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Pillsbury Madison & Sutro LLP
Intellectual Property Group
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Washington, D.C. 20005-3918

USA Patent Appln.
Sole or Joint

For Inventions made outside USA
executed with or after application

Atty. Dkt. PMS 259810 1382A
M# Client Ref.

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 NAME(S) OF INVENTOR(S)	(1) Gary H. POSNER	(2) Jae Kyoo LEE
	(3) Qiang WANG	(4)
	(5)	<input type="checkbox"/> 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
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

Johns Hopkins University
34th and Charles Streets
Baltimore, Maryland 21218

(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
INVENTION

Non-Calcemic, Antiproliferative, Transcriptionally Active 24-Fluorinated Hybrid Analogs of 1 α , -25-Dihydroxy Vitamin D₃

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

NOTE → →
(Complete line A, B and/or C)

(A) even date herewith
(B) on _____
(C) in U.S. Appln. No. 09/ 323, 106 filed June 1, 1999

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 legal representatives; the undersigned agree(s) 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.

NOTE → → The undersigned hereby authorize(s) Pillsbury Madison & Sutro LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	INVENTORS	DATE SIGNED	WITNESSES
1): Name:	<u>Gary H. Posner</u> Gary H. Posner	<u>6/22/99</u>	<u>Rosalie Elder</u>
2): Name:	<u>Jae Kyoo Lee</u> Jae Kyoo Lee		
3): Name:	<u>Qiang Wang</u> Qiang Wang	<u>6/22/99</u>	<u>Rosalie Elder</u>
4) Name: Name:			
5) Name: Name:			

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3): Name: Qiang Wang		
4) Name:		
Name:		
5) Name:		
Name:		