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

03-25-1998



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

### 100672730

	Frademarks: Please record the attached original document(s) or copy(ies).
Submission Type	Conveyance Type
X New	X Assignment Security Agreement
Resubmission (Non-Recordation) Document ID#	License Change of Name
Correction of PTO Error	Merger Other
Reel # Frame # Corrective Document	U.S. Government (For Use ONLY by U.S. Government Agencies)
Reel # Frame #	Departmental File Secret File
Conveying Party(ies)	
	Month Day Year
Name (line 1) Hausheer, Frederic	Ck H. 08 18 97
Name (line 2)	
Second Party	Execution Date Month Day Yea
Name (line 1) Haridas, Kochat	08 19 9
Name (line 2)	
Receiving Party	Mark if additional names of receiving parties attached
Name (line 1) BioNumerik Pharmac	ceuticals, Inc.
	receiving party is not
Name (line 2)	receiving party is not domiciled in the Unite States, an appointmer
	receiving party is not domiciled in the Unite States, an appointmer of a domestic
Name (line 2)  Address (line 1) 8122 Datapoint Dr	receiving party is not domiciled in the Unite States, an appointmer of a domestic representative is attac (Designation must be
	receiving party is not domiciled in the Unite States, an appointmer of a domestic representative is attactive.
Address (line 1) 8122 Datapoint Dr	receiving party is not domiciled in the Unite States, an appointmer of a domestic representative is attac (Designation must be separate document from Assignment.)
Address (line 1) 8122 Datapoint Dr	receiving party is not domiciled in the Unite States, an appointmer of a domestic representative is attac (Designation must be separate document from
Address (line 1) 8122 Datapoint Dr: Address (line 2) Address (line 3) San Antonio	receiving party is not domiciled in the Unite States, an appointmer of a domestic representative is attac (Designation must be separate document from Assignment.)  Texas  Texas
Address (line 1) 8122 Datapoint Dr: Address (line 2)  Address (line 3) San Antonio City  Domestic Representative Name	receiving party is not domiciled in the Unite States, an appointmer of a domestic representative is attac (Designation must be separate document for Assignment.)  Texas 78229  State/Country Zip Code
Address (line 1) 8122 Datapoint Dr: Address (line 2) San Antonio City	receiving party is not domiciled in the Unite States, an appointmer of a domestic representative is attac (Designation must be separate document for Assignment.)  Texas 78229  State/Country Zip Code
Address (line 1) 8122 Datapoint Dr:  Address (line 2)  Address (line 3) San Antonio City  Domestic Representative Name	receiving party is not domiciled in the Unite States, an appointmer of a domestic representative is attac (Designation must be separate document for Assignment.)  Texas 78229  State/Country Zip Code
Address (line 1) 8122 Datapoint Dr:  Address (line 2)  Address (line 3) San Antonio City  Domestic Representative Name  Name  Address (line 1)	receiving party is not domiciled in the Unite States, an appointmer of a domestic representative is attac (Designation must be separate document for Assignment.)  Texas 78229  State/Country Zip Code
Address (line 1) 8122 Datapoint Dr:  Address (line 2)  Address (line 3) San Antonio City  Domestic Representative Name	receiving party is not domiciled in the Unite States, an appointmer of a domestic representative is attac (Designation must be separate document for Assignment.)  Texas 78229  State/Country Zip Code
Address (line 1) 8122 Datapoint Dr:  Address (line 2)  Address (line 3) San Antonio City  Domestic Representative Name  Name  Address (line 1)  Address (line 2)	receiving party is not domiciled in the Unite States, an appointmer of a domestic representative is attac (Designation must be separate document for Assignment.)  Texas 78229  State/Country Zip Code
Address (line 1) 8122 Datapoint Dr:  Address (line 2)  Address (line 3) San Antonio City  Domestic Representative Name  Name  Address (line 1)	receiving party is not domiciled in the Unite States, an appointmer of a domestic representative is attac (Designation must be separate document for Assignment.)  Texas 78229  State/Country Zip Code

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

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

Commissioner of Patents and Trademarks, BoxAssignments 5 Washington, D.C. 20231 3

FORM PTC Expires 06/30/99 OMB 0651-0027	D-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspond	ent Name and Address	Area Code and Telephone Number	210-614-1701
Name	Thomas J. Dodd		
Address (line 1)	8122 Datapoint Drive, S	Suite 1250	
Address (line 2)	San Antonio, Texas 7822	29	
Address (line 3)			
Address (line 4)			
Pages	Enter the total number of pa including any attachments.	ges of the attached conveyance docu	ment # 4
• •	Number(s) or Patent Nun		additional numbers attached
		Patent Number (DO NOT ENTER BOTH numbers	· · · ·
08/914,207	ent Application Number(s)	Pater	nt Number(s)
00/ 514,207			
	s being filed together with a <u>new</u> Pate transport to the state of the	nt Application, enter the date the patent applicat	ion was Month Day Year 8 18 97
Patent Coop	eration Treaty (PCT)		
Ente	er PCT application number	PCT PCT	PCT
	<u>if</u> a U.S. Application Numbernot been assigned.	PCT PCT	РСТ
Number of P	Properties	tal number of properties involved.	<b>#</b> 1
Fee Amount	Fee Amount	for Properties Listed (37 CFR 3.41):	\$ 40.00
Method		osed Deposit Account X	
	Account	itional fees can be charged to the account.)	
(Enter for	, , , ,		# 02-0338
	ı	Authorization to charge additional fees:	Yes X No
Statement a	nd Signature		
attache		elief, the foregoing information is true original document. Charges to deposit	
Thomas J.		Mon Hal	February 20, 1998
Name	of Person Signing	Signature	Date

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

# RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

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

0	-t-/i	
Conveying Pa	- Indian	Execution Date
Enter additional C		Month Day Year
Name (line 1)	eetharamulu Peddaiahgari	08 19 97
Name (line 2)		
<u></u>		Execution Date Month Day Year
Name (line 1)	ao, Shijie	08 19 97
Name (line 2)		
· L		Execution Date Month Day Year
Name (line 1)	etluru, Pavankumar N.V.	08 26 97
Name (line 2)		
Receiving Par	ty(ies) Mark if additional names of receiving partie	es attached
Enter additional R	eceiving Party(ies)	
Name (line 1)		If document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United
Name (mez)		States, an appointment of a domestic representative
Address (line 1)		is attached. (Designation must be a separate
Address (line 2)		document from Assignment.)
Address (line 3)	City State/Country Zip Coc	le
Name (line 1)		If document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United
		States, an appointment of a domestic representative is
Address (line 1)		attached. (Designation must be a separate document from
Address (line 2)		Assignment.)
Address (line 3)		
	City State/Country Zip C	ode
	umber(s) or Patent Number(s) Mark if additional numbers attached Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the sa	eme property)
	tent Application Number(s)  Patent Number (s)  Patent Number (s)	
08/914,207	tent Application number(3)	
00/ 514,207		

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

## RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

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

Conveying Pa	man in additional flames of controlling parties attached	Execution Date
Enter additional C		Month Day Year
Name (line 1)	eddy, Dasharatha	08 22 97
Name (line 2)		
<u> </u>		Execution Date Month Day Year
Name (line 1)	urali, Dhanabalan	08 22 97
Name (line 2)		Execution Date
Name (line 1)		Month Day Year
Traine (into 1)		
Name (line 2)		
Receiving Par	ty(ies) Mark if additional names of receiving partie	s attached
Enter additional R	eceiving Party(ies)	
Name (line 1)		If document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United
radiio (ma 2)		States, an appointment of a domestic representative
Address (line 1)		is attached. (Designation must be a separate
Address (line 2)		document from Assignment.)
Address (ine 2)		
Address (line 3)	City State/Country Zip Code	
	City State/Country Zip Code	e
Name (line 1)		If document to be recorded is an assignment and the
Name at a		receiving party is not
Name (line 2)		domiciled in the United States, an appointment of a
Address (line 1)		domestic representative is attached. (Designation must
		be a separate document from Assignment.)
Address (line 2)		
Address (line 3)	City State/Country Zip Co	nda.
Application N	umber(s) or Patent Number(s) Mark if additional numbers attached	Juli
	Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the sai	me property).
Pa	tent Application Number(s) Patent Numb	er(s)
08/914,207		

	ederick H. Haush	ieer of	Boerne, Texas		, hereafte
	olicant, have invented				
	Camptothecin De		·		
X for which	an application for a Upn Number 08 /	Jnited States Pate 914,207	ent was filed on0	8/19/97	,,,,,,,
	an application for a U				
Whereas,BioNum	nerik Pharmaceut	icals, Morc.	San Antonio, T	exas here	in referred t
"assignee" whose	post office address is	8122 Datap	oint Drive, Sui	te 1250	is de
sirous of acquiring	g the entire right, title	and interest in th	ne same;		
Now, therefore, in	consideration of the	sum of one	dollars (\$_1.00	), the receipt w	hereofis ac
knowledged, and	other good and valua	able consideration	n, I, the applicant, by	these presents do	sell, assigi
and transfer unto	said assignee the ful	l and exclusive riç	ght to the said inventi	on in the United S	tates and th
entire right, title ar	nd interest in and to a	ny and all Patents	which may be grante	ed therefor in the U	Inited States
I hereby authorize	e and request the Co	ommissioner of Pa	atents and Tradema	ks to issue said U	Inited States
Patent to said ass	signee, of the entire ri	ight, title, and inte	rest in and to the san	ne, for his sole use	and behoo
	nd behoof of his legal	representatives,	to the full end of the t	erm for which said	d Patent may
and for the use ar.	lv and entirely as the	same would have	e been held by me ha	d this assignment	and sale no
	,				
	,				
be granted, as full been made.		day of	August	, 19 <sup>97</sup>	
be granted, as full	18th	day of	August	, 19 <sup>97</sup>	
be granted, as full been made.  Executed this	18th	day of	August	, 19 <sup>97</sup>	·
be granted, as full been made.  Executed this atSan Antoni	18th	day of	August	, 19 <sup>97</sup> , (Signature)	
be granted, as full been made.  Executed this atSan Antoni  State ofTexa County of Bexa	18th Lo, Texas as SS:		Jun 1	jv.	, 

Burden Hour So tement. This form is estimated to take 0.1 lours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amended the variety of the 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 APPLICA	ATION	Docket Number (Optional) X-0017
Whereas, I, Kochat Haridas	of San Antonio, Te	xas , hereafte
referred to as applicant, have invented certain new a	and useful improvements	in
Highly Lipophilic Camptothecin Deriv	vatives	
for which an application for a United States F Application Number 08 / 914,207		/19/97
for which an application for a United States I	Patent was executed on _	, and
BioNumerik Whereas, Pharmaceuticals, Inc. of	San Antonio, Texa	s herein referred t
"assignee" whose post office address is8122_Da	atapoint Drive, Sui	te 1250is de
sirous of acquiring the entire right, title and interest i	in the same;	
Now, therefore, in consideration of the sum ofone	e dollars (\$ 1.00	), the receipt whereof is ac
knowledged, and other good and valuable considera		
	•	
and transfer unto said assignee the full and exclusive	_	
entire right, title and interest in and to any and all Pate	ents which may be granted	d therefor in the United States
I hereby authorize and request the Commissioner of	of Patents and Trademark	s to issue said United State
Patent to said assignee, of the entire right, title, and	interest in and to the same	e, for his sole use and behoo
and for the use and behoof of his legal representative	es, to the full end of the te	rm for which said Patent ma
be granted, as fully and entirely as the same would h	nave been held by me had	this assignment and sale no
been made.		
Executed this 19th day of	August	, 1 <b>9</b> 97
at San Antonio, Texas		,,
at ban imeening, remain		kan Das
State of Texas ) SS:	(	Signature)
County of Bexar (Nochat )	Haridas	
Before me personally appeared said <u>Kochat land</u> and acknowledged the foregoing instrument to be his		9th
Before me personally appeared said Kochat I		Hen Honor

Docket Number (Optional)

PTO/SB/15 (8-96)
Approved for use through 9/30/98. OMB 0651-0027
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

ACCIONMENT OF ADDITION

	idalangali seeti	iaramuru of	San Antoni	lo, Texas	, herea
referred to as appli	cant, have invented	certain new and	l useful improveme	nts in	****
Highly Lipor	hilic Camptothe	ecin Derivat	ives	77000	· · · · · · · · · · · · · · · · · · ·
X for which a Application	n application for a Ur Number <u>08</u> /	nited States Pate 914,207	ent was filed on	08/19/97	
for which a	n application for a Ur	nited States Pat	ent was executed o	n	, and
BioNum Whereas, Pharma	erik ceuticals, Inc.	of_S	San Antonio, Te	exas	herein referred
"assignee" whose p	oost office address is	8122 Data	point Drive, S	Suite 1250	is
sirous of acquiring	the entire right, title a	and interest in th	ne same;		
Now, therefore, in o	consideration of the s	sum ofone_	dollars (\$ 1.00	), the rece	ipt whereof is a
					•
knowledged, and o	ther good and valuat	ble consideratio	n. I. the applicant, b	ov these preser	nts do sell. lassi
	ther good and valual				•
and transfer unto s	aid assignee the full a	and exclusive ri	ght to the said inver	ntion in the Unit	ed States and
and transfer unto s	aid assignee the full a	and exclusive ri	ght to the said inver	ntion in the Unit	ed States and the United Stat
and transfer unto s entire right, title and I hereby authorize	aid assignee the full a d interest in and to an and request the Con	and exclusive right y and all Patents nmissioner of P	ght to the said inverse which may be grain atents and Tradem	ntion in the Unit nted therefor in narks to issue s	ed States and the United Stat aid United Stat
and transfer unto s entire right, title and I hereby authorize Patent to said assig	aid assignee the full a d interest in and to an and request the Con gnee, of the entire rig	and exclusive right y and all Patents nmissioner of P ht, title, and inte	ght to the said inverse which may be gradents and Trademerest in and to the sa	ntion in the Unit nted therefor in arks to issue s ame, for his sol	ed States and the United Stat aid United Stat e use and beho
and transfer unto s entire right, title and I hereby authorize Patent to said assig	aid assignee the full a d interest in and to an and request the Con	and exclusive right y and all Patents nmissioner of P ht, title, and inte	ght to the said inverse which may be gradents and Trademerest in and to the sa	ntion in the Unit nted therefor in arks to issue s ame, for his sol	ed States and the United Stat aid United Stat e use and beho
and transfer unto s entire right, title and I hereby authorize Patent to said assig and for the use and	aid assignee the full a d interest in and to an and request the Con gnee, of the entire rig	and exclusive right y and all Patents nmissioner of P ht, title, and inte epresentatives,	ght to the said inverse which may be gradented and Tradementer in and to the said to the full end of the	ntion in the Unit nted therefor in arks to issue s ame, for his sole e term for which	ed States and the United Stat aid United Stat e use and beho n said Patent m
and transfer unto s entire right, title and I hereby authorize Patent to said assig and for the use and	aid assignee the full and interest in and to an and request the Congnee, of the entire right behoof of his legal residues.	and exclusive right y and all Patents nmissioner of P ht, title, and inte epresentatives,	ght to the said inverse which may be gradented and Tradementer in and to the said to the full end of the	ntion in the Unit nted therefor in arks to issue s ame, for his sole e term for which	ed States and the United Stat aid United Stat e use and beho n said Patent m
and transfer unto sentire right, title and I hereby authorize Patent to said assign and for the use and be granted, as fully been made.	aid assignee the full and interest in and to an and request the Congnee, of the entire right behoof of his legal residues.	and exclusive right and all Patents and all Patents and interest and interest and interest and would have	ght to the said inverse which may be gradents and Trademerest in and to the said to the full end of the been held by me be	ntion in the Unit nted therefor in narks to issue s name, for his sole e term for which nad this assigni	ed States and the United Stat aid United Stat e use and beho n said Patent m ment and sale r
and transfer unto sentire right, title and I hereby authorize Patent to said assign and for the use and be granted, as fully been made.	aid assignee the full and interest in and to an and request the Congnee, of the entire right behoof of his legal reand entirely as the substitute of the sub	and exclusive right and all Patents and all Patents and interest and interest and interest and would have	ght to the said inverse which may be gradents and Trademerest in and to the said to the full end of the been held by me be	ntion in the Unit nted therefor in narks to issue s name, for his sole e term for which nad this assigni	ed States and the United Stat aid United Stat e use and beho n said Patent m ment and sale r
and transfer unto sentire right, title and I hereby authorize Patent to said assign and for the use and be granted, as fully been made.  Executed this	aid assignee the full and interest in and to an and request the Congnee, of the entire right behoof of his legal reand entirely as the substitute of the sub	and exclusive right and all Patents and all Patents and interest and interest and interest and would have	ght to the said inverse which may be gradents and Trademerest in and to the said to the full end of the been held by me had by the held by me had been held by me held by me had been held by me had been held by me had been held	ntion in the Unit nted therefor in earks to issue s ame, for his sole term for which nad this assigna	ed States and the United Stat aid United Stat e use and beho n said Patent m ment and sale r
and transfer unto sentire right, title and I hereby authorize Patent to said assign and for the use and be granted, as fully been made.  Executed this	aid assignee the full and interest in and to an and request the Congnee, of the entire right behoof of his legal rand entirely as the substitution of the entire standard enti	and exclusive right and all Patents and all Patents and interest and interest and interest and would have	ght to the said inverse which may be gradents and Trademerest in and to the said to the full end of the been held by me had by the held by me had been held by me held by me had been held by me had been held by me had been held	ntion in the Unit nted therefor in narks to issue s name, for his sole e term for which nad this assigni	ed States and the United Stat aid United Stat e use and beho n said Patent m ment and sale r
and transfer unto sentire right, title and I hereby authorize Patent to said assign and for the use and be granted, as fully been made.  Executed this	aid assignee the full and interest in and to an and request the Congnee, of the entire right behoof of his legal rand entirely as the substituting the substitution of the entire right substitutio	and exclusive right and all Patents nmissioner of P tht, title, and interesentatives, ame would haveday of	ght to the said inverse which may be grad attents and Tradem erest in and to the said to the full end of the ebeen held by me had august	ntion in the Unit nted therefor in narks to issue s ame, for his sole e term for which nad this assigni	ed States and the United Stat aid United Stat e use and beho n said Patent m ment and sale r

Burden Hour States on: State on the complete of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office Washington, DC 20231.

Washington, DC 20231.

#### **ASSIGNMENT OF APPLICATION**

Docket Number (Optional) X-0017

referred to as applicant, have invented certain new and useful improvements in	Whereas, I,	Shijie Yao	of _	San Antonio,	lexas	, hereafte
for which an application for a United States Patent was filed on	referred to as	applicant, have invented o	ertain new an	d useful improvemen	ts in	
Application Number 08 / 914,207  for which an application for a United States Patent was executed on	Highly L	ipophilic Camptothe	cin Deriva	tives		
Whereas, Pharmaceuticals, Inc. of San Antonio, Texas herein referred to "assignee" whose post office address is 8122 Datapoint Drive, Suite 1250 is de sirous 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 no been made.  Executed this 19th day of August , 1997 , at San Antonio, Texas    State of Texas	Applic for wh	cation Number 08 /	914,207			
sirous of acquiring the entire right, title and interest in the same;  Now, therefore, in consideration of the sum of <u>one</u> 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 no been made.  Executed this			of	San Antonio, Te	exas here	in referred to
Now, therefore, in consideration of the sum of 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 no been made.  Executed this	"assignee" wh	ose post office address is _	8122 Data	point Drive, Su	ite 1250	is de-
knowledged, 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 no been made.  Executed this	sirous of acqu	iiring the entire right, title a	and interest in	the same;		
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 no been made.  Executed this	Now, therefore	e, in consideration of the s	um of one	dollars (\$1.00	), the receipt wh	nereofis ac-
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 no been made.  Executed this	knowledged, a	and other good and valuab	le considerati	on, I, the applicant, by	y these presents do	sell, assign
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 no been made.  Executed this	and transfer u	nto said assignee the full a	and exclusive i	right to the said invent	tion in the United S	tates and the
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 no been made.  Executed this	entire right, titl	e and interest in and to any	/ and all Paten	ts which may be gran	ted therefor in the U	Inited States
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 no been made.  Executed this	I hereby author	orize and request the Com	nmissioner of	Patents and Tradema	arks to issue said U	Inited States
be granted, as fully and entirely as the same would have been held by me had this assignment and sale no been made.  Executed this	Patent to said	assignee, of the entire rigl	nt, title, and int	terest in and to the sa	me, for his sole use	and behoof
been made.  Executed this	and for the us	e and behoof of his legal re	epresentatives	s, to the full end of the	term for which said	l Patent may
been made.  Executed this	be granted, as	s fully and entirely as the sa	ame would ha	ve been held by me h	ad this assignment	and sale not
Executed this		, . <b>,</b>			•	
State ofTexas		19th	day of	August	. 19 97	
State ofTexas						
State of Texas SS:  County of Bexar Sefore me personally appeared said Shijie Yao and acknowledged the foregoing instrument to be his free act and deed this 19th	at			16.00	/ ×	·
State of Texas SS:  County of Bexar Sefore me personally appeared said Shijie Yao and acknowledged the foregoing instrument to be his free act and deed this 19th			-	21090	(Signature)	
Before me personally appeared said Shijie Yao and acknowledged the foregoing instrument to be his free act and deed this 19th	State of	/			(Orginature)	
and acknowledged the foregoing instrument to be his free act and deed this 19th	Before me p	ersonally appeared said	Shijie Yao			
Marane da Co	and acknowle	edged the foregoing instrum	ent to be his fi	ee act and deed this _	19th	
	uay or Aug	, 19 <u>77</u> .		Manana	He dom	67

Burden Hoe Statement This form is estimated to take 1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments in Manager of time Statement of the Chief Information Officer, Patent and Trademark Office, Washington DC 20291. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20291.

ASSIGNMENT OF APPLICATION	X-0017
Whereas, I, Pavankumar N.V. Petluru of San Antonio,	Texas hereoff
referred to as applicant, have invented certain new and useful improvements	
Highly Lipophilic Camptothecin Derivatives	
for which an application for a United States Patent was filed on08 Application Number08/914,207	
for which an application for a United States Patent was executed on	, and
BioNumerik Whereas, Pharmaceuticals, Inc. of San Antonio, Tex	nas harain referred t
"assignee" whose post office address is 8122 Datapoint Drive, Sui	is de
sirous of acquiring the entire right, title and interest in the same;	
Now, therefore, in consideration of the sum of $\underline{ \text{one} }$ dollars (\$ 1.00	), the receipt whereof is ac
knowledged, and other good and valuable consideration, I, the applicant, by	these presents do sell, assig
and transfer unto said assignee the full and exclusive right to the said invention	on in the United States and th
entire right, title and interest in and to any and all Patents which may be grante	ed therefor in the United State
I hereby authorize and request the Commissioner of Patents and Trademar	ks to issue said United State
Patent to said assignee, of the entire right, title, and interest in and to the sam	
and for the use and behoof of his legal representatives, to the full end of the t	
be granted, as fully and entirely as the same would have been held by me ha	d this assignment and sale no
been made.	
Executed this 26th day of August	, 19 <u>97</u> ,
at San Antonio, Texas	•
- Renefulat	
State of <u>Texas</u> ) SS:  County of <u>Bexar</u> )  Before me personally appeared said <u>Pavankumar N.V. Petluru</u> and acknowledged the foregoing instrument to be his free act and deed this <u>day of August</u> , 1997 .	(Signature)
SIZAMELEFLOZANO KRE	AUXOCO Notary Publicy

Burden Hour Sake and Tiles form is estimated to take 0.1 sours to complete. Time will vary depending upon the needs of the individual case. Any comments on the Shown of time will be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D. 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

ASSIGNME	ENT OF APPLICAT	ION	Docket Number (Optional) X-0017
Whereas, I, Dashara	tha Reddy of	San Antonio,	Texas, hereafter
referred to as applicant, have in	nvented certain new an		
Highly Lipophilic Car	nptothecin Deriva	tives	
for which an application Application Number	n for a United States Pa 08 / 914,207	tent was filed on0	98/19/97
for which an application	n for a United States Pa	tent was executed on _	, and
BioNumerik Whereas, Pharmaceutica			as herein referred to
"assignee" whose post office ad	dressis 8122 Data	point Drive, Suit	e 1250 is de-
sirous of acquiring the entire rig	ght, title and interest in t	the same;	
Now, therefore, in consideration	of the sum of one	dollars (\$ 1.00	_), the receipt whereof is ac-
knowledged, and other good ar	nd valuable consideration	on, I, the applicant, by th	nese presents do sell, assign
and transfer unto said assignee	the full and exclusive r	ight to the said inventior	n in the United States and the
entire right, title and interest in a	nd to any and all Paten	ts which may be granted	I therefor in the United States,
I hereby authorize and request	the Commissioner of F	Patents and Trademark	s to issue said United States
Patent to said assignee, of the	entire right, title, and into	erest in and to the same	e, for his sole use and behoof:
and for the use and behoof of h	is legal representatives	, to the full end of the ter	rm for which said Patent may
be granted, as fully and entirely			·
been made.			and addigninont and date not
Executed this	day of	August	10 <b>0</b> 7
	day or	1,03,00	, 19 <u> </u>
at San Antonio, Texas		Professional Control of the Control	
	-	<u>-</u> 9	proby
State of Texas )	SS:	3)	Signatu <b>ré</b> )
County of <u>Bexar</u> ) Before me personally appeare			0 1
and acknowledged the foregoin day of August , 19 97		ee act and deed this <u>2</u>	2nd
SUZANNE LEE LOZA  NOTARY PUBLIC STATE (	<b>.</b>	Dezonne 7	Ke 10:0000 otary Publicy
1/2//	·		

Burden Hour Statements his four continued testage 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, be 2021, 88 NOT SEND FEES OF COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

ASSIGNMENT OF APPLICATION	Docket Number (Optional) X-0017
Whereas, I,Dhanabalan MuraliofSan A	ntonio, Texas, hereafte
referred to as applicant, have invented certain new and useful imp	
Highly Lipophilic Camptothecin Derivatives	35
for which an application for a United States Patent was filed Application Number $08 / 914,207$	d on <u>08/19/97</u> ,
for which an application for a United States Patent was exe	ecuted on, and
BioNumerik Whereas, Pharmaceuticals, Inc. of San Anto	nio, Texas herein referred to
"assignee" whose post office address is $8122$ Datapoint Dri	ve, Suite 1250 is de
sirous of acquiring the entire right, title and interest in the same;	
Now, therefore, in consideration of the sum of dollars (	1.00 ), the receipt whereof is ac
knowledged, and other good and valuable consideration, I, the app	olicant, by these presents do sell, assign
and transfer unto said assignee the full and exclusive right to the sa	aid invention in the United States and th
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	
and for the use and behoof of his legal representatives, to the full e	
be granted, as fully and entirely as the same would have been held	
	by the flad this assignment and sale no
been made.	40.07
Executed this 22nd day of August	
at San Antonio, Texas	
<u>D.</u>	Murch:
State ofTexas) SS:  County ofBexar)  Before me personally appeared saidDhanabalan Murali	(Signature)
and acknowledged the foregoing instrument to be his free act and d day of August 40.97  SLIZANNE LEE LOZANO  NOTARY PUBLIC STATE OF TEXAS	(Notary Public)

Burden Hour Statement Pills 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 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.



### Certificate under 37 CFR 1.10 of Mailing by "Express Mail"

EE133514434US	2-20-98
"Express Mail" label number	Date of Deposit

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

Signature of person mailing correspondence

Suzanne Lozano

Typed or printed name of person mailing correspondence

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