09-16-2002

Form PTO 1595 Web 9-10-07 1022226	Docket No.: JHU1760-1	
To the Honorable Commissioner for Pater	se record the attached original documents or copy thereof.	
1. Name of Conveying party(ies):	2. Name and address of receiving Party(ies)	
 James G. Herman Stephen B. Baylin Manel Esteller 	Name: The Johns Hopkins University School of Medicine Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes _X_ No	Street Address: 111 Market Street, Suite 906	
3. Nature of conveyance:	City: Baltimore State: M.D. Zip: 21202	
X Assignment Merger Security Agreement Change of Name Other	Additional name(s) & address(es) attached? Yes X No	
Execution Date: 1. 7/19/02 2. 7/18/02 3. 8/18/02		
 4. Application number(s) or patent number(s): If this document is being filed together with a new application, A. Patent Application No.(s) 09/969,131 Additional numbers attach 	the execution date of the application is: B. Patent No.(s) B. Yes X No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of Applications and patents involved: 1	
Name: Lisa A. Haile, J.D., Ph.D. GRAY CARY WARE & FREIDENRICH LLP	7. Total fee (37 CFR 3.41) \$\(\frac{40.00}{}\)	
Street Address: 4365 Executive Drive, Suite 1100 City: San Diego State: CA Zip: 92121-2133	8. Enclosed - Check No.: 517919 Authorized to charge any underpayment or credit and fees to Deposit Account No.: 50-1355.	
09/13/2002 AAHMED1 00000008 09969131 DO NOT USE THIS SPACE		
9. Statement and signature:	<u> </u>	
To the best of my knowledge and belief, the foregoing information of the original document. Lisa A. Haile, J.D., Ph.D.	ion is true and correct and any attached copy is a true copy Aule 9/4/02	
Name of Person Signing	Signature Date	

Total number of pages including cover sheet, attachments, and document:

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<u>ASSIGNMENT</u> (BY INVENTORS)

This assignment ("Assignment") is made by James G. Herman of Lutherville, Maryland, Stephen B. Baylin of Baltimore, Maryland, and Manel Esteller of Baltimore, Maryland (collectively, the "Assignors") to THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE, a California corporation ("Assignee"), having a place of business at 111 Market Place, Suite 906, Baltimore, Maryland 21202.

Recitals

- A. Each of the assignors has invented a new and useful invention entitled METHOD OF PREDICTING THE CLINICAL RESPONSE TO CHEMOTHERAPEUTIC TREATMENT WITH ALKYLATING AGENTS for which an application for United States Letters Patent was filed on October 1, 2001, in the United States Patent and Trademark Office.
- B. Each of the Assignors authorizes and requests insertion of the serial number of the application when officially known:

The United States Application Serial No.: 09/969,131

- C. Each of the Assignors believes the Assignors to be the original, first and joint inventors of the invention disclosed and/or claimed in the application for Letters Patent.
- D. The parties desire to have a recordable instrument assigning from the Assignors to the Assignee the entire rights, title and interest in and to the invention, the application and all Letters Patent in the United States and throughout the world that may be granted or issued for the invention or that derive a right of priority from the application

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(including, without limitation, all divisional, continuation, continuation-in-part, request for continued examination and continued prosecution applications thereof, and all reissues and reexaminations thereof, and all foreign counterparts thereof) (collectively, the "Invention Patents").

Agreement

NOW, THEREFORE, in accordance with the obligations to assign the Invention Patents and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each of the Assignors agrees to the foregoing and as follows:

- 1. Each of the Assignors does and will sell, assign and transfer to Assignee, such Assignor's entire rights, title, and interest in and to each of the Invention Patents, including, without limitation, the rights to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.
- 2. Each of the Assignors agrees that, upon request and without further compensation, but at no expense to such Assignor, such Assignor and such Assignor's legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing each of the Invention Patents in the United States and throughout the world, and for perfecting, recording, or maintaining the title of Assignee, and Assignee's successors and assigns, in and to each of the Invention Patents in the United States and throughout the world. In the event that Assignee is unable for any reason to secure any of the Assignors' signatures to any document that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing each of the Invention Patents in the United States and throughout the world, or for perfecting, recording, or maintaining the title of Assignee, and Assignee's successors and assigns, in and to each of the Invention Patents in the United States and throughout the world, each such Assignor

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hereby irrevocably designates and appoints Assignee and Assignee's duly authorized officers and agents as such Assignor's agents and attorneys-in-fact to act for and on such Assignor's behalf and instead of such Assignor to execute such document, all with the same legal force and effect as if executed by such Assignor.

- 3. Each of the Assignors represents and warrants that such Assignor has not granted and will not grant to others either (1) any rights, title or interest in and to any of the Invention Patents, or (2) any rights inconsistent with the rights granted herein.
- 4. Each of the Assignors authorizes and requests the Assistant Commissioner for Patents of the United States and the various counterparts thereof throughout the world to issue and/or grant any Letters Patent granted for each of the Invention Patents to Assignee, its successors and assigns, as the assignee of the entire interest in such Invention Patents.
- 5. This Assignment constitutes the entire agreement with respect to its subject matter and supersedes all prior or contemporaneous oral or written agreements concerning such subject matter. No waiver, amendment, or modification of this Assignment shall be effective against the Assignee, unless in writing executed by a duly authorized representative of the Assignee. A breach of any of the promises or agreements contained herein will result in irreparable and continuing damage to Assignee for which there will be no adequate remedy at law, and Assignee shall be entitled to injunctive relief and/or a decree of specific performance, and such other relief as may be proper.

1.		Assignor:	Ja
_	2/19/07		(

Signature: (

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2.	Assignor: Stephen B. Baylin
Date: 7/18/02	Signature: Des 3
3.	Assignor: Manel Esteller
Date:	Signature:

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2. Assignor: Stephen B. Baylin

Date: _____ Signature: ____

3. Assignor: Manel Esteller

Date: 8-18-2002 Signature: MANEL ESTELLER

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RECORDED: 09/10/2002

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