

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Venu Raman	04/12/2013
Guus Martinus Bol	04/12/2013
Paul Joannes van Diest	04/27/2013
RECEIVING PARTY DATA	
Name:	The Johns Hopkins University
Street Address:	3400 North Charles Street
City:	Baltimore
State/Country:	MARYLAND
Postal Code:	21218
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13840549
CORRESPONDENCE DATA	
Fax Number:	2023448300
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	202-344-4000
Email:	jchall@venable.com
Correspondent Name:	Venable LLP
Address Line 1:	575 7th Street, NW
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20004
ATTORNEY DOCKET NUMBER:	02240-345691
NAME OF SUBMITTER:	Keith G. Haddaway
Signature:	/Keith G. Haddaway/
Date:	05/03/2013

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PATENT
 REEL: 030341 FRAME: 0913

Total Attachments: 5

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PATENT

REEL: 030341 FRAME: 0914

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Venu Raman; Guus Martinus Bol; and Paul Joannes van Diest (hereinafter referred to as Assignors), residing at 720 Rutland Avenue, 340 Traylor Building, Baltimore, Maryland 21205; 8 Charles Plaza, Apartment 213, Baltimore, Maryland 21201; and Albert Cuyplaan 45, 3723 GK Bilthoven, The Netherlands, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in DDX3 AS A BIOMARKER FOR CANCER AND METHODS RELATED THERETO, set forth in a Patent application for Letters Patent of the United States, already filed on March 15, 2013 as U.S. Application No. 13/840,549; and

WHEREAS, The Johns Hopkins University, organized under and pursuant to the laws of Maryland having its principal place of business at 3400 North Charles St., Baltimore, Maryland 21218 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

VENABLE LLP

All practitioners at Customer Number 101887

AND Assignors acknowledge an obligation of assignment of this invention to
Assignee at the time the invention was made.

ASSIGNOR: Venu Raman

Signature: R. Raman

April 12, 2013

WITNESS:

Signature: Ashley L. Irving
Name: Ashley Irving
Address: 217 C Traylor

ASSIGNOR: Guus Martinus Bol

Signature: Guus Martinus Bol

April 12, 2013

WITNESS:

Signature: Ashley L. Irving
Name: Ashley Irving
Address: 217 C Traylor

ASSIGNOR: Paul Joannes van Diest

Signature: _____

WITNESS:

Signature: _____
Name: _____
Address: _____

ASSIGNOR: Venu Raman

Signature: _____

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR: Guus Martinus Bol

Signature: _____

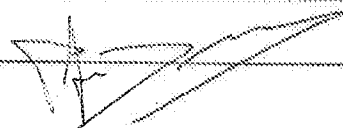
WITNESS:

Signature: _____

Name: _____

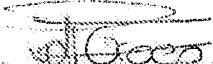
Address: _____

ASSIGNOR: Paul Joannes van Diest

Signature:  _____

April 27, 2013

WITNESS:

Signature:  _____

Name: P. van der Groep

Address: A. Cuyperlaan 45

Bilthoven