PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
JOHNS HOPKINS UNIVERSITY	01/03/2000

RECEIVING PARTY DATA

Name:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government	
Street Address:	NIH Division of Extramural Inventions and Technology Resources (DEITR)	
Internal Address:	6705 Rockledge Drive, Suite 310, MSC 7980	
City:	Bethesda	
State/Country:	MARYLAND	
Postal Code:	20892-7980	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	09323106

CORRESPONDENCE DATA

Fax Number: (301)480-0272

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: edison@nih.gov

Correspondent Name: Director, DEITR

Address Line 1: NIH, 6705 Rockledge Drive, Suite 310

Address Line 2: MSC 7980

Address Line 4: Bethesda, MARYLAND 20892-7980

NAME OF SUBMITTER: Director, DEITR, NIH

Total Attachments: 1

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PATENT REEL: 021599 FRAME: 0997 LICENSE TO THE UNITED STATES GOVERNMENT

This instrument confers to the United States Government, as represented by the National Institutes of Health, a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced on its behalf throughout the world the following subject invention. This license will extend to all divisions or continuations of the patent application and all patents or reissues which may be granted thereon:

JHU Reference:

C-1382

Inventor(s):

Gary Posner Qiang Wang

Jae-Kyoo Lee

NIH Grant Number:

OD\\ EIR: 4134401-98-001//1

Grant Numbers:

NIH CA 44530

CA52857 DK50583

Patent Application Number:

USSN 09/323,106 filed 06/01/99

Patent title:

"Non-Calcemic, Antiproliferative,

Transcriptionally Active 24-Fluorinated Hybrid Analogs of 1a, 25-Dihydroxy

Vitamin D3"

This subject invention was conceived or first actually reduced to practice in performance of a government-funded project, National Institutes of Health Grant referenced above.

Principal rights to this subject invention have been left with the Licensor: The Johns Hopkins University, subject to the provisions of 37 CFR 401 and 45 CFR 8.

JOHNS HOPKINS UNIVERSITY

By:

Nina M. Siegler, A.F.A

Title: Director, Office of Technology Transfer

Date

3/00

PATENT REEL: 021599 FRAME: 0998

RECORDED: 09/29/2008H