FORM PTO-1619A Expires 06/30/99	05-08-2000	U.S. Department of Commerce Patent and Trademark Office
OMB 0651-0027		PATENT
H. Y. APR 1 8 2000 N	101348935	$\downarrow 2$ $\#$
	ATION FORM COVER SHEET	
TO: The Commissioner of Patents and Trademar	PATENTS ONLY ks: Please record the attached original docur	nent(s) or copy(ies).
Submission Type	Conveyance Type	
✓ New	Assignment Security Agree	ment
Resubmission (Non-Recordation) Document ID#	License Change of Nam	ne
Correction of PTO Error Reel # Frame #	Merger Other	
Corrective Document	U.S. Government (For Use ONLY by U.S. Government	Agencies)
Reel # Frame #	Departmental File	Secret File
Conveying Party(ies)	Mark if additional names of conveying partie	es attached Execution Date Month Day Year
Name (line 1) Frederick H. Hausheer		4/14/00
Name (line 2)		Execution Date
Second Party Name (line 1) Thomas J. Dodd		Month Day Year
Name (line 2)		
Receiving Party	Mark if additional names of i	eceiving parties attached
Name (line 1) BioNumerik Pharmaceuticals, In	nc.	If document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United States, an appointment
Address (line 1) 8122 Datapoint Drive		of a domestic representative is attached. (Designation must be a
Address (line 2) Suite 1250		separate document from Assignment.)
Address (line 3) San Antonio	State/Country Zip C	ode
Domestic Representative Name and A		
Name		
Address (line 1)		
Address (line 2)		
Address (line 3)		
Address (line 4)		
5/05/2000 DNGUYEN 00000506 022338 09225694	FOR OFFICE USE ONLY	
FC:581 440.00 CH		
Public burden reporting for this collection of information is estimated to av gathering the data needed to complete the Cover Sheet. Send comments of	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 o Information Collection Budget Package 0651-0027, Patent and Trademark	of Management and Budget, Paperwork Reduction Project (0651-0027), Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIG	Washington, D.C. 20503. See OMB NMENT DOCUMENTS TO THIS ADDRESS.
	ed with required cover sheet(s) information to ademarks, Box Assignments , Washington, D.	C. 20231
		ATENT 42 FRAME: 0965

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Number (210)	614-1701
Name Thomas J. Dodd, Senior Patent	Counsel	
Address (line 1) BioNumerik Pharmaceuticals, Ir	nc. OPE]
Address (line 2) 8122 Datapoint Drive	APR 1 8 2000 2	
Address (line 3) Suite 1250		
Address (line 4) San Antonio, Texas 78229	I IRADEMART	
Pages Enter the total number of page including any attachments.	es of the attached conveyance document	# 22
Application Number(s) or Patent Numb	Der(S) Mark if addition	onal numbers attached
Enter either the Patent Application Number or the Pate		
Patent Application Number(s)	Patent Nur	
09/225,694	5,919,816 6,048,849	6,040,304
09/225,702	6,040,312 6,043,249	6,046,159
09/225,693	6,040,294 6,046,234	
If this document is being filed together with a <u>new</u> Patent is signed by the first named executing inventor.	Application, enter the date the patent application wa	s Month Day Year
Patent Cooperation Treaty (PCT)		
Enter PCT application number	PCT PCT	PCT
only if a U.S. Application Number has not been assigned.	РСТ РСТ	
Number of Properties Enter the total	number of properties involved. $\#$ 11	
Fee Amount Fee Amount for	r Properties Listed (37 CFR 3.41): \$ 440	0.00
Method of Payment: Enclose Deposit Account	ed Deposit Account	
(Enter for payment by deposit account or if additio Dep	onal fees can be charged to the account.) posit Account Number: # 02-	2338
Aut	thorization to charge additional fees: Yes	5 🗶 No
Statement and Signature		· · · · · · · · · · · · · · · · · · ·
To the best of my knowledge and belie	ef, the foregoing information is true and o	correct and any
	ginal document. Charges to deposit acco	ount are authorized, as
indicated herein.	In NX	
Thomas J. Dodd	i'um -	4/14/00
Name of Person Signing	Signature	Date

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I.

PATENT REEL: 010742 FRAME: 0966 ٦

AS	SIGNMENT OF	APPLICATIO)N	Docket Number (Optional) X-0063C
Whereas, I,	Thomas J. Dodd	of	Boerne,	Texas, hereafter
referred to as applic	ant, have invented ce	ertain new and	useful improvements	s in
Formulations and	Methods of Reduci	ng Toxicity of	Antineoplastic Ag	ents
for which an Application	application for a Unit	ed States Pate 09/225,694	nt was filed on	1/6/99
for which ar	application for a Unit	ted States Pate	ent was executed on	and
Whereas, BioNum	erik Pharmaceutica	Is, Inc. of	San Antonio, T	exas herein referred to
'assignee" whose po	ost office address is	8122 Datap	ooint Drive, San An	tonio, Texas 78229 is de-
sirous of acquiring t	he entire right, title ar	nd interest in th	e same;	
Now, therefore, in c	onsideration of the su	Im of one	dollars (\$ \$1.00), the receipt whereof is ac-
knowledged, and ot	her good and valuabl	e consideratior	n, I, the applicant, by	these presents do sell, assign
and transfer unto sa	id assignee the full ar	nd exclusive rig	ht to the said inventi	on in the United States and the
entire right, title and	interest in and to any	and all Patents	which may be grante	ed therefor in the United States,
hereby authorize a	and request the Com	missioner of Pa	atents and Trademar	ks to issue said United States
Patent to said assig	nee, of the entire righ	t, title, and inte	rest in and to the sam	ne, for his sole use and behoof;
and for the use and	behoof of his legal re	presentatives,	to the full end of the t	erm for which said Patent may
pe granted, as fully	and entirely as the sa	me would have	been held by me ha	d this assignment and sale not
peen made.				
Executed this	14th	day of	April	2000
at Boerne, Texas		-		
~·		7	Viont	
State of Tex	as SS:		0	(Signature)
County ofBe	xar)	Th a <i>m</i> a		
Before me persona	ally appeared said		s J. Dodd e act an⁄d deed this	14th
Hay for ADHI	OTARY PUBLIC			á á s
E SI	ATE OF TEXAS		Alt of A Re	a Lie a Regel Kr
My Con	nm. 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 O ffice r, 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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AS	SIGNMENT OF	APPLICATI	NC	Docket Number (Optional) X-0063D
Whereas, I,	Thomas J. Dodd	of	Boer	ne, Texas , hereafter
referred to as applica	ant, have invented ce	ertain new and	useful improvem	ents in
Formulations and	Methods of Reduci	ng Toxicity o	f Antineoplastic	Agents
for which an Application N	application for a Unit	ed States Pate 09/225,702	ent was filed on	1/6/99
for which an	application for a Uni	ted States Pat	ent was executed	I on, and
Whereas, BioNume	erik Pharmaceutica	Is, Inc. of	San Antoni	o, Texas herein referred to
"assignee" whose po	st office address is _	8122 Data	point Drive, Sar	Antonio, Texas 78229 is de-
sirous of acquiring th	ne entire right, title ar	nd interest in t	he same;	
Now, therefore, in co	onsideration of the su	um of one	dollars (\$\$	1.00), the receipt whereof is ac-
knowledged, and oth	ner good and valuabl	e consideratio	on, I, the applican	t, by these presents do sell, assign
and transfer unto sa	id assignee the full a	nd exclusive ri	ght to the said inv	rention in the United States and the
entire right, title and	interest in and to any	and all Patent	s which may be g	ranted therefor in the United States,
I hereby authorize a	nd request the Com	missioner of F	atents and Trade	emarks to issue said United States
Patent to said assigr	nee, of the entire righ	t, title. and inte	erest in and to the	same, for his sole use and behoof;
and for the use and I	pehoof of his legal re	presentatives	, to the full end of	the term for which said Patent may
be granted, as fully a	and entirely as the sa	me would hav	e been held by m	e had this assignment and sale not
been made.				
Executed this	14th	day of	April	2000,
at _ Boerne, Texas		-	Uom	
State of Tex	as ₎ SS:	Ċ		(Signature)
County of Before me persona and acknowlepond day ADFII +	ARY PUBLIC		as J. Dodd be act and deed th	is14th
STAT	E OF TEXAS		Y	(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 O flice r, 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	1	1	ber (Optional) X-0063E
Whereas, I,	Thomas J. Dodd	of	Boerr	ne, Texas	boroaftar
, , , , , , , , , , , , , , , , , , , ,					
	licant, have invented of				
Formulations ar	nd Methods of Reduc	cing Toxicity of A	Antineoplastic	Agents	
for which Applicatic	an application for a Un	ited States Paten 09/225,693	was filed on	1/6/99	s
for which	an application for a Ur	nited States Paten	t was executed	on	, and
,	merik Pharmaceutic				
"assignee" whose	post office address is	8122 Datapo	int Drive, San	Antonio, Texas	78229 is de-
sirous of acquirin	g the entire right, title a	and interest in the	same;		
Now, therefore, ir	consideration of the s	sum of one	dollars (\$ \$1	.00), the receip	t whereof is ac-
knowledged, and	other good and valuat	ole consideration,	I, the applicant,	by these presents	s do sell, assign
and transfer unto	said assignee the full a	and exclusive righ	t to the said inve	ention in the Unite	d States and the
entire right, title ar	nd interest in and to any	y and all Patents v	/hich may be gra	anted therefor in th	e United States,
I hereby authorize	e and request the Con	nmissioner of Pat	ents and Trade	marks to issue sa	d United States
Patent to said ass	signee, of the entire rig	ht, title, and intere	st in and to the	same, for his sole	use and behoof;
and for the use ar	nd behoof of his legal r	epresentatives, to	the full end of t	he term for which	said Patent may
be granted, as ful	ly and entirely as the s	ame would have t	een held by me	e had this assignm	ent and sale not
been made.					
Executed this	14th	day of	April	2000	_,
at Boerne, Texa	S			~	
		D	Nom		
	exas ₎ SS:		•	(Signature)	
	Bexar) maily capped age	Thomas	J. Dodd		
	NNE BEROZANONSTUM	nent to be his free	act and deed this	s <u>14th</u>	
aporto visita da Ar Seal My Cor	TATE OF TEXAS		Juger 1	N. A. M	1.1.5
Seal My Cor	nm. 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 O flicer, Patent and Trademark Officer Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

work Reduction Act of 1995, no persons are required to respond to a collection of information unless it disp ASSIGNMENT OF PATENT	Docket Number (option X-0063
Whereas, I, Thomas J. Dodd of Boerne, Texas	, hereinafter
referred to as patentee, did obtain a United States Patent for an improvement i	n
Formulations and Methods of Reducing Toxicity of Antine	eoplastic Agents
No. 5,919,816 , dated 7/6/99 ; and whereas, I a	m 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 Data	point 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 intere	st in and to the said
Patent aforesaid; the same to be held and enjoyed by the said assignce f	or his own use and
behoof, and for his legal representatives and assigns, to the full end of the t	erm for which said
Patent is granted, as fully and entirely as the same would have been h	eld by me had this
assignment and sale not been made.	
Executed this 14th day of April	2000
at San Antonio, Texas	······································
Sugar	ED
	(Signature)
State of Texas) County of Bexar) SS:	
Being me percently concerned said and and and deed this 14th	day
April NOBOODUBLIC	
STATE OF TEXAS	M. Martine
<u></u>	votary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the indivdual 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	1 for use through 9/30/98. OMB 06 e; U.S. DEPARTMENT OF COMM ays a valid OMB control number. Docket Number (option: X-0063A
Whereas, I, Thomas J. Dodd of Boerne, Texas	. hereinafter
referred to as patentee, did obtain a United States Patent for an improvement in	ו
Formulations and Methods of Reducing Toxicity of Antine	oplastic Agents
No. 6,040,312 . dated 3/21/2000 ; and whereas, I ar	n 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 Datap	
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 <u>one</u> dollars (§ <u>1.00</u>),	the receipt whereof
is acknowledged, and other good and valuable consideration, I, the patentee, b	by these presents
do sell, assign and transfer unto said assignee the entire right, title and interes	t in and to the said
Patent aforesaid; the same to be held and enjoyed by the said assignee fo	r his own use and
behoof. and for his legal representatives and assigns, to the full end of the te	rm for which said
Patent is granted, as fully and entirely as the same would have been he	eld by me had this
assignment and sale not been made.	
Executed this 14th day of April, 2	2000
at San Antonio, Texas	
(State ofTexas)	Signature)
County of <u>Bexar</u>) SS:	
And acknowly appeared said	ау
NOTARY PUBLIC	· · ·
STATE OF TEXAS	ne dechergy?
	otary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the indivdual 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.

work Reduction Act of 1995, no persons are required to respond to a collection of information unless it displ ASSIGNMENT OF PATENT	Docket Number (option X-0063B
Whereas. I. Thomas J. Dodd of Boerne, Texas	hereinafter
referred to as patentee, did obtain a United States Patent for an improvement ir Formulations and Methods of Reducing Toxicity of Antine	
No. 6,040,294 , dated 3/21/2000 ; and whereas, I ar	n 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 Datap Suite 1250	oint Drive,
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 <u>one</u> dollars (\$ <u>1.00</u>),	the receipt whereof
is acknowledged, and other good and valuable consideration. I, the patentee, b	by these presents
do sell, assign and transfer unto said assignee the entire right, title and interes	t in and to the said
Patent aforesaid; the same to be held and enjoyed by the said assignee fo	r his own use and
behoof. and for his legal representatives and assigns, to the full end of the te	rm for which said
Patent is granted, as fully and entirely as the same would have been he	ld by me had this
assignment and sale not been made.	
Executed this 14th day of April , 2	2000
at San Antonio, Texas	
	Signature)
State of	
and acknowledged the free size in the provided to be his free act and deed this <u>14th</u> d	1y Acconstants
My Comm. Expires 12-11-2002	otary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the indivdual 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 (optiona X-0063F
Whereas. I Thomas J. Dodd of Boerne, Texas	, hereinafter
referred to as patentee, did obtain a United States Patent for an improvement is	n
Formulations and Methods of Reducing Toxicity of Antine	oplastic Agents
No. 6,048,849 , dated 4/11/2000 ; and whereas. I and	m 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 Datar	ooint 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 <u>one</u> dollars (\$ <u>1.00</u>),	the receipt whereof
is acknowledged, and other good and valuable consideration. I, the patentee, l	by these presents
do sell, assign and transfer unto said assignee the entire right, title and interes	t in and to the said
Patent aforesaid: the same to be held and enjoyed by the said assignee for	or his own use and
behoof, and for his legal representatives and assigns, to the full end of the te	erm for which said
Patent is granted, as fully and entirely as the same would have been he	eld by me had this
assignment and sale not been made.	
Executed this 14th day of April , 2	2000
at San Antonio, Texas	
Mom a	$\langle \mathcal{M} \rangle$
_	Signature)
County of <u>Bexar</u>) SS	
and acknowledged the foregoing instrument to be his free act and deed this d	ay
	•

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the indivdual 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	d for use through 9/30/98. OMB 06: e; U.S. DEPARTMENT OF COMM lays a valid OMB control number. Docket Number (optiona X-0063G
Whereas, I. Thomas J. Dodd of Boerne, Texas	hereinafter
referred to as patentee, did obtain a United States Patent for an improvement is	n
Formulations and Methods of Reducing Toxicity of Antine	oplastic Agents
No. 6,043,249 , dated 3/28/2000 ; and whereas, I and	m 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 Datag	point 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 <u>one</u> dollars (<u>\$ 1.00</u>),	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 interes	t in and to the said
Patent aforesaid: the same to be held and enjoyed by the said assignee for	or his own use and
behoof, and for his legal representatives and assigns, to the full end of the te	erm for which said
Patent is granted, as fully and entirely as the same would have been he	eld by me had this
assignment and sale not been made.	
Executed this 14th day of April .	2000
at San Antonio, Texas	
Ham	<u>E</u>
(:	Signature)
State of Texas) County of Bexar) SS:	
Before me personally appeared said Thomas J. Dodd	
and acknowledged the forceoing instrument to be his free act and deed this <u>14th</u> d	ay -
NOTARY PUBLIC STATE OF TEXAS	ne Asternard :
My Comm. Explices 12-11-2002	,

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the indivdual 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

perwork Reduction Act of 1995, no persons are required to respond to a coll ASSIGNMENT OF PATENT	Docket Number (optiona X-0063H
Whereas. I Thomas J. Dodd of	Boerne, Texas , hereinafter
referred to as patentee, did obtain a United States Pat	tent for an improvement in
Formulations and Methods of Reduc	ing 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	
hereinalter referred to as "assignee" whose post offic	ce address is 8122 Datapoint Drive,
Suite 1250	
City of San Antonio . and S	State of Texas
is desirous of acquiring the entire right, title and inte	
Now, therefore, in consideration of the sum of one	dollars (\$ 1.00), the receipt whereof
is acknowledged, and other good and valuable consi	ideration, I, the patentee, by these presents
do sell, assign and transfer unto said assignee the en	itire right, title and interest in and to the said
Patent aforesaid; the same to be held and enjoy	ed by the said assignee for his own use and
behoof, and for his legal representatives and assign	is, to the full end of the term for which said
Patent is granted, as fully and entirely as the s	ame would have been held by me had this
assignment and sale not been made.	
Executed this 14th day of	of April 2000
at San Antonio, Texas	
	Mom D
State of Texas	(Signature)
County of <u>Bexar</u>) SS:	
and set to be his free foregoing instrument to be his free	
STATE OF TEXAS	- Kyerkke Ain Thy
Seal DARKERRARRARRARRARRAR	(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 indivdual 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 (option X-00631
Whereas, I Thomas J. Dodd of Boerne, Texas	, hereinafter
referred to as patentee, did obtain a United States Patent for an improvement in	۱
Formulations and Methods of Reducing Toxicity of Antine	oplastic Agents
No. 6,040,304 . dated 3/21/2000 ; and whereas, I ar	n 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 Datap	oint 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 <u>one</u> dollars (§ <u>1.00</u>),	the receipt whereof
is acknowledged, and other good and valuable consideration, I, the patentee, b	by these presents
do sell, assign and transfer unto said assignee the entire right, title and interest	t in and to the said
Patent aforesaid; the same to be held and enjoyed by the said assignee fo	r his own use and
behoof, and for his legal representatives and assigns, to the full end of the te	rm for which said
Patent is granted, as fully and entirely as the same would have been he	ld by me had this
assignment and sale not been made.	
Executed this 14th day of April 2	000
at San Antonio, Texas	
Muni	
	ignature)
State of Texas)	·Enarci
County of <u>Bexar</u>) SS: Before me personally appeared said <u>Thomas J. Dodd</u>	
and acknowledged the foregoing instrument to be his free act and deed this da	у
NOTARY PUBLIC	
STATE OF TEXAS	ic, her, " ciget.
Notional Equips 12-11 2002 3 (No	tary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the indivdual 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 (option: 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	۱
Formulations and Methods of Reducing Toxicity of Antine	oplastic Agents
No. 6,046,159 . dated 4/4/2000 ; and whereas, I ar	n 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 Datap	oint 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 <u>one</u> dollars (\$ <u>1.00</u>),	the receipt whereof
is acknowledged. and other good and valuable consideration, I, the patentee, b	by these presents
do sell, assign and transfer unto said assignee the entire right, title and interest	t in and to the said
Patent aforesaid: the same to be held and enjoyed by the said assignee fo	r his own use and
behoof, and for his legal representatives and assigns, to the full end of the te	rm for which said
Patent is granted, as fully and entirely as the same would have been he	ld by me had this
assignment and sale not been made.	
Executed this 14th day of April , 2	000
at San Antonio, Texas	
Mom a	
(5	lignature)
State of	
Before me personally appeared said Thomas J. Dodd	
and acknowledged the foregoing instrument to be his free act and deed this <u>14th</u> date of ADMIT TOTAL ACTOR SUZANNE LEE LOZANO	iy
NOTARY PUBLIC STATE OF TEXAS	12 Mar Allan

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the indivdual 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.

AS	SIGNMENT OI		ON	Docket Number (Optional) X-0063C

Whereas, I,F	rederick H. Hausl	heer of	Boei	rne, Texas, hereafter
referred to as applica	ant, have invented	certain new and	useful improvem	ents in
Formulations and	Methods of Redu	cing Toxicity o	f Antineoplastic	Agents
	application for a U Number		ent was filed on	1/6/99,
for which an	application for a U	nited States Pate	ent was executed	lon, and
Whereas, BioNume	erik Pharmaceuti	cals, Inc. of	San Antoni	o, Texas herein referred to
'assignee" whose po	ost office address is	8122 Data	point Drive, Sar	Antonio, Texas 78229 is de-
sirous of acquiring th	ne entire right, title	and interest in th	ne same;	
Now, therefore, in co	onsideration of the	sum of	dollars (\$\$	1.00), the receipt whereof is ac-
knowledged, and oth	ner good and valua	Ible consideratio	n, I, the applican	t, by these presents do sell, assign
and transfer unto sa	id assignee the full	and exclusive rig	ght to the said inv	rention in the United States and the
entire right, title and i	interest in and to ar	ny and all Patents	s which may be g	ranted therefor in the United States,
hereby authorize a	nd request the Co	mmissioner of P	atents and Trade	emarks to issue said United States
Patent to said assigr	nee, of the entire rig	ght, title, and inte	rest in and to the	same, for his sole use and behoof;
and for the use and l	behoof of his legal	representatives,	to the full end of	the term for which said Patent may
pe granted, as fully a	and entirely as the	same would have	e been held by m	e had this assignment and sale not
been made.				
Executed this	14th	day of	April	
at Boerne, Texas				
		_	<u> </u>	(Signature)
State of Tex	/			(Orginalure)
County of <u>Be</u> Before me persona	xar) Illy appeared said _	Frederick	H. Hausheer	
and acknowledged to day of April		ment to be his fre	e act and deed th	is14th
			Ϋ́,	
JULAINI	VE LEE LOZANU 🚊		1.7.1 7	HITTELL MARK MAN

Burden Hour Statement: This torm is estimated to the d.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 O flicer, Patent and Trademark Office Washington, DC 20231, DC NOT SEND THES OF COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks Washington, DC 20231.

	ASSIGNMENT OF A	PPLICATIO	DN	Docket Number (Optional) X-0063D
Whereas, I,	Frederick H. Haushee	r of	Boerne, 1	exas, hereafter
				in
	and Methods of Reducin			
		g toxicity of	, and the place of the	
	h an application for a Unite			1/6/99
for whic	h an application for a Unite	ed States Pate	ent was executed on _	, and
Whereas, <u>BioN</u>	lumerik Pharmaceuticals	s, Inc. of	San Antonio, Te	xas herein referred to
'assignee" whos	se post office address is	8122 Datap	ooint Drive, San Ant	onio, Texas 78229 is de-
sirous of acquiri	ing the entire right, title and	d interest in th	ie same;	
Now, therefore,	in consideration of the sur	n of one	dollars (\$ \$1.00), the receipt whereof is ac-
knowledged, an	d other good and valuable	consideratio	n, I, the applicant, by t	hese presents do sell, assign
and transfer unt	o said assignee the full and	d exclusive rig	ght to the said inventio	n in the United States and the
entire right, title	and interest in and to any a	nd all Patents	which may be grante	d therefor in the United States,
hereby authori	ize and request the Comm	issioner of Pa	atents and Trademark	s to issue said United States
Patent to said a	ssignee, of the entire right,	title, and inte	rest in and to the same	e, for his sole use and behoof;
and for the use	and behoof of his legal rep	resentatives,	to the full end of the te	rm for which said Patent may
pe granted, as f	ully and entirely as the sam	ne would have	e been held by me had	this assignment and sale not
peen made.				
Executed this	14th	_day of	April	2000
at Boerne, Tex	kas			
				·
and acknowled	Texas SS: Bexar SS: ged the foregoing instrumen STANNE LEE TOZANO NOTARY PUBLIC		H. Haysheer	Signature)
Seal	STATE OF TEXAS		1)	lotary Public)

Burden Houe Statement: The torm's bermal of to the g 1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments of the amount of time vary are required to the camplete this form should be sent to the Chief Information O flicer, 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.

A:	SSIGNMENT O	F APPLICATI	ON	Docket Number (Optional) X-0063E
Whereas, I,	Frederick H. Haus	heer of	Boei	rne, Texas, hereaft
referred to as applic	cant, have invented	l certain new and	l useful improvem	nents in
Formulations and	Methods of Redu	ucing Toxicity o	of Antineoplastic	c Agents
for which an Application	n application for a U Number	Inited States Pat 09/225,693	ent was filed on	1/6/99
for which a	n application for a L	Inited States Pat	ent was executed	d on, and
	erik Pharmacouti	cals inc. of	San Antoni	io, Texas herein referred
				n Antonio, Texas 78229 is d
				150
	the entire right, title			1.00
				1.00), the receipt whereof is a
knowledged, and o	ther good and valua	able consideration	on, I, the applicant	t, by these presents do sell, assig
and transfer unto sa	aid assignee the ful	and exclusive ri	ght to the said inv	vention in the United States and t
entire right, title and	interest in and to a	ny and all Patent	s which may be g	ranted therefor in the United State
hereby authorize	and request the Co	mmissioner of F	atents and Trade	emarks to issue said United State
Patent to said assig	nee, of the entire ri	ght, title, and inte	erest in and to the	same, for his sole use and beho
and for the use and	behoof of his legal	representatives	, to the full end of	the term for which said Patent ma
pe granted, as fully	and entirely as the	same would hav	e been held by m	e had this assignment and sale n
been made.				
Executed this	14th	day of	April	_, 2000 ,
at Boerne, Texas				
				a se a successione de la constante de la consta
Ter	xas ₎ SS:		<u></u>	(Signature)
	<u>exar</u>) 000.			
and acknowledged	ally appeared said		KH. Hausheer	is 14th
A	the lologoing motion			
day of <u>Contractory</u>	JZANNE LEE LOZANO			

Burden Hour Statement: This form is estimated to complete Any complete. Time will vary depending upon the needs of the individual case. Any comments on the gnount of time you are required to complete this form should be sent to the Chief Information O fficer, Patent and Trademark Office Washington, DC 2009, 200 NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

ASSIGNMENT OF PATENT	Docket Number (optiona X-0063
Whereas, I, Frederick H. Hausheer of Boerne, Texas	, hereinafter
referred to as patentee, did obtain a United States Patent for an improvement in	n
Formulations and Methods of Reducing Toxicity of Antine	oplastic Agents
No. 5,919,816 . dated 7/6/99 ; and whereas, I ar	n 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 Datap	ooint 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 <u>one</u> dollars (§ <u>1.00</u>),	the receipt whereof
is acknowledged, and other good and valuable consideration, I, the patentee, I	by these presents
do sell, assign and transfer unto said assignee the entire right, title and interes	t in and to the said
Patent aforesaid; the same to be held and enjoyed by the said assignee for	or his own use and
behoof, and for his legal representatives and assigns, to the full end of the te	erm for which said
Patent is granted, as fully and entirely as the same would have been he	eld by me had this
assignment and sale not been made.	
Executed this 14th day of April	2000
at San Antonio, Texas	
<u> </u>	Signature)
State of	
County of <u>Bexar</u>) SS: Before me personally appeared said Frederick H. Hausheer	
and acknowledged the foregoing instrument to be his free act and deed this d	ay
SUZANNE LEE LOZANO NOTARY PUBLIC STATE OF TEXAS	man to the start

1

ASSIGNMENT OF PATENT	Docket Number (option: X-0063A
Whereas, I. Frederick H. Hausheer of Boerne, Texas	, hereinafter
referred to as patentee, did obtain a United States Patent for an improvement ir	
Formulations and Methods of Reducing Toxicity of Antine	oplastic Agents
No. 6,040,312 , dated 3/21/2000 ; and whereas, I an	n 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 Datap	oint 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 <u>one</u> dollars (§ <u>1.00</u>),	the receipt whereof
is acknowledged, and other good and valuable consideration, I, the patentee, b	y 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	this own use and
behoof. and for his legal representatives and assigns, to the full end of the ter	rm for which said
Patent is granted, as fully and entirely as the same would have been he	ld by me had this
assignment and sale not been made.	
Executed this 14th day of April, 2	000
at San Antonio, Texas	······································
$\left(\begin{array}{c} & \\ & \\ & \\ \end{array} \right)$	a second and a second
(S	ignature)
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 da	v
of SUZANNE LEE LOWING	,
NOTARY PUBLIC STATE OF TEXAS	With the
	tary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the indivdual 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.

Appro Patent and Trademark O rwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it d ASSIGNMENT OF PATENT	Docket Number (option: X-0063B
Whereas, I Frederick H. Hausheer of Boerne, Texas	, hereinafter
referred to as patentee, did obtain a United States Patent for an improvemen	t in
Formulations and Methods of Reducing Toxicity of Anti	neoplastic 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 Dat	
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	e, by these presents
do sell, assign and transfer unto said assignee the entire right, title and inter	rest 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	e 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	<u></u>
	(Signature)
State ofTexas) County ofBexar) SS:	
Before me personally appeared said Frederick H. Hausheer and acknowledged the foregoing instrument to be his free act and deed this 14th	dav
of <u>April 12000</u> SUZANNE LEE UCCAVO	_ uay
NOTARY PUBLIC STATE OF TEXAS	chier a page

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the indivdual 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

Appro Patent and Trademark Of Ider the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it d	PTO/SB/41 (8-96) ved for use through 9/30/98. OMB 0651-0027 fice; U.S. DEPARTMENT OF COMMERCE splays a valid OMB control number.
ASSIGNMENT OF PATENT	Docket Number (optional)

ASSIGNMENT OF PA	ATENT		Docket Number (optional) X-0063F
Whereas, I, Frederick H. Haushee	er_of	Boerne, Texas	, hereinafter
referred to as patentee, did obtain a Unit	ed States Pate	ent for an improveme	nt in
Formulations and Methods	s of Redu <mark>c</mark> i	ng Toxicity of Ant	ineoplastic Agents
No. 6,048,849 . dated	4/11/2000	; and whereas,	I am now the sole
owner of said patent, and,			
Whereas, BioNumerik Pharmaceuti	cals, Inc.		
of San Antonio, Texas			
hereinafter referred to as "assignee" who			
Suite 1250	•		
City of San Antonio	, and S	tate of Texas	
is desirous of acquiring the entire right,			
Now, therefore, in consideration of the s	sum of <u>one</u>	dollars (\$0	$_$), the receipt whereof
is acknowledged, and other good and va	duable consid	leration, I, the patent	ee, by these presents
do sell, assign and transfer unto said ass	ignee the ent	ire right, title and inte	erest in and to the said
Patent aforesaid; the same to be held	l and enjoye	d by the said assigne	e for his own use and
behoof. and for his legal representative	s and assigns	. to the full end of th	e term for which said
Patent is granted, as fully and entire	ly as the sa	me would have bee	n held by me had this
assignment and sale not been made.			
Executed this 14th	day of	April	2000
at San Antonio, Texas			
***	······································	· `}	·····
		<u> </u>	According to the second
State of Texas			(Signature)
County of <u>Bexar</u>) SS:	derick H. Hi	ausheer	
Before me personally appeared said Fre and acknowledged the foregoing instrument			day
	21 62	$\sum_{i=1}^{n}$	•
SUZANNE LEE LODANO NOTARY PUBLIC STATE OF TEXAS	rear)		now Buck there &
My Comm. Expires 12:11-2002	8133	<u>}````````````````````````````````</u>	(Notary Public)
Seal My Contine Charles of the South	xสี่		(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 indivdual 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 (optiona 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	n
Formulations and Methods of Reducing Toxicity of Antine	oplastic Agents
No. 6,043,249 , dated 3/28/2000 ; and whereas, I	n 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 Datap	ooint 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 <u>one</u> dollars (§ <u>1.00</u>),	the receipt whereof
is acknowledged, and other good and valuable consideration, I, the patentee, I	by these presents
do sell, assign and transfer unto said assignee the entire right, title and interes	t in and to the said
Patent aforesaid; the same to be held and enjoyed by the said assignee for	r his own use and
behoof, and for his legal representatives and assigns. to the full end of the te	erm for which said
Patent is granted, as fully and entirely as the same would have been he	eld by me had this
assignment and sale not been made.	
Executed this 14th day of April 2	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 da	27/
of April: SUZANNE LEE LOZANO	ay -
NOTARY PUBLIC	Marci Serris
STATE OF TEXAS	

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the indivdual 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 (option X-0063H
Whereas, I. Frederick H. Hausheer of Boerne, Texas	, hereinafter
referred to as patentee, did obtain a United States Patent for an improvement	nt in
Formulations and Methods of Reducing Toxicity of Ant	neoplastic 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 Da	
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 patente	e, by these presents
do sell. assign and transfer unto said assignee the entire right, title and inte	rest in and to the said
Patent aforesaid; the same to be held and enjoyed by the said assigned	e for his own use and
behoof, and for his legal representatives and assigns, to the full end of th	e 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	, <u>2000</u> ,
at San Antonio, Texas	
	(Signature)
T	(orgnature)
State ofTexas)	
State ofIexas) County ofBexar) SS: Before me personally appeared saidFrederick H. Hausheer	
County of <u>Bexar</u>) SS: Before me personally appeared said <u>Frederick H. Hausheer</u> and acknowledged the foregoing instrument to be his free act and deed this <u>14th</u>	day
County of <u>Bexar</u>) SS: Before me personally appeared said <u>Frederick H. Hausheer</u> and acknowledged the foregoing instrument to be his free act and deed this <u>14th</u>	_ day

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the indivdual 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	oved for use through 9/30/98. OMB 06 office; U.S. DEPARTMENT OF COM displays a valid OMB control number. Docket Number (option X-00631
Whereas. I, Frederick H. Hausheer of Boerne, Texas	, hereinafter
referred to as patentee, did obtain a United States Patent for an improvemer	nt in
Formulations and Methods of Reducing Toxicity of Anti	neoplastic 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 Dat	
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 patente	e, by these presents
do sell, assign and transfer unto said assignee the entire right, title and inte	rest in and to the said
Patent aforesaid; the same to be held and enjoyed by the said assignee	e for his own use and
behoof, and for his legal representatives and assigns, to the full end of the	e term for which said
Patent is granted, as fully and entirely as the same would have been	held by me had this
	field by file had this
assignment and sale not been made.	
Executed this 14th day of April	2000 ,
at San Antonio, Texas	·
	(Signature)
State of	-
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
SUZANNE LEE LOZANO	
NOTARY PUBLIC STATE OF TEXAS	one his steer

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the indivdual 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 (option X-0063J
Whereas, I, Frederick H. Hausheer of Boerne, Texas	, hereinafter
referred to as patentee, did obtain a United States Patent for an improvemen	1t in
Formulations and Methods of Reducing Toxicity of Anti	neoplastic 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 Da	
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 patente	e, by these presents
do sell, assign and transfer unto said assignee the entire right, title and inte	rest 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	e 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)	(Signature)
County of <u>Bexar</u>) SS: Before me personally appeared said Frederick H. Hausheer	
and acknowledged the foregoing instrument to be his free act and deed this	_ day
	1
STATE OF TEXAS	and the the

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the indivdual 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.

RECORDED: 04/18/2000