

med 2-20-98

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

03-25-1998

U.S. Department of Commerce
Patent and Trademark Office
PATENT

FEB 2 1998



100672730
**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- New
- Resubmission (Non-Recordation)
Document ID#
- Correction of PTO Error
Reel # Frame #
- Corrective Document
Reel # Frame #

Conveyance Type

- Assignment Security Agreement
 - License Change of Name
 - Merger Other
- U.S. Government**
(For Use ONLY by U.S. Government Agencies)
- Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Execution Date Month Day Year

Name (line 2)

Second Party

Name (line 1) Execution Date Month Day Year

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

03/23/1998 PWILSON 00000026 DA#022336 08914207
02 FC:581 40.00 CH

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box 9950, Washington, D.C. 20281 3

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

#

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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| <input type="text" value="08/914,207"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

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| PCT <input type="text"/> | PCT <input type="text"/> | PCT <input type="text"/> |

Number of Properties

Enter the total number of properties involved.

#

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:
Deposit Account

Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Thomas J. Dodd

February 20, 1998

Name of Person Signing

Signature

Date

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Seetharamulu Peddaiahgari

Execution Date
Month Day Year
08 19 97

Name (line 2)

Name (line 1) Yao, Shijie

Execution Date
Month Day Year
08 19 97

Name (line 2)

Name (line 1) Petluru, Pavankumar N.V.

Execution Date
Month Day Year
08 26 97

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

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Patent Number(s)

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RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Reddy, Dasharatha

Execution Date
Month Day Year
08 22 97

Name (line 2)

Name (line 1) Murali, Dhanabalan

Execution Date
Month Day Year
08 22 97

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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Address (line 3) City State/Country Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

X-0017

Whereas, I, Frederick H. Hausheer of Boerne, Texas, hereafter referred to as applicant, have invented certain new and useful improvements in Highly Lipophilic Camptothecin Derivatives

for which an application for a United States Patent was filed on 08/19/97,
Application Number 08 / 914,207.

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

Whereas, BioNumerik Pharmaceuticals, Inc. San Antonio, Texas herein referred to "assignee" whose post office address is 8122 Datapoint Drive, Suite 1250 is desirous of acquiring the entire right, title and interest in the same;

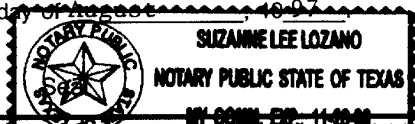
Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I 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 18th day of August, 1997,
at San Antonio, Texas

(Signature)

State of Texas) SS:
County of Bexar)

Before me personally appeared said Frederick H. Hausheer
and acknowledged the foregoing instrument to be his free act and deed this 18th
day of August, 1997.



(Notary Public)

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, 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.

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
X-0017

Whereas, I, Kochat Haridas of San Antonio, Texas, hereafter referred to as applicant, have invented certain new and useful improvements in Highly Lipophilic Camptothecin Derivatives

for which an application for a United States Patent was filed on 08/19/97, Application Number 08 / 914,207.

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

BioNumerik

Whereas, Pharmaceuticals, Inc. of San Antonio, Texas herein referred to "assignee" whose post office address is 8122 Datapoint Drive, Suite 1250 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, 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 entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I 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 19th day of August, 1997,
at San Antonio, Texas

Kochat Haridas
(Signature)

State of Texas) SS:
County of Bexar)
Before me personally appeared said Kochat Haridas
and acknowledged the foregoing instrument to be his free act and deed this 19th
day of August, 1997.

Suzanne Lee Lozano
(Notary Public)



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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
X-0017

Whereas, I, Peddaiahgari Seetharamulu of San Antonio, Texas, hereafter referred to as applicant, have invented certain new and useful improvements in Highly Lipophilic Camptothecin Derivatives

for which an application for a United States Patent was filed on 08/19/97,
Application Number 08 / 914,207

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

Whereas, Pharmaceuticals, Inc. of San Antonio, Texas herein referred to "assignee" whose post office address is 8122 Datapoint Drive, Suite 1250 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, 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 entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I 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 19th day of August, 1997,
at San Antonio, Texas

Peddaiahgari Seetharamulu
(Signature)

State of Texas) SS:
County of Bexar)

Before me personally appeared said Peddaiahgari Seetharamulu and acknowledged the foregoing instrument to be his free act and deed this 19th day of August, 1997.



Suzanne Lee Lozano
(Notary Public)

Burden Hour State Patent Form PTO/SB/15 (8-96) 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, Patent and Trademark Office Washington, DC 20231. DO NOT SEND REFS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks Washington, DC 20231.

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
X-0017

Whereas, I, Shijie Yao of San Antonio, Texas, hereafter referred to as applicant, have invented certain new and useful improvements in Highly Lipophilic Camptothecin Derivatives

for which an application for a United States Patent was filed on 08/19/97, Application Number 08 / 914,207.

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

BioNumerik

Whereas, Pharmaceuticals, Inc. of San Antonio, Texas herein referred to "assignee" whose post office address is 8122 Datapoint Drive, Suite 1250 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, 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 entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I 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.

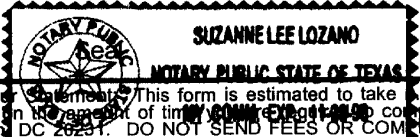
Executed this 19th day of August, 1997,
at San Antonio, Texas

Shijie Yao
(Signature)

State of Texas) SS:
County of Bexar)

Before me personally appeared said Shijie Yao and acknowledged the foregoing instrument to be his free act and deed this 19th day of August, 1997.

Suzanne Lee Lozano
(Notary Public)



Burden Hours: This form is estimated to take 1 hour to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time to complete this form should be sent to the Chief Information Officer, 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.

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| | |
|----------------------------------|------------------------------------|
| ASSIGNMENT OF APPLICATION | Docket Number (Optional) X-0017 |
|----------------------------------|------------------------------------|

Whereas, I, Pavankumar N.V. Petluru of San Antonio, Texas, hereafter referred to as applicant, have invented certain new and useful improvements in Highly Lipophilic Camptothecin Derivatives

for which an application for a United States Patent was filed on 08/19/97, Application Number 08 / 914,207.

for which an application for a United States Patent was executed on _____, and BioNumerik Pharmaceuticals, Inc. of San Antonio, Texas herein referred to "assignee" whose post office address is 8122 Datapoint Drive, Suite 1250 is desirous of acquiring the entire right, title and interest in the same;


Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, 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 entire right, title and interest in and to any and all Patents which may be granted therefor in the United States. I 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 26th day of August, 1997,
at San Antonio, Texas

Pavankumar N.V. Petluru

(Signature)

State of Texas) SS:
County of Bexar)
Before me personally appeared said Pavankumar N.V. Petluru
and acknowledged the foregoing instrument to be his free act and deed this 26th
day of August, 1997.



SUZANNE LEE LOZANO
NOTARY PUBLIC STATE OF TEXAS

Suzanne Lee Lozano

(Notary Public)

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 accuracy of time will be appreciated. This form should be sent to the Chief Information Officer, 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.

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| | |
|----------------------------------|------------------------------------|
| ASSIGNMENT OF APPLICATION | Docket Number (Optional) X-0017 |
|----------------------------------|------------------------------------|

Whereas, I, Dasharatha Reddy of San Antonio, Texas, hereafter referred to as applicant, have invented certain new and useful improvements in Highly Lipophilic Camptothecin Derivatives

for which an application for a United States Patent was filed on 08/19/97, Application Number 08 / 914,207.

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

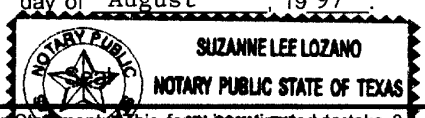
Whereas, Pharmaceuticals, Inc. of San Antonio, Texas herein referred to "assignee" whose post office address is 8122 Datapoint Drive, Suite 1250 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, 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 entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I 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 20th day of August, 1997, at San Antonio, Texas

[Signature]
(Signature)

State of Texas) SS:
County of Bexar)
Before me personally appeared said Dasharatha Reddy
and acknowledged the foregoing instrument to be his free act and deed this 22nd
day of August, 1997.



[Signature]
(Notary Public)

Burden Hour Statement: This form is estimated to take 0.5 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, 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.

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
X-0017

Whereas, I, Dhanabalan Murali of San Antonio, Texas, hereafter referred to as applicant, have invented certain new and useful improvements in Highly Lipophilic Camptothecin Derivatives

for which an application for a United States Patent was filed on 08/19/97, Application Number 08 / 914,207.

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

Whereas, Pharmaceuticals, Inc. of San Antonio, Texas herein referred to "assignee" whose post office address is 8122 Datapoint Drive, Suite 1250 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, 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 entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I 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 22nd day of August, 19 97,
at San Antonio, Texas

D. Murali
(Signature)

State of Texas) SS:
County of Bexar)

Before me personally appeared said Dhanabalan Murali and acknowledged the foregoing instrument to be his free act and deed this 22nd day of August, 19 97.



Suzanne Lee Lozano
(Notary Public)

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, 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.



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2-20-98

Date of Deposit

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of person mailing correspondence

Suzanne Lozano

Typed or printed name of person mailing correspondence

Note: Each paper must have its own certificate of mailing by "Express Mail".