FORM PTO-1595

07-28-1998

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office 7-24-18 **R SHEET** MRD 100778196 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Helen Piwnica-Worms Name: Washington University Internal Address: Additional name(s) of conveying party(ies) attached? ☐Yes No 3. Nature of conveyance: Street Address: One Brookings Drive ☐ Merger City: St. Louis State: MO Zip:63130 ☐ Security Agreement ☐ Change of name Additional name(s) & address(es) attached? ☐ Yes

No Other ____ Execution Date: June 10, 1998 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is * A. Patent Application No.(s) B. Patent No.(s) 09/067,379 Additional numbers attached? ☐ Yes ⋈ No 5. Name and address of party to whom 6. Total number of applications and patents correspondence concerning document should involved: 1 be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Name: Lorance L. Greenlee Internal Address: Greenlee, Winner & Sullivan Street Address: 5370 Manhattan Circle, ☐ Authorized to be charged to deposit account Suite 201 City: Boulder State: CO ZIP: 80303 8. Deposit Account Number 07-1969 DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Lorance L. Greenlee July 21, 1998 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document: 3

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PATENT ASSIGNMENT

WHEREAS, I, Helen Piwnica-Worms, of 45 Godwin Lane, Ladue, Missouri, 63124, have invented ANTIBODY SPECIFIC FOR HUMAN Myt1 AND DETECTION METHODS, for which I have made an application for Letters Patent in the United States having the Serial Number 09/067,379 and the official filing date April 27, 1998, and

WHEREAS, I, Helen Piwnica-Worms, as an employee of the Howard Hughes Medical Institute ("HHMI"), a Delaware not-for-profit corporation, have agreed as a condition of employment to assign to HHMI all rights in any inventions made or developed by me as a result of research financed, in whole or in part, by HHMI funds or funds under the control of HHMI, and have executed an assignment of my rights in the inventions disclosed in the above mentioned application to HHMI as required in an Intellectual Property Agreement appended to HHMI's State of Policy on Intellectual Property, and

WHEREAS, Washington University, a corporation of the State of Missouri having its principal office and place of business at One Brookings Drive, St. Louis, Missouri, 63130, is desirous of acquiring the entire right, title, and interest in and to said inventions as disclosed in said application and in and to any Letters Patent or Patents, United States or foreign, to be obtained, and

WHEREAS, HHMI and Washington University have a pre-existing Collaboration Agreement regarding ownership and assignment of inventions made by employees of HHMI at Washington University whereby said employees shall assign their rights in said inventions to HHMI, and HHMI shall assign its rights in said inventions to Washington University, and

WHEREAS, HHMI has appointed **Helen Piwnica-Worms** as its agent for the purpose of assigning HHMI's rights in the above mentioned invention to Washington University in accordance with and subject to the conditions of the Collaboration Agreement.

NOW THEREFORE, in consideration of the remuneration to be shared with the Inventor in accordance with the Washington University institutional policy on intellectual property in effect as of the date of this assignment and other good and valuable considerations, paid or to be paid, and pursuant to the Intellectual Property Agreement between **Helen Piwnica-Worms** and HHMI and further pursuant to the Collaboration Agreement between Washington University and HHMI, I, **Helen Piwnica-Worms**, acting for myself and as agent for HHMI, have sold, assigned, and transferred and do hereby sell, assign, and transfer unto the said Washington University, its successors, legal representatives and assigns, the entire right, title, and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents, including divisional, continuations, continuations-in-part, reissues and extensions to be

PATENT REEL: 9338 FRAME: 0258 obtained therefore in the United States and all foreign countries,

AND for the same consideration, and pursuant to said Intellectual Property Agreement and said Collaboration Agreement, I hereby agree to and with Washington University, it successors, legal representatives and assigns, that, at the time of execution of this assignment, I, as inventor of the disclosed inventions and as the agent of HHMI for the purpose of assigning HHMI's rights in the inventions, constitute the sole and lawful owner of the entire right, title, and interest in and to the said inventions and the application for Letters Patent above mentioned, and that I am unencumbered and have good and full right and lawful authority to sell and convey the same in the manner here set forth.

AND I further agree to cooperate with Washington University, its successors, legal representatives, or assigns in the procurement, maintenance, enforcement and defense of any and all such Letters Patent as the University, its successors, legal representatives, or assigns may desire to apply for, but at the expense of the University, its successors, legal representatives, or assigns.

The Commission of Patents or other proper official is hereby authorized and requested to issue said Letters Patent to said Washington University in accordance with this assignment.

	WHEREOF, I	have	hereunto	set	my	hand	this	10th	day	of
- Jave,	1770.	Helen Pinnica Worms								
Helen Piwnica-Worms For herself and as agent for the Howard Hughes Medical Instit										
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STATE OF MISSOURI)
) SS

COUNTY OF ST. LOUIS)

On this 16th day of 1998, before me, a Notary Public, within and for the State of Missouri personally appeared Helen Piwnica-Worms, to me known to be the person described in and who executed the foregoing assignment and acknowledged that she executed the same as her free act and deed.

In witness whereof, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.

Notary Public & Harrett

DANIELLE L. GARRETT
Notary Public - Notary Seal
STATE OF MISSOURI
St. Louis County

My Commission Expires: Oct. 21, 200

RECORDED: 07/24/1998

PATENT

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