### PATENT ASSIGNMENT

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

### **CONVEYING PARTY DATA**

Name	Execution Date
UNIVERSITY OF ARKANSAS MED SCIS LTL ROCK	04/29/2005

#### **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)
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# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10727461

# **CORRESPONDENCE DATA**

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NAME OF SUBMITTER: Director, DEITR, NIH

**Total Attachments: 1** 

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PATENT REEL: 020858 FRAME: 0214

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Sign and Fax this to (301) 480-0272	
Invention Title: Identification of Molecular Determinants of Myeloma Bone Disease Through	
Comparative Global Gene Expression Profiling of Newly Diagnosed Myeloma with and withou	8°C.
Lytic Bone Lesions: WWY Signaling Antagonist DEEL and FEZB are Mediators	
Invertor(s): John D. Shaughnessy	
U.S. Filling/Issue Date: <u>12/04/2003</u>	
Patent or Application Serial No.: 10/727,461	
Grant/Contract Number(s): CA055919, CA097813	
Foreign Applications filed/intended in (countries):	00000
The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights di at 37 CFR 481.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the all identified grant or contract award from the United State Government. This document is confirmatory of:  1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of United States the invention described in any patent application and in any and all divisions, continuations, continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and  2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws regulations that are applicable to the award.	oov f th an
The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified parapplication.	(19)
Signed this <u>29 K</u> day of <u>Qa Q</u> .	
By Ann Kemp (Name of Grantee/Contractor Official) (Signature)	
Tale Vice President for Finance and Administration	
For University of Arkansas med scis Ltl. Rock (Grantes/Contractor Organization)	
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PATENT REEL: 020858 FRAME: 0215

○ RECORDED: 04/25/2008