

05-08-2000

U.S. Department of Commerce
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PATENT



101348935

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Submission Type

☒ New
☐ Resubmission (Non-Recordation)
Document ID#
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Reel # Frame #
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Conveyance Type

☒ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
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☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached
Execution Date
Month Day Year

Name (line 1) Frederick H. Hausheer

4/14/00

Name (line 2)

Second Party

Name (line 1) Thomas J. Dodd

Execution Date
Month Day Year

4/14/00

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) BioNumerik Pharmaceuticals, Inc.

Name (line 2)

Address (line 1) 8122 Datapoint Drive

Address (line 2) Suite 1250

Address (line 3) San Antonio

City

State/Country

78229

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.)

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)

05/05/2000 DNGUYEN 00000506 022338 09225694

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Mail documents to be recorded with required cover sheet(s) information to:
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PATENT

REEL: 010742 FRAME: 0965

Correspondent Name and Address

Area Code and Telephone Number (210) 614-1701

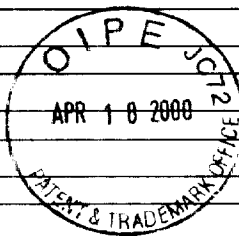
Name Thomas J. Dodd, Senior Patent Counsel

Address (line 1) BioNumerik Pharmaceuticals, Inc.

Address (line 2) 8122 Datapoint Drive

Address (line 3) Suite 1250

Address (line 4) San Antonio, Texas 78229



Pages

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

22

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)

09/225,694

09/225,702

09/225,693

Patent Number(s)

5,919,816

6,040,312

6,040,294

6,048,849

6,043,249

6,046,234

6,040,304

6,046,159

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.

PCT PCT PCT
PCT PCT PCT

Number of Properties

Enter the total number of properties involved. # 11

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 440.00

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: # 02-2338

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

Name of Person Signing

Signature

4/14/00

Date

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
X-0063C

Whereas, I, **Thomas J. Dodd** of **Boerne, Texas**, hereafter referred to as applicant, have invented certain new and useful improvements in

Formulations and Methods of Reducing Toxicity of Antineoplastic Agents

- ☒ for which an application for a United States Patent was filed on **1/6/99**,
Application Number **09/225,694**
- ☐ for which an application for a United States Patent was executed on _____, and

Whereas, **BioNumerik Pharmaceuticals, Inc.** of **San Antonio, Texas** herein referred to "assignee" whose post office address is **8122 Datapoint Drive, San Antonio, Texas 78229** 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.

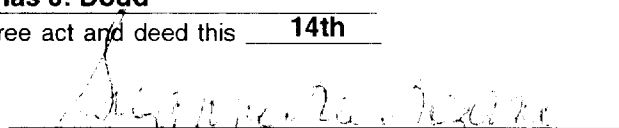
Executed this **14th** day of **April**, **2000**,
at **Boerne, Texas**


(Signature)

State of **Texas**) SS:
County of **Bexar**)

Before me personally appeared said **Thomas J. Dodd**
and acknowledged the foregoing instrument to be his free act and deed this **14th**

day of **April**, **2000**

NOTARY PUBLIC
STATE OF TEXAS
My Comm. Expires **12-11-2002**


(Notary Public)

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
X-0063D

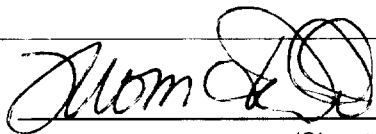
Whereas, I, **Thomas J. Dodd** of **Boerne, Texas**, hereafter referred to as applicant, have invented certain new and useful improvements in **Formulations and Methods of Reducing Toxicity of Antineoplastic Agents**

- ☒ for which an application for a United States Patent was filed on **1/6/99**,
Application Number **09/225,702**
- ☐ for which an application for a United States Patent was executed on _____, and

Whereas, **BioNumerik Pharmaceuticals, Inc.** of **San Antonio, Texas** herein referred to "assignee" whose post office address is **8122 Datapoint Drive, San Antonio, Texas 78229** is desirous of acquiring the entire right, title and interest in the same;

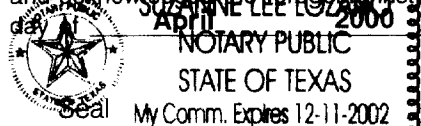
Now, therefore, in consideration of the sum of **one** dollars (\$ **\$1.00**), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the 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 **14th** day of **April**, **2000**,
at **Boerne, Texas**


(Signature)

State of **Texas**) SS:
County of **Bexar**)

Before me personally appeared said **Thomas J. Dodd**
and acknowledged the foregoing instrument to be his free act and deed this **14th**


NOTARY PUBLIC
STATE OF TEXAS
My Comm. Expires 12-11-2002


(Notary Public)

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

X-0063EWhereas, I, **Thomas J. Dodd** of **Boerne, Texas**, hereafter

referred to as applicant, have invented certain new and useful improvements in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic Agents☒ for which an application for a United States Patent was filed on **1/6/99**,
Application Number **09/225,693**☐ for which an application for a United States Patent was executed on _____, andWhereas, **BioNumerik Pharmaceuticals, Inc.** of **San Antonio, Texas** herein referred to"assignee" whose post office address is **8122 Datapoint Drive, San Antonio, Texas 78229** is de-

sires 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 ac-

knowledge, 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;


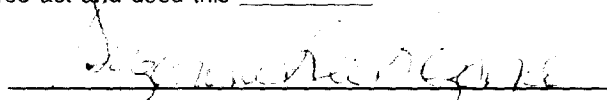
and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may

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 **14th** day of **April**, **2000**,at **Boerne, Texas**

(Signature)

State of **Texas** SS:County of **Bexar**Before me personally appeared said **Thomas J. Dodd**
and he acknowledged to be his free act and deed this **14th**day of **April**, **2000** **NOTARY PUBLIC****STATE OF TEXAS**Seal My Comm. Expires **12-11-2002**

(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.

ASSIGNMENT OF PATENT

Docket Number (optional)

X-0063

Whereas, I, Thomas J. Dodd of Boerne, Texas, hereinafter

referred to as patentee, did obtain a United States Patent for an improvement in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic AgentsNo. 5,919,816, dated 7/6/99; and whereas, I am now the sole
owner of said patent, and.Whereas, BioNumerik Pharmaceuticals, Inc.of San Antonio, Texashereinafter referred to as "assignee" whose post office address is 8122 Datapoint Drive,
Suite 1250City of San Antonio, and State of Texas

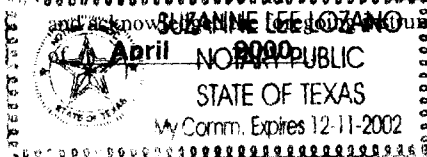
is desirous of acquiring the entire right, title and interest in the same;

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 patentee, by these presents
do sell, assign and transfer unto said assignee the entire right, title and interest in and to the said
Patent aforesaid; the same to be held and enjoyed by the said assignee for his own use and
behalf, and for his legal representatives and assigns, to the full end of the term for which said
Patent is granted, as fully and entirely as the same would have been held by me had this
assignment and sale not been made.Executed this 14th day of April, 2000,at San Antonio, Texas

(Signature)

State of TexasCounty of Bexar

SS:

Thomas J. DoddBefore me personally appeared said _____
and acknowledged to me that he executed the foregoing instrument to be his free act and deed this 14th day

Seal



(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

ASSIGNMENT OF PATENT

Docket Number (optional)

X-0063AWhereas, I, **Thomas J. Dodd** of **Boerne, Texas**, hereinafter

referred to as patentee, did obtain a United States Patent for an improvement in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic AgentsNo. **6,040,312**, dated **3/21/2000**; and whereas, I am now the sole

owner of said patent, and,

Whereas, **BioNumerik Pharmaceuticals, Inc.**of **San Antonio, Texas**hereinafter referred to as "assignee" whose post office address is **8122 Datapoint Drive,****Suite 1250**City of **San Antonio**, and State of **Texas**

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 patentee, by these presents

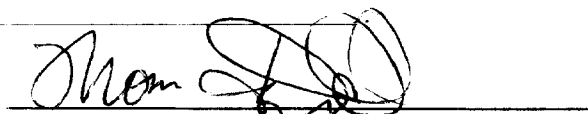
do sell, assign and transfer unto said assignee the entire right, title and interest in and to the said

Patent aforesaid; the same to be held and enjoyed by the said assignee for his own use and

behoof, and for his legal representatives and assigns, to the full end of the term for which said

Patent is granted, as fully and entirely as the same would have been held by me had this

assignment and sale not been made.

Executed this **14th** day of **April**, **2000**,at **San Antonio, Texas**

(Signature)

State of **Texas**County of **Bexar**

SS:

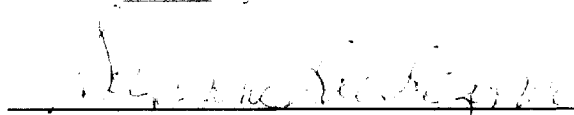
Before me personally appeared said **Thomas J. Dodd**and acknowledged to me that he executed this **14th** day**April** **2000** **SUZANNE LOZANO**

NOTARY PUBLIC

STATE OF TEXAS

My Comm. Expires 12-11-2002

Seal



(Notary Public)

ASSIGNMENT OF PATENT

Docket Number (optional)

X-0063B

Whereas, I, **Thomas J. Dodd** of **Boerne, Texas**, hereinafter referred to as patentee, did obtain a United States Patent for an improvement in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic Agents

No. **6,040,294**, dated **3/21/2000**; and whereas, I am now the sole owner of said patent, and,

Whereas, **BioNumerik Pharmaceuticals, Inc.**

of **San Antonio, Texas**

hereinafter referred to as "assignee" whose post office address is **8122 Datapoint Drive, Suite 1250**

City of **San Antonio**, and State of **Texas**

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 patentee, by these presents do sell, assign and transfer unto said assignee the entire right, title and interest in and to the said Patent aforesaid; the same to be held and enjoyed by the said assignee for his own use and behoof, and for his legal representatives and assigns, to the full end of the term for which said Patent is granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this **14th** day of **April**, **2000**

at **San Antonio, Texas**



(Signature)

State of **Texas**

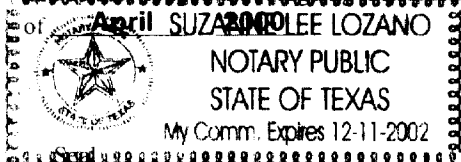
County of **Bexar**

SS:

Before me personally appeared said **Thomas J. Dodd**

and acknowledged the foregoing instrument to be his free act and deed this **14th** day

of **April**, **2000**




(Notary Public)

ASSIGNMENT OF PATENT

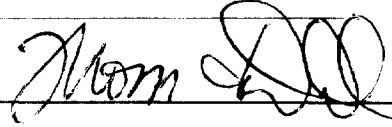
Docket Number (optional)

X-0063FWhereas, I, **Thomas J. Dodd** of **Boerne, Texas**, hereinafter

referred to as patentee, did obtain a United States Patent for an improvement in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic AgentsNo. **6,048,849**, dated **4/11/2000**; and whereas, I am now the sole
owner of said patent, and,Whereas, **BioNumerik Pharmaceuticals, Inc.**of **San Antonio, Texas**hereinafter referred to as "assignee" whose post office address is **8122 Datapoint Drive,**
Suite 1250City of **San Antonio**, and State of **Texas**

is desirous of acquiring the entire right, title and interest in the same;

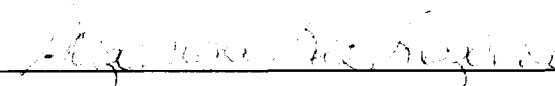
Now, therefore, in consideration of the sum of **one** dollars (\$ **1.00**), the receipt whereof
is acknowledged, and other good and valuable consideration, I, the patentee, by these presents
do sell, assign and transfer unto said assignee the entire right, title and interest in and to the said
Patent aforesaid; the same to be held and enjoyed by the said assignee for his own use and
behoof, and for his legal representatives and assigns, to the full end of the term for which said
Patent is granted, as fully and entirely as the same would have been held by me had this
assignment and sale not been made.Executed this **14th** day of **April**, **2000**,at **San Antonio, Texas**
(Signature)State of **Texas**County of **Bexar**

SS

Before me personally appeared said **Thomas J. Dodd**and acknowledged the foregoing instrument to be his free act and deed this **14th** dayof **April**, **2000**NOTARY PUBLIC
STATE OF TEXAS

My Comm Expires 12-11-2002

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(Notary Public)

ASSIGNMENT OF PATENT

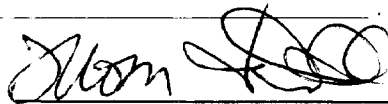
Docket Number (optional)

X-0063GWhereas, I, **Thomas J. Dodd** of **Boerne, Texas**, hereinafter

referred to as patentee, did obtain a United States Patent for an improvement in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic AgentsNo. **6,043,249**, dated **3/28/2000**; and whereas, I am now the sole
owner of said patent, and,Whereas, **BioNumerik Pharmaceuticals, Inc.**of **San Antonio, Texas**hereinafter referred to as "assignee" whose post office address is **8122 Datapoint Drive,**
Suite 1250City of **San Antonio**, and State of **Texas**

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 patentee, by these presents
do sell, assign and transfer unto said assignee the entire right, title and interest in and to the said
Patent aforesaid; the same to be held and enjoyed by the said assignee for his own use and
behalf, and for his legal representatives and assigns, to the full end of the term for which said
Patent is granted, as fully and entirely as the same would have been held by me had this
assignment and sale not been made.Executed this **14th** day of **April**, **2000**,at **San Antonio, Texas**

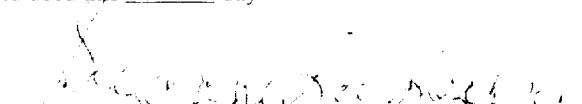
(Signature)

State of **Texas**County of **Bexar**

SS:

Before me personally appeared said **Thomas J. Dodd**and acknowledged the foregoing instrument to be his free act and deed this **14th** dayof **April**, **2000**at **San Antonio, Texas****SUZANNE LOZANO****NOTARY PUBLIC****STATE OF TEXAS**My Comm. Expires **12-11-2002**

Seal



(Notary Public)

ASSIGNMENT OF PATENT

Docket Number (optional)

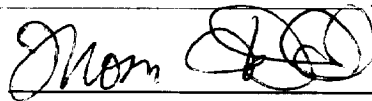
X-0063H

Whereas, I, Thomas J. Dodd of Boerne, Texas, hereinafter

referred to as patentee, did obtain a United States Patent for an improvement in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic AgentsNo. 6,046,234 dated 4/4/2000; and whereas, I am now the sole
owner of said patent, and.Whereas, BioNumerik Pharmaceuticals, Inc.of San Antonio, Texashereinafter referred to as "assignee" whose post office address is 8122 Datapoint Drive,
Suite 1250City of San Antonio, and State of Texas

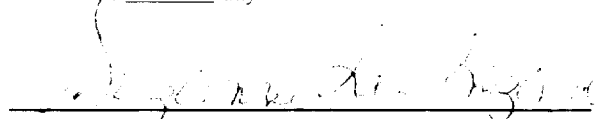
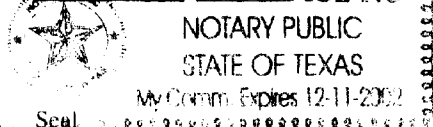
is desirous of acquiring the entire right, title and interest in the same;

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 patentee, by these presents
do sell, assign and transfer unto said assignee the entire right, title and interest in and to the said
Patent aforesaid; the same to be held and enjoyed by the said assignee for his own use and
behool, and for his legal representatives and assigns, to the full end of the term for which said
Patent is granted, as fully and entirely as the same would have been held by me had this
assignment and sale not been made.Executed this 14th day of April, 2000,at San Antonio, Texas

(Signature)

State of TexasCounty of Bexar

SS:

Before me personally appeared said Thomas J. Doddand acknowledged the foregoing instrument to be his free act and deed this 14th dayof April 2000 at San Antonio, Texas

(Notary Public)

ASSIGNMENT OF PATENT

Docket Number (optional)

X-0063IWhereas, I, **Thomas J. Dodd** of **Boerne, Texas**, hereinafter

referred to as patentee, did obtain a United States Patent for an improvement in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic AgentsNo. **6,040,304**, dated **3/21/2000**; and whereas, I am now the sole

owner of said patent, and,

Whereas, **BioNumerik Pharmaceuticals, Inc.**of **San Antonio, Texas**hereinafter referred to as "assignee" whose post office address is **8122 Datapoint Drive,****Suite 1250**City of **San Antonio**, and State of **Texas**

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 patentee, by these presents

do sell, assign and transfer unto said assignee the entire right, title and interest in and to the said

Patent aforesaid; the same to be held and enjoyed by the said assignee for his own use and

behoof, and for his legal representatives and assigns, to the full end of the term for which said

Patent is granted, as fully and entirely as the same would have been held by me had this

assignment and sale not been made.

Executed this **14th** day of **April**, **2000**at **San Antonio, Texas**

(Signature)

State of **Texas**County of **Bexar**

SS:


Before me personally appeared said **Thomas J. Dodd**and acknowledged the foregoing instrument to be his free act and deed this **14th** dayof **April**, **2000**at **San Antonio, Texas**

Notary Public

State of Texas

My Comm. Expires **12-11-2002**

Seal



(Notary Public)

ASSIGNMENT OF PATENT

Docket Number (optional)

X-0063J

Whereas, I, **Thomas J. Dodd** of **Boerne, Texas**, hereinafter referred to as patentee, did obtain a United States Patent for an improvement in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic Agents

No. **6,046,159**, dated **4/4/2000**; and whereas, I am now the sole owner of said patent, and,

Whereas, **BioNumerik Pharmaceuticals, Inc.**

of **San Antonio, Texas**

hereinafter referred to as "assignee" whose post office address is **8122 Datapoint Drive, Suite 1250**

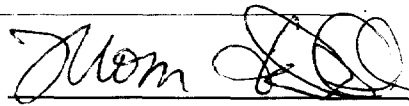
City of **San Antonio**, and State of **Texas**

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 patentee, by these presents do sell, assign and transfer unto said assignee the entire right, title and interest in and to the said Patent aforesaid; the same to be held and enjoyed by the said assignee for his own use and behoof, and for his legal representatives and assigns, to the full end of the term for which said Patent is granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this **14th** day of **April**, **2000**,

at **San Antonio, Texas**



(Signature)

State of **Texas**

County of **Bexar**

SS:

Before me personally appeared said **Thomas J. Dodd**

and acknowledged the foregoing instrument to be his free act and deed this **14th** day

of **April**, **2000**

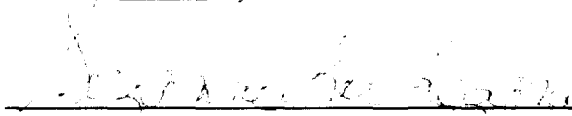
SUZANNE LEE LOZANO

NOTARY PUBLIC

STATE OF TEXAS

My Comm. Expires 12-11-2002

Seal



(Notary Public)

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
X-0063C

Whereas, I, **Frederick H. Hausheer** of **Boerne, Texas**, hereafter referred to as applicant, have invented certain new and useful improvements in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic Agents

☒ for which an application for a United States Patent was filed on **1/6/99**,
Application Number **09/225,694**

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

Whereas, **BioNumerik Pharmaceuticals, Inc.** of **San Antonio, Texas** herein referred to "assignee" whose post office address is **8122 Datapoint Drive, San Antonio, Texas 78229** 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 **14th** day of **April**, **2000**,
at **Boerne, Texas**

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 **14th**
day of **April**, **2000**

(Signature)

SUZANNE LEE LOZANO
NOTARY PUBLIC
STATE OF TEXAS

(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.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
X-0063D

Whereas, I, **Frederick H. Hausheer** of **Boerne, Texas**, hereafter referred to as applicant, have invented certain new and useful improvements in **Formulations and Methods of Reducing Toxicity of Antineoplastic Agents**

- ☒ for which an application for a United States Patent was filed on **1/6/99**,
Application Number **09/225,702**
- ☐ for which an application for a United States Patent was executed on _____, and

Whereas, **BioNumerik Pharmaceuticals, Inc.** of **San Antonio, Texas** herein referred to "assignee" whose post office address is **8122 Datapoint Drive, San Antonio, Texas 78229** 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 **14th** day of **April**, **2000**,
at **Boerne, Texas**

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 **14th**
day of **April**, **2000**

SUZANNE LEE LOZANO
NOTARY PUBLIC
STATE OF TEXAS

(Signature)

(Notary Public)

Burden Hour Statement: 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 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.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
X-0063E

Whereas, I, **Frederick H. Hausheer** of **Boerne, Texas**, hereafter referred to as applicant, have invented certain new and useful improvements in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic Agents

☒ for which an application for a United States Patent was filed on **1/6/99**,
Application Number **09/225,693**

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

Whereas, **BioNumerik Pharmaceuticals, Inc.** of **San Antonio, Texas** herein referred to "assignee" whose post office address is **8122 Datapoint Drive, San Antonio, Texas 78229** is desirous of acquiring the entire right, title and interest in the same;

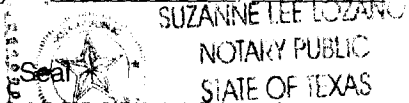
Now, therefore, in consideration of the sum of **one** dollars (\$ **\$1.00**), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the 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 **14th** day of **April**, **2000**,
at **Boerne, Texas**

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 **14th**
day of **April**, **2000**

(Signature)



(Notary Public)

Burden Hour Statement: This form is estimated to take 6-7 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.

ASSIGNMENT OF PATENT

Docket Number (optional)

X-0063Whereas, I, **Frederick H. Hausheer** of **Boerne, Texas**, hereinafter

referred to as patentee, did obtain a United States Patent for an improvement in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic AgentsNo. **5,919,816**, dated **7/6/99**; and whereas, I am now the sole
owner of said patent, and,Whereas, **BioNumerik Pharmaceuticals, Inc.**of **San Antonio, Texas**hereinafter referred to as "assignee" whose post office address is **8122 Datapoint Drive,**
Suite 1250City of **San Antonio**, and State of **Texas**

is desirous of acquiring the entire right, title and interest in the same;

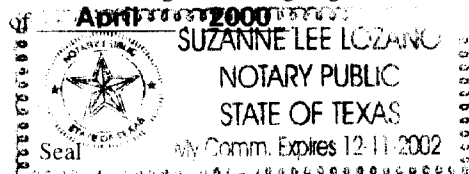
Now, therefore, in consideration of the sum of **one** dollars (\$ **1.00**), the receipt whereof
is acknowledged, and other good and valuable consideration, I, the patentee, by these presents
do sell, assign and transfer unto said assignee the entire right, title and interest in and to the said
Patent aforesaid; the same to be held and enjoyed by the said assignee for his own use and
behooof, and for his legal representatives and assigns, to the full end of the term for which said
Patent is granted, as fully and entirely as the same would have been held by me had this
assignment and sale not been made.

Executed this **14th** day of **April**, **2000**,at **San Antonio, Texas**

(Signature)

State of **Texas**County of **Bexar**

SS:

Before me personally appeared said **Frederick H. Hausheer**and acknowledged the foregoing instrument to be his free act and deed this **14th** day

(Notary Public)

ASSIGNMENT OF PATENT

Docket Number (optional)

X-0063A

Whereas, I, **Frederick H. Hausheer** of **Boerne, Texas**, hereinafter referred to as patentee, did obtain a United States Patent for an improvement in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic Agents

No. **6,040,312**, dated **3/21/2000**; and whereas, I am now the sole owner of said patent, and,

Whereas, **BioNumerik Pharmaceuticals, Inc.**

of **San Antonio, Texas**

hereinafter referred to as "assignee" whose post office address is **8122 Datapoint Drive, Suite 1250**

City of **San Antonio**, and State of **Texas**

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 patentee, by these presents do sell, assign and transfer unto said assignee the entire right, title and interest in and to the said Patent aforesaid; the same to be held and enjoyed by the said assignee for his own use and behoof, and for his legal representatives and assigns, to the full end of the term for which said Patent is granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this **14th** day of **April**, **2000**

at **San Antonio, Texas**

(Signature)

State of **Texas**

County of **Bexar**

SS:

Before me personally appeared said **Frederick H. Hausheer**

and acknowledged the foregoing instrument to be his free act and deed this **14th** day

of **April**, **2000**



SOZANNE LEE LOOMIS
NOTARY PUBLIC
STATE OF TEXAS
My Comm. Expires 12-11-2002

(Notary Public)

ASSIGNMENT OF PATENT

Docket Number (optional)

X-0063B

Whereas, I, **Frederick H. Hausheer** of **Boerne, Texas**, hereinafter referred to as patentee, did obtain a United States Patent for an improvement in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic Agents

No. **6,040,294**, dated **3/21/2000**; and whereas, I am now the sole owner of said patent, and,

Whereas, **BioNumerik Pharmaceuticals, Inc.**

of **San Antonio, Texas**

hereinafter referred to as "assignee" whose post office address is **8122 Datapoint Drive, Suite 1250**

City of **San Antonio**, and State of **Texas**

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 patentee, by these presents do sell, assign and transfer unto said assignee the entire right, title and interest in and to the said Patent aforesaid; the same to be held and enjoyed by the said assignee for his own use and behoof, and for his legal representatives and assigns, to the full end of the term for which said Patent is granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this **14th** day of **April**, **2000**,

at **San Antonio, Texas**

(Signature)

State of **Texas**

County of **Bexar**

SS:

Before me personally appeared said **Frederick H. Hausheer**

and acknowledged the foregoing instrument to be his free act and deed this **14th** day

of **April**, **2000**



SUZANNE LEE LUGO
NOTARY PUBLIC
STATE OF TEXAS
Commission Expires 12-11-2002

(Notary Public)

ASSIGNMENT OF PATENT

Docket Number (optional)

X-0063F

Whereas, I, **Frederick H. Hausheer** of **Boerne, Texas**, hereinafter referred to as patentee, did obtain a United States Patent for an improvement in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic Agents

No. **6,048,849** dated **4/11/2000**; and whereas, I am now the sole owner of said patent, and,

Whereas, **BioNumerik Pharmaceuticals, Inc.**

of **San Antonio, Texas**

hereinafter referred to as "assignee" whose post office address is **8122 Datapoint Drive, Suite 1250**

City of **San Antonio**, and State of **Texas**

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 patentee, by these presents do sell, assign and transfer unto said assignee the entire right, title and interest in and to the said Patent aforesaid; the same to be held and enjoyed by the said assignee for his own use and behoof, and for his legal representatives and assigns, to the full end of the term for which said Patent is granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this **14th** day of **April**, **2000**,

at **San Antonio, Texas**

(Signature)

State of **Texas**

County of **Bexar** SS

Before me personally appeared said **Frederick H. Hausheer**

and acknowledged the foregoing instrument to be his free act and deed this **14th** day

of **April**, **2000**



NOTARY PUBLIC
STATE OF TEXAS

My Comm. Expires 12-11-2002

(Notary Public)

ASSIGNMENT OF PATENT

Docket Number (optional)

X-0063G

Whereas, I, **Frederick H. Hausheer** of **Boerne, Texas**, hereinafter referred to as patentee, did obtain a United States Patent for an improvement in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic Agents

No. **6,043,249** dated **3/28/2000**; and whereas, I am now the sole owner of said patent, and,

Whereas, **BioNumerik Pharmaceuticals, Inc.**

of **San Antonio, Texas**

hereinafter referred to as "assignee" whose post office address is **8122 Datapoint Drive, Suite 1250**

City of **San Antonio**, and State of **Texas**

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 patentee, by these presents do sell, assign and transfer unto said assignee the entire right, title and interest in and to the said Patent aforesaid; the same to be held and enjoyed by the said assignee for his own use and behoof, and for his legal representatives and assigns, to the full end of the term for which said Patent is granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this **14th** day of **April**, **2000**,

at **San Antonio, Texas**

(Signature)

State of **Texas**

County of **Bexar**

SS.

Before me personally appeared said **Frederick H. Hausheer**

and acknowledged the foregoing instrument to be his free act and deed this **14th** day

of **April**, **2000**

SUZANNE LEE LOZANO
NOTARY PUBLIC
STATE OF TEXAS

My Comm. Expires **12-11-2002**

Seal

(Notary Public)

ASSIGNMENT OF PATENT

Docket Number (optional)

X-0063H

Whereas, I, **Frederick H. Hausheer** of **Boerne, Texas**, hereinafter referred to as patentee, did obtain a United States Patent for an improvement in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic Agents

No. **6,046,234**, dated **4/4/2000**; and whereas, I am now the sole owner of said patent, and,

Whereas, **BioNumerik Pharmaceuticals, Inc.**

of **San Antonio, Texas**

hereinafter referred to as "assignee" whose post office address is **8122 Datapoint Drive, Suite 1250**

City of **San Antonio**, and State of **Texas**

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 patentee, by these presents do sell, assign and transfer unto said assignee the entire right, title and interest in and to the said Patent aforesaid; the same to be held and enjoyed by the said assignee for his own use and behoof, and for his legal representatives and assigns, to the full end of the term for which said Patent is granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this **14th** day of **April**, **2000**,

at **San Antonio, Texas**

(Signature)

State of **Texas**

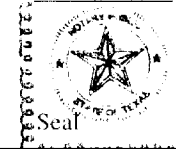
County of **Bexar**

SS:

Before me personally appeared said **Frederick H. Hausheer**

and acknowledged the foregoing instrument to be his free act and deed this **14th** day

of **April**, **2000**



SUZANNE LEE LOZANO

NOTARY PUBLIC

STATE OF TEXAS

My Comm. Expires 12-11-2002

(Notary Public)

ASSIGNMENT OF PATENT

Docket Number (optional)

X-0063I

Whereas, I, **Frederick H. Hausheer** of **Boerne, Texas**, hereinafter referred to as patentee, did obtain a United States Patent for an improvement in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic Agents

No. **6,040,304**, dated **3/21/2000**; and whereas, I am now the sole owner of said patent, and,

Whereas, **BioNumerik Pharmaceuticals, Inc.**

of **San Antonio, Texas**

hereinafter referred to as "assignee" whose post office address is **8122 Datapoint Drive, Suite 1250**

City of **San Antonio**, and State of **Texas**

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 patentee, by these presents do sell, assign and transfer unto said assignee the entire right, title and interest in and to the said Patent aforesaid; the same to be held and enjoyed by the said assignee for his own use and behoof, and for his legal representatives and assigns, to the full end of the term for which said Patent is granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this **14th** day of **April**, **2000**,

at **San Antonio, Texas**

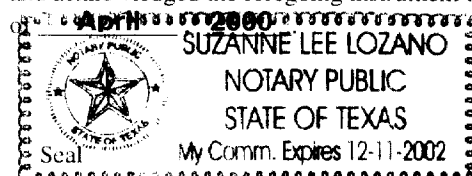
(Signature)

State of **Texas**

County of **Bexar** SS

Before me personally appeared said **Frederick H. Hausheer**

and acknowledged the foregoing instrument to be his free act and deed this **14th** day



(Notary Public)

ASSIGNMENT OF PATENT

Docket Number (optional)

X-0063J

Whereas, I, **Frederick H. Hausheer** of **Boerne, Texas**, hereinafter referred to as patentee, did obtain a United States Patent for an improvement in _____

Formulations and Methods of Reducing Toxicity of Antineoplastic Agents

No. **6,046,159**, dated **4/4/2000**; and whereas, I am now the sole owner of said patent, and,

Whereas, **BioNumerik Pharmaceuticals, Inc.**

of **San Antonio, Texas**

hereinafter referred to as "assignee" whose post office address is **8122 Datapoint Drive, Suite 1250**

City of **San Antonio**, and State of **Texas**

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 patentee, by these presents do sell, assign and transfer unto said assignee the entire right, title and interest in and to the said Patent aforesaid; the same to be held and enjoyed by the said assignee for his own use and behoof, and for his legal representatives and assigns, to the full end of the term for which said Patent is granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this **14th** day of **April**, **2000**,

at **San Antonio, Texas**

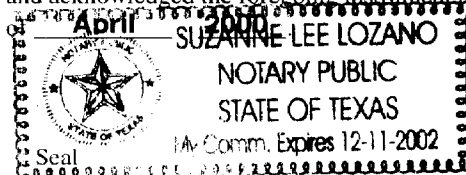
(Signature)

State of **Texas**

County of **Bexar** SS:

Before me personally appeared said **Frederick H. Hausheer**

and acknowledged the foregoing instrument to be his free act and deed this **14th** day



[Signature]

(Notary Public)