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FORM PTO-1619A	12-	28-1998			epartment of Commerce t and Trademark Office
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TO: The Commissioner of Submission Type	of Patents and Trademark	cs: Please record the Conveyance Ty		document(s	or epy(ies).
X New		X Assignment		Agreement	
Resubmission (Nor	ı-Recordation)	License	Change of	f Name	55
Correction of PTO I		Merger	Other		
Reel # Corrective Docume	Frame #		U.S. Governi se ONLY by U.S. Gove	nent ment Agencie	e)
Reel #	Frame #)	epartmental File		ret File
Conveying Party(ies	\$)	X Mark if additiona	I names of conveying	parties attac	hed Execution Date Month Day Year
Name (line 1) Freder	ick H. Hausheer				02 11 98
Name (line 2)					Execution Date
Second Party	Haridas				Month Day Year 02 11 98
Name (line 1) Kochat	naridas				02 11 90
Name (line 2)					
Receiving Party			Mark if additional nar	nes of receiving	ng parties attached
Name (line 1) BioNum	erik Pharmaceutica	ls, Inc.			If document to be recorded is an assignment and the
Name (line 2)					receiving party is not domicited in the United
					States, an appointment of a domestic
Address (line 1) 8122 D	atapoint Drive				(Designation must be a
Address (line 2) Suite	1250				separate document from Assignment)
Address (line 3) San An	tonio	Texas / US		78229	
	City	State/Country		Zio Code	
Domestic Represer	itative Name and A	duress Enter	r for the first Receivi	ng Party only.	
Name					
Address (line 1)					
Address (line 2)					
Address (line 3)					
Address (line 4)					
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PATENT mkp 2-11-28

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Correspond	ent Name and Address	Area Code and Telephone Number	210-614-1701
Name	Thomas J. Dodd		
Address (line 1)	Senior Patent Counsel		
Address (line 2)	BioNumerik Pharmaceutic	als, Inc.	
Address (line 3)	8122 Datapoint Drive, S	uite 1250	
Address (line 4)	San Antonio, Texas 7822	9	
Pages	Enter the total number of pa including any attachments.	ages of the attached conveyance docu	ment # 4
• •	Number(s) or Patent Nur		additional numbers attached
If this document is signed by the first Patent Coop	s being filed together with a new Patest named executing inventor. Deration Treaty (PCT) er PCT application number wif a U.S. Application Number not been assigned.	PCT PCT PCT	nt Number(s)
Fee Amount	Fee Amount	for Properties Listed (37 CFR 3.41):	
Deposit	: Account payment by deposit account or if add	ditional fees can be charged to the account.) Deposit Account Number: Authorization to charge additional fees:	# 02-9338 Yes X No
Statement a	and Signature		
attach indica Thomas Name 03/31/199	ed copy is a true copy of the ted herein. J. Dodd e of Person Signing 18 BSILWARI 0000075 DAW: 022338 09022310	pelief, the foregoing information is true original document. Charges to depose the depose of the second sec	

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Conveying Pa	rty(ies) X Mark i	f additional names of conveying parties atta	ached
Enter additional C			Month Day Year
Name (line 1)	. Seetharamulu		02 11 98
Name (line 2)			
<u>L</u>			Execution Date Month Day Year
Name (line 1) D	sharatha G. Reddy		02 11 98
Name of the or			
Name (line 2)			Execution Date
Name (line 1) S	ijie Yao		Month Day Year 02 11 98
<u> </u>			
Name (line 2)			09/022,310
Receiving Pa	ty(ies)	Mark if additional names of receiving	g parties attached
Enter additional R	eceiving Party(ies)		
Name (line 1)			If document to be recorded is an assignment and the
Name (in a)			receiving party is not domiciled in the United
Name (line 2)			States, an appointment of a domestic representative
Address (line 1)			is attached. (Designation
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Address (line 2)			Assignment.)
Address (line 3)			
	City	State/Country	Zip Code
Name (line 1)			If document to be recorded
			is an assignment and the receiving party is not
Name (line 2)			domiciled in the United States, an appointment of a
Address (line 1)			domestic representative is attached. (Designation must
8			be a separate document from Assignment)
Address (line 2)			
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Application N	umber(s) or Patent Number(s	State/Country Mark if additional numbers at	Zip Code
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	tent Application Number(s)		Number(s)
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CONTINUATION PATENTS ONLY

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

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Conveying Party(ies) Mark if additional names of conveying parties attached	ed Execution Date
Enter additional Conveying Parties	Month Day Year
Name (line 1) Pavankumar N.V. Petluru	02 11 98
Name (line 2)	
	Execution Data Month Day Year
Name (line 1) Dhanabalan Murali	02 11 98
Name (line 2)	Execution Date
Name (line 1)	Month Day Year
reduite fines it	
Name (line 2)	
Receiving Party(ies) Mark if additional names of receiving p	arties attached
Enter additional Receiving Party(les)	
Name (line 1)	If document to be recorded
	is an assignment and the receiving party is not
Name (line 2)	domiciled in the United States, an appointment
Address (line 1)	of a domestic representative is attached. (Designation
	must be a separate document from
Address (line 2)	Assignment)
	
Address (line 3) City State/Country Zip) Code
Alama et a su	If document to be recorded
Name (line 1)	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 Code
Application Number(s) or Patent Number(s) Mark if additional numbers attac	
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for t	the same property).
Patent Application Number(s) Patent N	umber(s)

PATENT

REEL: 9656 FRAME: 0187

ASSIGNMENT OF APPLICATION	Docket Number (Optional) X-0039	
Whereas, I, Kochat Haridas of	San Antonio, 1	rexas, hereafter
referred to as applicant, have invented certain new and u	seful improvements	in <u>Highly Lipophilic</u>
Camptothecin Derivatives		
for which an application for a United States Pater Application Number/ for which an application for a United States Pater	*	
BioNumerik Whates Pharmacouticals Inc. of S	San Antonio Tex	rac harain referred to
Whereas, Pharmaceuticals, Inc. of S		
"assignee" whose post office address is 8122 Datapo		is de-
sirous of acquiring the entire right, title and interest in the	e same;	
Now, therefore, in consideration of the sum of <u>one</u>	_dollars (\$1.00	_), the receipt whereof is ac-
knowledged, and other good and valuable consideration	, I, the applicant, by t	hese presents do sell, assign
and transfer unto said assignee the full and exclusive rig	ht to the said inventio	n in the United States and the
entire right, title and interest in and to any and all Patents	which may be grante	d therefor in the United States,
I hereby authorize and request the Commissioner of Pa	tents and Trademark	ks to issue said United States
Patent to said assignee, of the entire right, title, and inter	est in and to the sam	e, for his sole use and behoof;
and for the use and behoof of his legal representatives, t	o the full end of the te	erm for which said Patent may
be granted, as fully and entirely as the same would have	been held by me had	d this assignment and sale not
been made.		
Executed this 11th day of 1	February	, 19 98
at San Antonio, Bexar County, Texas		
		Fa . X
		(Signature)
State of <u>Texas</u>) SS: County of Bexar		(Oignoture)
Before me personally appeared said Kochat Har		11+6
and second endergo and the second end of the sec	e act and deed this	
MY COMM. EXP.: 11-28-98	Marin	CALLE GOZONE
3 Seet K	\ / / /	Notary Public\ : /

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REEL: 9656 FRAME: 0188

	ASSIGNMENT O	F APPLICA	TION	Docket Number (Optional) X-0039
Whereas, I, P.	Seetharamulu	of	San Antonio,	Texas , hereafter
referred to as app	licant, have invented	d certain new ai	nd useful improveme	nts in <u>Highly Lipophilic</u>
Camptothec	in Derivatives			
Application	n Number/		·	on_02-11-98, and
BioN	ımerik			
Whereas, Pharm	naceuticals, In	<u>c.</u> of_	San Antonio,	Texas herein referred to
"assignee" whose	post office address is	8122 Dat	apoint Drive, S	uite 1250 is de-
sirous of acquiring	g 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-
knowledged, and	other good and value	able considera	tion, I, the applicant, I	by these presents do sell, assign
and transfer unto	said assignee the ful	l and exclusive	right to the said inve	ntion in the United States and the
entire right, title ar	nd interest in and to a	ny and all Pate	nts which may be gra	nted therefor in the United States,
I hereby authorize	e and request the Co	ommissioner of	Patents and Traden	narks to issue said United States
				ame, for his sole use and behoof;
				e term for which said Patent may
				had this assignment and sale not
been made.			•	-
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SS:

State of <u>Texas</u> County of <u>Bexar</u> P. seetnar and

(Signature)

(Notary Public)

ASSIGNMENT OF APPLICATION	Docket Number (Optional) X0039
Whereas, I, Dasharatha G. Reddy of San Antonio,	Texas, h ereafte r
referred to as applicant, have invented certain new and useful improvements	in <u>Highly Lipophilic</u>
Camptothecin Derivatives	
for which an application for a United States Patent was filed on	······································
for which an application for a United States Patent was executed on _	02-11-98, and
BioNumerik Whereas, Pharmaceuticals, Inc. of San Antonio, Tex	xas herein referred to
"assignee" whose post office address is 8122 Datapoint Drive, Sui	te 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 ac-
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	on in the United States and the
entire right, title and interest in and to any and all Patents which may be grante	d therefor in the United States,
I hereby authorize and request the Commissioner of Patents and Trademar	ks to issue said United States
Patent to said assignee, of the entire right, title, and interest in and to the same	e, for his sole use and behoof;
and for the use and behoof of his legal representatives, to the full end of the to	erm for which said Patent may
be granted, as fully and entirely as the same would have been held by me ha	d this assignment and sale not
been made.	
Executed this 11th day of February	, 19_98,
at San Antonio, Bexar County, Texas	
-e,	11-70 SH1.
State of Texas) SS:	(Signature)
County of <u>Bexar</u>) Perore the personally appeared said Dasharatha G. Reddy	
ng the ledged the ledged the ledged this	llth
MY COMM. EXP.: 11-28-98	a Desi Doman
	(Notary Public)

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ASSIGNMENT OF APPLICATION	Docket Number (Optional) X-0039
Whereas, I, Shijie Yao of San Antoni	io, Texas , hereafter
referred to as applicant, have invented certain new and useful improven	ments in <u>Highly Lipophilic</u>
Camptothecin Derivatives	
for which an application for a United States Patent was filed on	· · · · · · · · · · · · · · · · · · ·
for which an application for a United States Patent was execute	d on <u>02-11-98</u> , and
BioNumerik 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 <u>one</u> dollars (\$ 1.0	00), the receipt whereof is ac-
knowledged, and other good and valuable consideration, I, the applicar	nt, by these presents do sell, assign
and transfer unto said assignee the full and exclusive right to the said in	vention in the United States and the
entire right, title and interest in and to any and all Patents which may be g	granted therefor in the United States,
I hereby authorize and request the Commissioner of Patents and Trad	lemarks to issue said United States
Patent to said assignee, of the entire right, title, and interest in and to the	e same, for his sole use and behoof;
and for the use and behoof of his legal representatives, to the full end of	f the term for which said Patent may
be granted, as fully and entirely as the same would have been held by n	ne had this assignment and sale not
been made.	
Executed this 11th day of February	, 19_98,
at San Antonio, Bexar County, Texas	
Llo	ED CS
State of Texas 1 SS:	(Signature)
County of Bexar	
Being me personally appeared said Shijie Yao Shijie Yao And accomplete the street of	this 11th
TO BOTANT PUBLIC STATE OF SEXUS	- de 2000
MY COMM. EXP.: 11-28-98	(Notary Public)

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ASSIGNMENT OF APPLICATION	Docket Number (Optional) X-0039
Whereas, I, Pavankumar N.V. Petluru of San Antonio,	Texas , hereafter
referred to as applicant, have invented certain new and useful improvements	sin Highly Lipophilic
Camptothecin Derivatives	
for which an application for a United States Patent was filed on	
X for which an application for a United States Patent was executed on	02-11-98, and
BioNumerik Whereas, Pharmaceuticals, Inc. of San Antonio, Te	xas herein referred to
"assignee" whose post office address is 8122 Datapoint Drive, Sui	te 1250 is de-
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 ac-
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	_
entire right, title and interest in and to any and all Patents which may be grante	ed therefor in the United States.
I hereby authorize and request the Commissioner of Patents and Trademar	
Patent to said assignee, of the entire right, title, and interest in and to the same	
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	•
been made.	id this assignment and sale not
	40.00
Executed this 11th day of February	, 19_70,
at San Antonio, Bexar County, Texas	Julia .
	(Signature)
County of Bexar	
Bayere me personally appeared said Pavankumar N.V. Petluru And acquired the personally appeared said Pavankumar N.V. Petluru	11th
Tobrane Police State of Texas	Dr. The are
MY COMM. EXP.: 11-28-98	(Notary Public)

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ASSIGNMENT OF APPLICATION			X-0039	
Whereas, I,Dhanabalan Murali	of _	San Antonio, Tex	as, hereafte	
referred to as applicant, have invented certain r	new and	d useful improvements i	in Highly Lipophilic	
Camptothecin Derivatives				
for which an application for a United Sta	ates Pat	ent was filed on	•	
X for which an application for a United Sta	ates Pa	tent was executed on _	02-11-98, and	
BioNumerik Whereas, Pharmaceuticals, Inc.	of	San Antonio, Tex	as herein referred to	
"assignee" whose post office address is 8122	2 Data	point Drive, Suit	<u>:e 1250</u> is de	
sirous of acquiring the entire right, title and inte	erest in 1	the same;		
Now, therefore, in consideration of the sum of _), the receipt whereof is ac	
knowledged, and other good and valuable con-				
and transfer unto said assignee the full and exc		•	_	
entire right, title and interest in and to any and a				
I hereby authorize and request the Commission		, -		
Patent to said assignee, of the entire right, title,				
and for the use and behoof of his legal represe				
be granted, as fully and entirely as the same we				
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at San Antonio, Bexar County, Tex	xas		·	
	-	D. Mr.		
State of Texas SS:			(Signature)	
County of Bexar Dhana	abalan	Murali G		
approximately foregoing instrument to	be his f	ree act and deed this $_1$	1th	
NOTARY PUBLIC STATE OF TEXAS		Mamme	All as one	
MY COMM. EXP.: 11-28-98			Notary Public)	

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