

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Marsha C. Lovett</td> <td>10/11/2012</td> </tr> <tr> <td>Christopher R. Genovese</td> <td>10/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	Marsha C. Lovett	10/11/2012	Christopher R. Genovese	10/11/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Carnegie Mellon University</td> </tr> <tr> <td>Street Address:</td> <td>5000 Forbes Avenue</td> </tr> <tr> <td>City:</td> <td>PITTSBURGH</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>15213</td> </tr> </table>		Name:	Carnegie Mellon University	Street Address:	5000 Forbes Avenue	City:	PITTSBURGH	State/Country:	PENNSYLVANIA	Postal Code:	15213
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US2012050923</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2012050923						
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PCT Number:	US2012050923										
CORRESPONDENCE DATA											
<p>Fax Number: 4123556501 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 412-355-8994 Email: PIUSPATENTS@KLGATES.COM Correspondent Name: K&L Gates LLP - Michael D. Lazzara Address Line 1: 210 SIXTH AVENUE Address Line 2: K&L Gates Center Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613</p>											
ATTORNEY DOCKET NUMBER:	110338PCT										
NAME OF SUBMITTER:	Michael D. Lazzara										
<p>Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif</p>											

CH \$40.00 US2012050923

Attorney's Docket No. 110238PCT

PATENT

For: U.S. and/or Foreign Rights
For: U.S. Application or
 U.S. Provisional Application
For: U.S. Patent
For: PCT Application
By: Multiple Inventors

Serial No. PCT/US2012/050923

Filing Date: August 16, 2012

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

<u>Marsha C. Lovett</u> (type or print name of inventor)	<u>6632 Datzell Place</u> <u>Pittsburgh, PA 15217</u> Address	<u>USA</u> Nationality
<u>Christopher R. Genovese</u>	<u>6632 Datzell Place</u> <u>Pittsburgh, PA 15217</u>	<u>USA</u>

hereby sells, assigns and transfers to

ASSIGNEE:

<u>Carnegie Mellon University</u> (type or print name of ASSIGNEE)	<u>5000 Forbes Avenue</u> Address
<u>(a non-profit Pennsylvania organization)</u>	<u>Pittsburgh, PA 15213</u>

and the successors, assigns and legal representatives of the ASSIGNEE

the entire right, title and interest
 an undivided _____ percent (_____ %) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority both in the United States and in all foreign countries, in and to any and all improvements which are disclosed in the invention entitled:

ANALYTICAL TOOLS FOR EVALUATING STUDENT LEARNING AND PERFORMANCE

and which is found in:

- (a) U.S. patent application executed on even date herewith;
- (b) U.S. application no.: 61/523,592 filed on August 15, 2011

(Assignment of Invention--Multiple Inventors [16-3.2]-page 1)

(c) International application no. PCT/US2012/060923 filed on August 16, 2012.

and any legal equivalent thereof in a foreign country, including the right to claim priority both in the United States and in all foreign countries and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, non-provisional, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this October 11, 2012
Date of signing

Marsha D. Lovett
(type name of inventor)

X Marsha C Lovett X 10/11/12
Signature of INVENTOR Date

Christopher R. Genovese
(type name of inventor)

X Christopher A Genovese X 10/11/12
Signature of INVENTOR Date