FORM PTO-1619A 29 Expires 09/10/99 OMB 0851-0027	i İ	08-18-1998		U.S. Department of Commerce Patent and Trademark Office PATENT
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TO: The Commissioner of Pa	teme and radema	rks: Please record the	attached original docum	nent(s) or copy(ies).
Submission Type	E.S.	Conveyance Ty		
X New	23	X Assignment	Security Agree	ment
Resubmission (Non-Rec	ordation)	License	Change of Nan	ne
Correction of PTO Error		\	Other	<del></del> _
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	H. Hausheer			Month Day Year 02 11 98
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Name (line 2)				Execution Date
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Name (line 2)				
Receiving Party			Mark if additional names of	receiving parties attached
Name (line 1) BioNumeril	c Pharmaceutic	als, Inc.		if document to be recorded is an assignment and the
Name (line 2)				receiving party is not domicited in the United
regitte (mid 2)			<u></u>	States, an appointment of a domestic
ddress (line 1) 8122 Data	point Drive			representative is attached. (Designation must be a
ddress (line 2) Suite 1250				separate document from Assignment)
ddress (line 2) Suice 1250	J			Assignment)
ddress (line 3) San Anton:	io	Texas / US	7822	
omestic Representat	ive Name and	Address Fall		Code
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Name				<u>.v.</u> 9
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FOR OFFICE USE ONLY

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Conveying I	Party(ies)	X Mark if additional	names of conveying pa	urties attached	0,
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Name (line 1)	P. Seetharamulu				02 11 98
Name (tine 2)					Execution Date
Name (line 1)	Dasharatha G. Reddy				Month Day Year 02 11 98
Name (line 2)					Execution Data
Name (line 1)	Shijie Yao				Month Day Year 02 11 98
Name (line z)					09/022,310
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Address (line	)				of a domestic representative is attached. (Designation
Address (line	(1)				must be a separate document from Assignment)
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Name (line	2)				receiving party is not domiciled in the United States, an appointment of a
Address (line	1)				domostic representative is attached. (Designation must
Address (line	2)				be a separate document from Assignment.)
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Application	Number(s) or Patent	Number(s)	State/Country  Mark if additional nu		ode
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Conveying I	Conveying Parties	Mark if additional names of convey	ng parties attached	Execution Date Month Day Year
Name (the 1)	Pavankumar N.V.	Petluru		02 11 98
Name (line 2)				Execution Date Month Day Year
Name (line 1)	Dhanabalan Mural:			02 11 98
Name (line z)				Execution Date
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Receiving P	arty(ies)	Mark if additional nam	nes of receiving per	ties attached
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Name (line t	)			If document to be recorded is an assignment and the
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Address (line	0)			of a domestic representative is attached. (Designation must be a separate
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FORM : PTO-1619B		Page 2	U.S. Department of Commerce Patent and Tredemark Office
Correspondent No	ame and Address		PATENT
Correspondent Na	ine and Address	Area Code and Telephone Nui	mber 210-614-1701
Name Thomas	s J. Dodd		
Address (line 1) Senior	Patent Counsel		
Address (line 2) BioNut	merik Pharmaceutica	als, Inc.	
Address (line 3) 8122 I	Datapoint Drive, Su	uite 1250	
Address (line 4) San Ar	ntonio, Texas 78229	9	
	the total number of pading any attachments.	ges of the attached conveyance	document # 4
l	er(s) or Patent Nun	i	Mark if additional numbers attached
		Patent Number (DO NOT ENTER BOTH n	
Patent App	plication Number(s)		Patent Number(s)
If this document is being fill signed by the first named	ed together with a <u>new</u> Pate executing inventor.	nt Application, enter the date the patent a	pplication was Month Day Year 02 11 98
Patent Cooperatio	n Treaty (PCT)		
	application number	PCT PCT	PCT
	<ol> <li>Application Number en assigned.</li> </ol>	PCT PCT	PCT
Number of Proper	ties	tal number of properties involved	d. # 1
Fee Amount	Fee Amount	for Properties Listed (37 CFR 3)	41): \$ 40
Method of Payn	nent: Enclo	osed Deposit Account	
Deposit Accourt		itional fees can be charged to the account	<u> </u>
		Deposit Account Number:	# 02-9338
		Authorization to charge additional fe	es: Yes X No
Statement and Sig	nature		
To the best of attached copy	my knowledge and be	elief, the foregoing information is	s true and correct and any leposit account are authorized, as
indicated here	oin.	X AAX	and damidised, 03
Thomas J. Dodo		MON WWW	2-11-98
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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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ASSIGNMENT OF APPLICATION	Docket Number (Optional) X-0039
	**
Whereas, I, Frederick H. Hausheer of Boerne,	Texas , hereaft
referred to as applicant, have invented certain new and useful impro	ovements in <u>Highly Lipophilic</u>
Camptothecin Derivatives	
for which an application for a United States Patent was filed Application Number/	on
for which an application for a United States Patent was executed a state of the sta	cuted on 02-11-98 , and
BioNumerik	
Whereas, Pharmaceuticals, Inc. of San Anton	
"assignee" whose post office address is 8122 Datapoint Driv	ve, Suite 1250 isd
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 a
knowledged, and other good and valuable consideration, I, the appl	licant, by these presents do sell, assig
and transfer unto said assignee the full and exclusive right to the sa	id invention in the United States and t
entire right, title and interest in and to any and all Patents which may	
I hereby authorize and request the Commissioner of Patents and	_
Patent to said assignee, of the entire right, title, and interest in and t	
and for the use and behoof of his legal representatives, to the full er	nd of the term for which said Patent ma
be granted, as fully and entirely as the same would have been held	by me had this assignment and sale n
been made.	
Executed this 11th day of February	. 19 98
at San Antonio, Bexar County, Texas	
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<del></del>	(Signature)
State of Texas SS:	(AiBuarnia)
County of Hexar Beinge me personally appeared sale Frederick H. Haushe	
are asking tedges THE THE STATE ment to be his free act and de	eed this 11th
WY COMM. EXP.: 11-28-49	msu Dee Abzano
	(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231. **PATENT** 

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Palent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

for which an application for a United States Patent was filed on	11-98 and herein referred
Camptothecin Derivatives  for which an application for a United States Patent was filed on Application Number / for which an application for a United States Patent was executed on 02-BioNumerik Whereas, Pharmaceuticals, Inc. of San Antonio, Texas "assignee" whose post office address is 8122 Datapoint Drive, Suite sirous of acquiring the entire right, title and interest in the same; Now, therefore, in consideration of the sum of one dollars (\$1.00), knowledged, and other good and valuable consideration, I, the applicant, by these and transfer unto said assignee the full and exclusive right to the said invention in entire right, title and interest in and to any and all Patents which may be granted the I hereby authorize and request the Commissioner of Patents and Trademarks to	11-98 and herein referred
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been made.	
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at San Antonio, Bexar County, Texas	·
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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCI
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11: PTO/88/18 (8-88
Approved for use through 9/30/98, OMB 0881-002

	ASSIGNMENT	OF APPLICA	ATION	Oocket Number X-0039	(Optional)
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Whereas, I,	Dasharatha G. R	eddy o	f San Anton	io, Texas	hereaft
referred to as a	applicant, have invente	d certain new a	nd useful improven	nents in Highly Li	pophilic
Camptoth	ecin Derivatives				
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B1	oNumerik ,				18.00
Whereas, Ph.	armaceuticals, In	1C. of_	San Antonio,	Texas herel	bernefer n
"assignee" who	se post office address	is 8122 Dat	apoint Drive,	Suite 1250	is d
sirous of acqui	ring the entire right, titl	e and interest in	n the same;		
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be granted, as	fully and entirely as the	e same would h	ave been held by π	e had this assignment:	and sale n
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at San An	tonio, Bexar Cou	nty. Texas			
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Patent and Tredemark Office; U.S. DEPARTMENT OF COMMERCE
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ASSIGNMENT OF APPLICATION		Docket Number (Optional) X-0039
Whereas, I, Shijie Yao of S	an Antonio, T	exas hereaft
referred to as applicant, have invented certain new and usef		
Camptothecin Derivatives		
for which an application for a United States Patent w Application Number/		
for which an application for a United States Patent w	as executed on_	02-11-98 , and
BioNumerik		•
Whereas, Pharmaceuticals, Inc. of San	Antonio, Ter	tas herein referred
"assignee" whose post office address is 8122 Datapoin	t Drive, Sui	te 1250 isd
sirous of acquiring the entire right, title and interest in the sa	ime;	
Now, therefore, in consideration of the sum of one de	ollars (\$ 1.00	), the receipt whereof is a
knowledged, and other good and valuable consideration, i,		<del></del>
and transfer unto said assignee the full and exclusive right to	•	•
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entire right, title and interest in and to any and all Patents wh		
I hereby authorize and request the Commissioner of Pater	its and Trademar	ks to issue said United State
Patent to said assignee, of the entire right, title, and interest	t in and to the sam	ne, for his sole use and beho
and for the use and behoof of his legal representatives, to the	he full end of the t	erm for which said Patent m
be granted, as fully and entirely as the same would have be	en held by me ha	d this assignment and sale (
been made.		
Executed this 11th day of Fel	bruary	19_98
at San Antonio, Bexar County, Texas		
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State of Texas SS:	U	(Signature)
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ASSIGNMENT OF APPLI	CATION	Docket Number (Optional) X-0039
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Whereas, I. Pavankumar N.V. Petluru	of San Antonio	, Texas , hereaft
referred to as applicant, have invented certain ne	w and useful improveme	ents in <u>Highly Lipophilic</u>
Camptothecin Derivatives		
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for which an application for a United State	es Patent was executed	on_02-11-98, and
BioNumerik Whereas, Pharmaceuticals, Inc.	of San Antonio.	Tayas komin manual
*assignee* whose post office address is 8122		
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and transfer unto said assignee the full and exclu		
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I hereby authorize and request the Commission	er of Patents and Trade	marks to issue sald United Stat
Patent to said assignee, of the entire right, title, a	ind interest in and to the	same, for his sole use and beho
and for the use and behoof of his legal represent	atives, to the full end of t	he term for which said Patent m
be granted, as fully and entirely as the same wou	ıld have been held by me	had this assignment and sale
been made.		
Executed this 11th day	of February	
at San Antonio, Bexar County, Texa		·
	Parente	metitue
State of Texas 1 SS:		(Signature)
County of Bexar	himan N ft - N - 4	
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Transfer T administrative start of fixes	X	$\mathcal{A}/\mathcal{A}$

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ASSIGNMENT OF APPLICATION	Docket Number (Optional) X-0039
Whereas, I, Dhanabalan Murali of San Ant	onio, Texas hereaf
referred to as applicant, have invented certain new and useful imp	provements in Righly Lipophilic
Camptothecin Derivatives	
for which an application for a United States Patent was file Application Number/	
BioNumerik	secured on <u>02-11-98</u> and
Whereas, Pharmaceuticals, Inc. of San Ant	onio, Texas herein referred
"assignee" whose post office address is 8122 Datapoint Dr	ive, Suite 1250 is c
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 a
knowledged, and other good and valuable consideration, I, the ap	-
and transfer unto said assignee the full and exclusive right to the	
entire right, title and interest in and to any and all Patents which ma	
i hereby authorize and request the Commissioner of Patents an	• •
Patent to said assignee, of the entire right, title, and interest in an	
•	•
and for the use and behoof of his legal representatives, to the full	end of the term for which said Patent I
be granted, as fully and entirely as the same would have been he	old by me had this assignment and sale
been made.	
been made.	
been made.  Executed this 11th day of February	
Executed this 11th day of Februar  at San Antonio, Bexar County, Texas	<u>19.98</u> ,
been made.  Executed this <u>llth</u> day of <u>Februar</u> at <u>San Antonio</u> , Bexar County, Texas  State of <u>Texas</u> SS: County of Bexar	D. Mural
been made.  Executed this 11th day of Februar  at San Antonio, Bexar County, Texas  State of Texas SS:	D. M. 20. (Signature)
been made.  Executed this lith day of Februar  at San Antonio, Bexar County, Texas  State of Texas SS: County of Bexar  Before me personally appeared said Dhanabalan Murali	D. M. 20. (Signature)

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