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1. NAME OF CONVEYING PART 1. Gary H. Posner	1(123) (ASSIGNURS(S)).	2. Jae-Kyoo Lee		· va
3. Qiang Wang		4. Kenneth Crawford	BE SEP 1 5 20	n (ŝ
5. Gyoonhee Han		6.		w w
7. ADDITIONAL NAME(S) OF CON	VEYING PARTY(IES) ATTACH	8. Hed? ∐yes ⊠no	E SEP 15 20 E CRADEMPS	M SEC
2. PARTY(IES) (ASSIGNEE(S)) F	RECEIVING INTEREST:			
NAME: Johns Hopkins University				
ADDRESS: 3400 North Charles S	Street, Baltimore, Maryland 212	218		
ADDITIONAL NAME(S) & ADDR		S 🖾 NO		
	(DOCUMENT): <u>cument</u> for recordation—multipl	le copies of same Assignm	ent signed by differer	nt inventors is one
document) ⊠ASSIGNMENT OF		REST FXEC D	ATE: August 28, 29,	30, 2000 and
		1	er 1, 2000	
CHANGE OF NAME				
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4.5 APPL. NO.(S) OR PAT NO.(S	S). OTHERS ON ADDITIONAL		YES NO	
A, PAT. APP. NO.(S) M#	1* INVENTOR If not in item 1	B. PATENT NO(S)	/#	1* INVENTOR If not in item 1
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5. Name & Address of Party to V Concerning Document Should		6. NUMBER INVOLV APPLNS <u>1</u> + PATS		<u>1</u>
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Signatu	re			
Attorney: <u>Ann S. Hobbs</u> Reg. No. 36830		Date: September 1	5, 2000	
Reg. No. 36830 Date: Opposition				
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Document2				PAT-114X 11/1999

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NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT	(1) Gary H. POSNER	(2) Jae-Kyoo LEE
NAME(S) OF	(3) Qiang WANG	(4) Kenneth CRAWFORD
INVENTOR(S)	(5) Gyoonhee HAN	x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT Jo	phns Hopkins University
NAME(S) OF 34	400 North Charles Street
ASSIGNEE(S) B	altimore, Maryland 21218
& ADDRESS(ES)	

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF	Non-Calcemic, Antiproliferative, Transcriptionally Active Sulfur-Containing Analogs of 1a, 25-Dihydroxy Vitamin D ³			
	for which the undersigned ex	xecuted an application for Lette	ers Patents	of the United States of America:
<u>NOTE</u> → → (Complete	(A) 🗌 even date herewith (B) 🗍 on			
line A, B and/or C)	(C) X in U.S. Appin. No.	09/ 541,060	filed	March 31, 2000
At said ASSIGNEE, for its inte	ID the undersigned hereby authorize(s)	and request(s) the United States Commiss	ioner of Paten igned agree(s)	ts and Trademarks to issue said Letters Patent to the that the attorney of record in said application shall

hereinafter act on behalf of said ASSIGNEE; AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed

essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

The undersigned hereby authorize(s) Pillsbury Madison & Sutro LLP of the above address to insert hereon any further identification necessary or desirable <u>NOTE</u> $\rightarrow \rightarrow$ for recordation of this document.

1): Name: 2)	INVENTORS Many H. Comercian Gary H. POSNER	DATE SIGNED 8129100	Koralie Elder
Name: 3)	Jae-Kyoo LEE		
Name: 4) Name:	Qiang WANG Kenneth R. Cumpton	8/29/00	Rosalie Elder
Name:	Kenneth CRAWFORD		-
5) Name:			
Name:	Gyoonhee HAN		

PAT-114 12/99 PATENT REEL: 011073 FRAME: 0902

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Client Ref.

C-1436(b)

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT	(1) Gary H. POSNER	(2) Jae-Kyoo LEE
NAME(S) OF	(3) Qiang WANG	(4) Kenneth CRAWFORD
INVENTOR(\$)	(5) Gyoonhee HAN	x box if continued on page 2

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INSERT		Johns Hopkir	is University				
NAME(S) O	F	3400 North C	harles Street				
ASSIGNEE	• •	Baltimore, Ma	aryland 21218				
& ADDRES	S(ES)						
				rest for the United States c of; and all resulting petent		C. 100, in the Invention and all app	lications including
TITLE OF	I	Non-Calcemi Vitamin D ³	c, Antiprolifera	ative, Transcription	ally Active Sulfur-Contai	ning Analogs of 1α , 25-D	lihydroxy
		for which the	undersigned (executed an application	ation for Letters Patents	of the United States of A	merica:
<u>NOTE</u> → → (Complete	•	(A) 🗌 even (B) 🗌 on	date herewit	h			
line A, B an	nd/or C)	(C) 🛛 in U.	3. Appln. No.	09/ 541,060	filed	March 31, 2000	
hereinafter act	E, for its inte L on behalf or At SSIGNEE to Th	rest as ASSIGNEE; said ASSIGNEE; ID the undersigned I ASSIGNEE'S full pro e undersigned herei	its successors, ass hereby agree(s) to t dection and title in (igns and legals represents testify and execute any pa and to the invention hereb	vitives; the undersigned agree(s) pers for ASSIGNEE, its success y transferred.	s and Trademarks to issue said Le that the attorney of record in said a ors, assigns and legal representati nereon any further identification ne	opplication shell ves, deemed
4).	INVEN	TORS			DATE SIGNED	WITNESSES	
1): Name;	Gany	POSNER					
2)		Julha	1a		8/30/00	La J Wall	8/31/00
Name:	Jae-Ky	OO LEE				and the second	
3)	-						
Name: 4) Name:	Qiang	WANG					
Name: 5) Name:	Kenne	th CRAWFOR	D				

Name: Gyoonhee HAN

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USA Patent Appin. Sole or Joint

TO:4108896103

P.006/006

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Client Ref.

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

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INSERT	(1) Gary H. POSNER	(2) Jae-Kyoo LEE
NAME(S) OF	(3) Qlang WANG	(4) Kenneth CRAWFORD
INVENTOR(S)	(5) Gyoonhee HAN	x box if continued on page 2

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INSERT	_ Johns Hopkins University
NAME(S) OF	3400 North Charles Street
ASSIGNEE(S)	Baltimore, Maryland 21218
& ADDRESS(ES)	

(hereinster designated "ASSIGNEE") the entire right, bue and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patents, known as

TITLE OF INVENTION

Non-Calcemic, Antiproliferative, Transcriptionally Active Sulfur-Containing Analogs of 1a, 25-Dihydroxy Vitamin D³

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE $\rightarrow \rightarrow$	(A) 🛄 even date herewith
(Complete	(B) 🗌 on
fine A, B and/or C)	(C) X in U.S. Appln, No. 09/ 541,060 Filed March 31, 2000

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to Issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives, the undersigned agree(s) that the atomey of record in said application shall hereinafter act on bahalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASS/GNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and the in and to the invention hereby transferred.

NOTE $\rightarrow \rightarrow$ The undersigned hereby authorize(s) Pillsbury Macison & Sutro LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this ocoument.

1):	INVENTORS	DATE SIGNED	WITNESSES
Name:	Gary H. POSNER		ىرىنى ئەلەرلەر يەرىپىيە يەرىپەر
2) Name: 3)	Jae-KyBo LEE	Stiston	
Name: 4) Name:	Letang WANG	ىسىرىمەن ، بىرىمەن بىرىمەر بىرى ، يەرىلەر بىرى ، سىرىمەن بىرىمەن بىرىمەن بىرىمەن بىرىمەن بىرىمەن بىرىمەن بىرىمەن	
Name: 5) Name:	Kenneth CRAWFORD	an a	ههای این این این این این این این این این ا
Name	Gyoanhee HAN	den der Califaberg den Angelen der Standen andere Stand	۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰

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NON	IPRO\	ISION	Ā	L

ASSIGNMENT OF NONPROVISIONAL APPLICATION

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT	(1) Gary H. POSNER	(2) Jae-Kyoo LEE
NAME(S) OF	(3) Giang WANG	(4) Kenneth CRAWFORD
INVENTOR(S)	(5) Gyoonhee HAN	x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT	ERI Johns Hopkins University		
NAME(S) OF	3400 North Charles Street		
ASSIGNEE(S)	Baltimore, Maryland 21218		
& ADDRESS(ES)			
	SSIGNEE") the entire right, title and interest for the invations, substitutes, and relasues thereof; and all r		, 100, in the Invention and all applications including
TITLE OF INVENTION	Non-Calcemic, Antiproliferative, Transcriptionally Active Sulfur-Containing Analogs of 1α , 25-Dihydroxy Vitamin D ³		
	for which the undersigned executed	d an application for Letters Patents	of the United States of America:
<u>NOTE</u> → →	(A) 🔲 even date herewilh		
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line A, B and/or C)	(C) 🖾 in U.S. Appln. No 09/ 5	41,060 filed	March 31, 2000
said ASSIGNEE, for its in nereination and on behalf Assentiat by ASSIGNEE 1	terest as ASSIGNEE, its successors, assigns and le of said ASSIGNEE; NND like undersigned hareby agree(s) to tostify and it o ASSIGNEE'S full protection and itile in and to the rive undersigned hereby authorize(s) Pillabury Madis	gels reprozentatives; the undersigned agree(s) execute any papers for ASSIGNEE, its success invention hereby transferred.	
	NTORS	DATE SIGNED	WITNESSES
1): Name: Gary 2)	H. POSNER		
	(yoo LEE		

Gary H. POSNER		
Jae-Kyoo LEE		
Qiang WANG		
Kenneth CRAWEORD		
Gybonhee HAN	Dept 01, 2000	
	Jae-Kyoo LEE Qiang WANG Kenneth CRAWEQRD	Jae-Kyoo LEE Qiang WANG Kenneth CRAWEQRD More a pept ol, 2000

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