

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																										
NATURE OF CONVEYANCE:	ASSIGNMENT																										
CONVEYING PARTY DATA																											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Margaret F. Lospinuso</td> <td>02/15/2013</td> </tr> <tr> <td>David M. Patrone</td> <td>02/20/2013</td> </tr> <tr> <td>David P. Silberberg</td> <td>02/15/2013</td> </tr> <tr> <td>Jonathan D. Cohen</td> <td>02/18/2013</td> </tr> <tr> <td>Ryan W. Gardner</td> <td>02/21/2013</td> </tr> <tr> <td>Laura J. Glendenning</td> <td>02/14/2013</td> </tr> <tr> <td>Sakunthala Harshavardhana</td> <td>02/21/2013</td> </tr> <tr> <td>Robert T. Hider</td> <td>02/14/2013</td> </tr> <tr> <td>C. Durward McDonell III</td> <td>02/18/2013</td> </tr> <tr> <td>Dennis S. Patrone</td> <td>02/18/2013</td> </tr> <tr> <td>Nathan S. Reller</td> <td>02/18/2013</td> </tr> <tr> <td>Benjamin R. Salazar</td> <td>02/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Margaret F. Lospinuso	02/15/2013	David M. Patrone	02/20/2013	David P. Silberberg	02/15/2013	Jonathan D. Cohen	02/18/2013	Ryan W. Gardner	02/21/2013	Laura J. Glendenning	02/14/2013	Sakunthala Harshavardhana	02/21/2013	Robert T. Hider	02/14/2013	C. Durward McDonell III	02/18/2013	Dennis S. Patrone	02/18/2013	Nathan S. Reller	02/18/2013	Benjamin R. Salazar	02/14/2013
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<table border="1"> <tr> <td>Name:</td> <td>The Johns Hopkins University</td> </tr> <tr> <td>Street Address:</td> <td>34th and Charles Street</td> </tr> <tr> <td>City:</td> <td>Baltimore</td> </tr> <tr> <td>State/Country:</td> <td>MARYLAND</td> </tr> <tr> <td>Postal Code:</td> <td>21218</td> </tr> </table>		Name:	The Johns Hopkins University	Street Address:	34th and Charles Street	City:	Baltimore	State/Country:	MARYLAND	Postal Code:	21218																
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PROPERTY NUMBERS Total: 1																											
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CORRESPONDENCE DATA																											
Fax Number:	2402285254																										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																											
Phone:	240-228-5644																										
Email:	Eileen.Sorensen@jhuapl.edu																										

CH \$40.00 13784245

Correspondent Name: Aisha Ahmad
Address Line 1: 11100 Johns Hopkins Raod
Address Line 2: M/S 7-127
Address Line 4: Laurel, MARYLAND 20723-6099

ATTORNEY DOCKET NUMBER: 3366-SPL

NAME OF SUBMITTER: Aisha Ahmad

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 12

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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	Apparatus and Method for Identifying Related Code Variants in Binaries
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration <input checked="checked" type="checkbox"/> The attached application, or is directed to: <input type="checkbox"/> United States application or PCT international application number _____ filed on _____.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p> <p>WHEREAS, The Johns Hopkins University, a corporation organized and existing under the laws of the State of Maryland and having its principal place of business at Baltimore, Maryland, hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest in and to said invention and to any Letters Patent that may be generated therefore in the United States and its territories and in any and all foreign countries.</p> <p>NOW, THEREFORE, in consideration of my employment by ASSIGNEE, I do hereby sell, assign and transfer to the ASSIGNEE the entire right, title and interest in and to said invention in the United States and its territories and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted for said invention in the United States and its territories and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.</p> <p>I hereby authorize and request the Patent Office Officials in the United States and its territories and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted.</p> <p>I hereby further agree to make, execute and deliver to the ASSIGNEE, its successors, assigns and legal representatives, upon request but at the expense of the ASSIGNEE, any and all papers, documents, affidavits, statements or other instruments that may be necessary in the prosecution of the aforesaid application, and of any United States or foreign applications, and of any divisions, reissues, continuations, substitutions and renewals of said application, or applications for reissues of said Letters Patents, and to aid the ASSIGNEE, its successors, assigns and legal representatives in every way in protecting said invention as may be requested, provided, however that I shall not have to pay any expenses arising from extending such assistance.</p> <p>LEGAL NAME OF INVENTOR</p> <p>Inventor: Margaret F. Lospinuso</p> <p>Signature: <u>Margaret F. Lospinuso</u> Date: <u>15 Feb. 2013</u></p>	

JHU/APL Docket No.: 3366-SPL

PATENT
REEL: 029917 FRAME: 0367

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LEGAL NAME OF INVENTOR

Inventor: David M. Patrone

Signature: 

Date: 2/20/13

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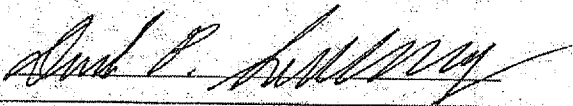
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LEGAL NAME OF INVENTOR

Inventor: David P. Silberberg

Signature:  Date: 2/15/13

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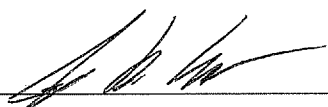
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LEGAL NAME OF INVENTOR	
Inventor:	Jonathan D. Cohen
Signature:	
	Date: 18 Feb 2013

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LEGAL NAME OF INVENTOR

Inventor: Ryan W. Gardner

Signature: Ryan W Gardner

Date: 2/21/13

JHU/APL Docket No.: 3366-SPL

PATENT
REEL: 029917 FRAME: 0371

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<p>LEGAL NAME OF INVENTOR</p> <p>Inventor: <u>Laura J. Glendenning</u></p> <p>Signature: <u><i>Laura J. Glendenning</i></u> Date: <u>2/14/13</u></p>	

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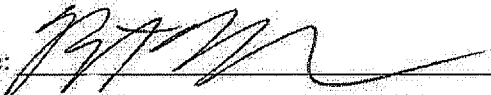
LEGAL NAME OF INVENTOR

Inventor: Sakunthala Harshavardhana

Signature: H. Sakunthala Date: 2/21/13

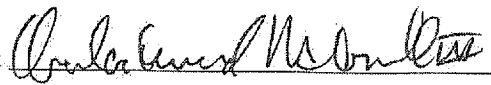
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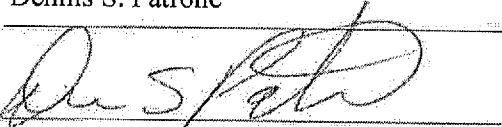
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<p>As the below named inventor, I hereby declare that:</p> <p>This declaration <input checked="" type="checkbox"/> The attached application, or is directed to: <input type="checkbox"/> United States application or PCT international application number _____ filed on _____.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p> <p>WHEREAS, The Johns Hopkins University, a corporation organized and existing under the laws of the State of Maryland and having its principal place of business at Baltimore, Maryland, hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest in and to said invention and to any Letters Patent that may be generated therefore in the United States and its territories and in any and all foreign countries.</p> <p>NOW, THEREFORE, in consideration of my employment by ASSIGNEE, I do hereby sell, assign and transfer to the ASSIGNEE the entire right, title and interest in and to said invention in the United States and its territories and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted for said invention in the United States and its territories and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.</p> <p>I hereby authorize and request the Patent Office Officials in the United States and its territories and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted.</p> <p>I hereby further agree to make, execute and deliver to the ASSIGNEE, its successors, assigns and legal representatives, upon request but at the expense of the ASSIGNEE, any and all papers, documents, affidavits, statements or other instruments that may be necessary in the prosecution of the aforesaid application, and of any United States or foreign applications, and of any divisions, reissues, continuations, substitutions and renewals of said application, or applications for reissues of said Letters Patents, and to aid the ASSIGNEE, its successors, assigns and legal representatives in every way in protecting said invention as may be requested, provided, however that I shall not have to pay any expenses arising from extending such assistance.</p>	
<p>LEGAL NAME OF INVENTOR</p> <p>Inventor: <u>C. Durward McDonell, III</u></p> <p>Signature: <u></u> Date: <u>2/18/13</u></p>	

JHU/APL Docket No.: 3366-SPL

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
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<p>LEGAL NAME OF INVENTOR</p> <p>Inventor: Dennis S. Patrone</p> <p>Signature:  _____</p> <p>Date: <u>2/18/2013</u></p>	

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<p>LEGAL NAME OF INVENTOR</p> <p>Inventor: <u>Nathan S. Reller</u></p> <p>Signature: <u><i>Nathan Reller</i></u> Date: <u>2/18/2013</u></p>	

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PATENT
REEL: 029917 FRAME: 0377

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LEGAL NAME OF INVENTOR

Inventor: Benjamin R. Salazar

Signature:  Date: 2/14/13

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