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
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RECORDATION FORM COVER SHEET PATENTS ONLY

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)/Execution Date(s):

Kevin Bernard Ray
Carol Ann Kreader
Fuqlang Chen
David Eric Cutter

Execution Date(s) 6/28/05; 6/27/05; 5/26/05; and 5/26/05

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

2. Name and address of receiving party(ies)

Name: Sigma-Aldrich Co.

Internal Address: _____

Street Address: 3050 Spruce Street

City: St. Louis

State: Missouri

Country: USA Zip: 63103

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

11/108,317

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Kathryn J. Doty

Internal Address: _____

POLSINELLI SHALTON WELTE SUELTHAUS PC

Street Address: 100 S. Fourth, Suite 1100

City: St. Louis

State: Missouri Zip: 63102

Phone Number: (314) 552-6850

Fax Number: (314) 231-1950

Email Address: kdoty@pswslaw.com

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)

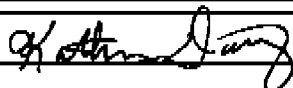
8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-1662

Authorized User Name Kathryn J. Doty

9. Signature:



Signature

July 7, 2005

Date

Kathryn J. Doty

Name of Person Signing

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

6

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5895, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 501662 11108317

We hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 29 day of June, 2005.

at 9:30

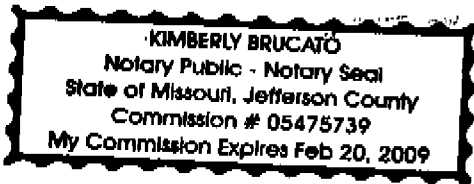
K. B.
Kevin Bernard Ray

State of Missouri) SS:
County of St. Louis City

Before me personally appeared *Kevin Bernard Ray* and acknowledged the foregoing instrument to be his free act and deed this 28 day of June, 2005.

Kimberly Brucato
(Notary Public)

Seal



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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

101484 (SIG0015PRO)

Whereas, we, Kevin Bernard Ray of Ballwin, Missouri, Carol Ann Kreader of Kirkwood, Missouri, Fupiang Chen of St. Louis, Missouri and David Eric Cutter of High Ridge, Missouri, hereafter referred to as applicants, have invented certain new and useful improvements in PROCESS FOR THE REDUCTION OF ENDOTOXINS IN A PLASMID PREPARATION USING A CARBOHYDRATE NON-IONIC DETERGENT WITH SILICA CHROMATOGRAPHY

for which an application for a United States Patent was filed on April 18, 2005

Application Number 11/108,317

for which an application for a United States Patent was executed on _____, and

Whereas, Sigma-Aldrich Co. of St. Louis, Missouri herein referred to as "assignee" whose post office address is 3050 Spruce Street, St. Louis, Missouri 63103, is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, we, the applicants, 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 the world, and the entire right, title and interest in and to any and all Patents which may be granted therefor throughout the world, in, to, and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
- (b) said application;
- (c) any and all refilings, divisions, continuations, continuations-in-part, continued prosecution application, and request for continued examination of said application;
- (d) any and all Letters Patent of the United States of America which may issue from said application, refilings, divisions, continuations, continuations-in-part, continued prosecution application, and request for continued examination;
- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions, and continuations of said foreign-filed applications;
- (h) any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions, and continuations; and
- (i) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

Executed this 27 day of 6, 2005.
at 2:49 P

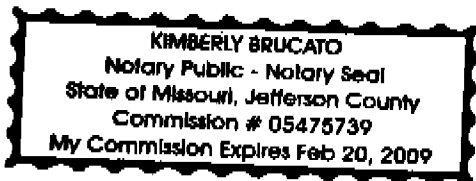
Carol Ann Kreader
Carol Ann Kreader

State of Missouri) SS:
County of St. Louis City

Before me personally appeared Carol Ann Kreader and acknowledged
the foregoing instrument to be her free act and deed this 27
day of June, 2005.

Kimberly Brucato
(Notary Public)

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Executed this 26 day of May 2005.
at 2 PM

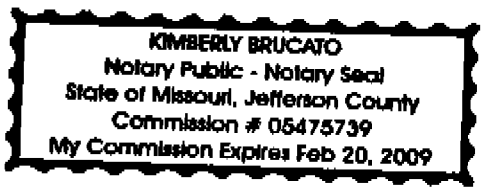
Fuqiang Chen
Fuqiang Chen

State of Missouri) SS:
County of St. Louis City

Before me personally appeared Fuqiang Chen and acknowledged
the foregoing instrument to be his free act and deed this 26
day of MAY, 2005.

Kimberly Brucato
(Notary Public)

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Executed this 26 day of MAY, 2005,
at 3:17 p.m.

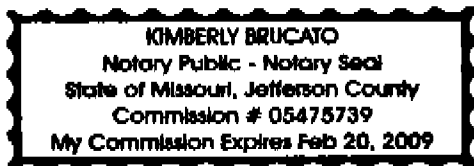
David Eric Cutter
David Eric Cutter

State of MISSOURI) SS:
County of ST. LOUIS CITY

Before me personally appeared David Eric Cutter and acknowledged
the foregoing instrument to be his free act and deed this 26
day of MAY, 2005.

Kimberly Brucato
(Notary Public)

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Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

CERTIFICATE OF FILING BY "FACSIMILE"				Matter No.
Applicants: Kevin Bernard Ray et al.				101484 (SIG0015PRO)
Application No.	Date Filed:	Confirm. No.	Art Unit	Examiner
11/108,317	April 18, 2005	7292	1623	To Be Assigned
Invention: PROCESS FOR THE REDUCTION OF ENDOTOXINS IN A PLASMID PREPARATION USING A CARBOHYDRATE NON-IONIC DETERGENT WITH SILICA CHROMATOGRAPHY				

I hereby certify that a Recordation Form Cover Sheet (1 page); a copy of Assignment of Invention (5 pages) and a Certificate of Filing by Facsimile (1 page) are being transmitted via facsimile to Assignment Division, Commissioner for Patents, Alexandria, VA 22313 at fax no. 703-306-5995, this 7th day of July, 2005. The Commissioner is authorized to charge the fees which are required to Deposit Account No. 50-1662;

M. Sue Clements
 (Typed or Printed Name of Person Making Transmission)

M. Sue Clements
 (Signature of Person Making Transmission)

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 JJMON 291971