

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE
CONVEYING PARTY DATA	
Name	Execution Date
UNIVERSITY OF MICHIGAN	04/25/2008
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:	12101753
CORRESPONDENCE DATA	
Fax Number:	(301)480-0272
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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 source=12101753#page1.tif	

500524682

PATENT  
REEL: 020863 FRAME: 0954

## License to the United States Government

Invention Title: An Imaging Biomarker for Treatment Assessment in Focal and Multi-Focal Metastatic Bone Cancer and Multi-Focal Tumors of the Soft Tissues

Inventor(s): Brian D Ross, Alnawaz Rehemtulla, Thomas L Chenevert, Charles R Meyer, Kenneth J Pienta, Anne F Schott, Kuei C Lee, Maha Hussain

U.S. Filing/Issue Date: 04/11/2008 / 00/00/00

Patent or Application Serial No.: 12/101,753

Grant/Contract Numbers: NIH - CA093990, NIH - CA085878, NIH - CA087634, NIH - CA069568, NIH - CA083099.

Foreign Applications filed/intended in (countries): PCT - PCT/US2008/060092

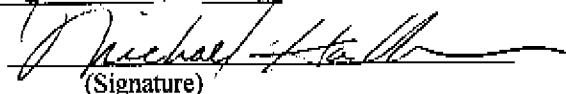
The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government This document is confirmatory of:

1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and 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 and regulations that are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 25<sup>th</sup> day of April, 2008.

By: Michael Hallman  
(Name of Grantee/Contractor Official)

  
(Signature)

Title: Patent Administrator

For: University of Michigan  
(Grantee/Contractor Organization)

At: 3003 S. State St., Ann Arbor, MI 48109  
(Business Address)

PATENT

RECORDED: 04/28/2008

REEL: 020863 FRAME: 0955