

## 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>Klaus Zechner</td> <td>12/27/2012</td> </tr> <tr> <td>Keelan Evanini</td> <td>12/27/2012</td> </tr> <tr> <td>Lei Chen</td> <td>12/28/2012</td> </tr> <tr> <td>Shasha Xie</td> <td>01/28/2013</td> </tr> <tr> <td>Wenting Xiong</td> <td>01/13/2013</td> </tr> <tr> <td>Fei Huang</td> <td>01/15/2013</td> </tr> <tr> <td>Jana Sukkarieh</td> <td>03/18/2013</td> </tr> <tr> <td>Miao Chen</td> <td>12/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Klaus Zechner	12/27/2012	Keelan Evanini	12/27/2012	Lei Chen	12/28/2012	Shasha Xie	01/28/2013	Wenting Xiong	01/13/2013	Fei Huang	01/15/2013	Jana Sukkarieh	03/18/2013	Miao Chen	12/31/2012
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CORRESPONDENCE DATA																			
Fax Number:	2127557306																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
Phone:	2123263939																		
Email:	erosenfelder@jonesday.com																		
Correspondent Name:	Matthew W. Johnson																		
Address Line 1:	222 East 41st Street																		
Address Line 4:	New York, NEW YORK 10017-6702																		
ATTORNEY DOCKET NUMBER:	011948-0511-999																		

CH \$40.00 13688306

PATENT

NAME OF SUBMITTER:	Matthew W. Johnson
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p><b>Total Attachments: 16</b></p> <p>source=11948-511-999_Assignment#page1.tif source=11948-511-999_Assignment#page2.tif source=11948-511-999_Assignment#page3.tif source=11948-511-999_Assignment#page4.tif source=11948-511-999_Assignment#page5.tif source=11948-511-999_Assignment#page6.tif source=11948-511-999_Assignment#page7.tif source=11948-511-999_Assignment#page8.tif source=11948-511-999_Assignment#page9.tif source=11948-511-999_Assignment#page10.tif source=11948-511-999_Assignment#page11.tif source=11948-511-999_Assignment#page12.tif source=11948-511-999_Assignment#page13.tif source=11948-511-999_Assignment#page14.tif source=11948-511-999_Assignment#page15.tif source=11948-511-999_Assignment#page16.tif</p>	

JOINT

DECLARATION AND ASSIGNMENT

WHEREAS, WE, KLAUS ZECHNER, citizen of AUSTRIA, having a mailing address of 10 Pelham Street, Princeton, NJ, 08540, US residing at Princeton, NJ, US and KEELAN EVANINI, citizen of US, having a mailing address of 47 S. Main Street, Pennington, NJ, 08534, US residing at Pennington, NJ, US and LEI CHEN, citizen of CHINA, having a mailing address of 5 Voorhees Court, Pennington, NJ, 08534, US residing at Pennington, NJ, US and SHASHA XIE, citizen of CHINA, having a mailing address of 107 S. Mary Avenue, Sunnyvale, CA, 94086, US residing at Sunnyvale, CA, US and WENTING XIONG, citizen of CHINA, having a mailing address of 5841 Walnut Street, Apt. 34, Pittsburgh, PA, 15232, US residing at Pittsburgh, PA, US and FEI HUANG, citizen of CHINA, having a mailing address of 1316 Glenview Street, Philadelphia, PA, 19111, US residing at Philadelphia, PA, US and JANA SUKKARIEH, citizen of UK and LEBANON, having a mailing address of 44K Nassau Street, Princeton, NJ, 08542, US residing at Princeton, NJ, US and MIAO CHEN, citizen of CHINA, having a mailing address of 706 S. Park Ridge Road, Bloomington, IN, 47401, US residing at Bloomington, IN, US, ASSIGNORS, are inventors of the invention in COMPUTER-IMPLEMENTED SYSTEMS AND METHODS FOR CONTENT SCORING OF SPOKEN RESPONSES, for which an application for a patent of the United States has been filed,

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We hereby authorize and request attorney(s) at Jones Day, to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

As above-named inventors, each of us hereby declares that:

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OR

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The above-identified application was made or authorized to be made by me.

I believe I am an original joint inventor of a claimed invention in the application.

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and WHEREAS, EDUCATIONAL TESTING SERVICE, a corporation organized and existing under the laws of the state of NEW JERSEY, and having an office for the transaction of business at Rosedale Road, Princeton, NJ 08541, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

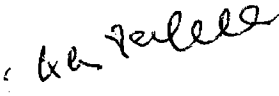
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date	<u>December 27</u> , 2012		_____	L.S.
		<b>KLAUS ZECHNER</b>		
Date	_____, 2012	_____	_____	L.S.
		<b>KEELAN EVANINI</b>		
Date	_____, 2012	_____	_____	L.S.
		<b>LEI CHEN</b>		
Date	_____, 2012	_____	_____	L.S.
		<b>SHASHA XIE</b>		
Date	_____, 2012	_____	_____	L.S.
		<b>WENTING XIONG</b>		
Date	_____, 2012	_____	_____	L.S.
		<b>FEI HUANG</b>		
Date	_____, 2012	_____	_____	L.S.
		<b>JANA SUKKARIEH</b>		
Date	_____, 2012	_____	_____	L.S.
		<b>MIAO CHEN</b>		

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OR

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

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Date \_\_\_\_\_, 2012 \_\_\_\_\_ L.S.  
KLAUS ZECHNER

Date 12/27, 2012 \_\_\_\_\_ L.S.  
  
KEELAN EVANINI

Date \_\_\_\_\_, 2012 \_\_\_\_\_ L.S.  
LEI CHEN

Date \_\_\_\_\_, 2012 \_\_\_\_\_ L.S.  
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Date \_\_\_\_\_, 2012 \_\_\_\_\_ L.S.  
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MIAO CHEN

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Date \_\_\_\_\_, 2012 \_\_\_\_\_ L.S.  
KLAUS ZECHNER

Date \_\_\_\_\_, 2012 \_\_\_\_\_ L.S.  
KEELAN EVANINI

Date Dec 28, 2012 \_\_\_\_\_ L.S.  
  
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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

U.S. Application No. 13/688,306

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
KLAUS ZECHNER

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
KEELAN EVANINI

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
LEI CHEN

Date 01/28, 2013 \_\_\_\_\_ L.S.  
  
SHASHA XIE

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
WENTING XIONG

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
FEI HUANG

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
JANA SUKKARIEH

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
MIAO CHEN

## DECLARATION AND ASSIGNMENT

WHEREAS, WE, KLAUS ZECHNER, citizen of AUSTRIA, having a mailing address of 10 Pelham Street, Princeton, NJ, 08540, US residing at Princeton, NJ, US and KEELAN EVANINI, citizen of US, having a mailing address of 47 S. Main Street, Pennington, NJ, 08534, US residing at Pennington, NJ, US and LEI CHEN, citizen of CHINA, having a mailing address of 5 Voorhees Court, Pennington, NJ, 08534, US residing at Pennington, NJ, US and SHASHA XIE, citizen of CHINA, having a mailing address of 107 S. Mary Avenue, Sunnyvale, CA, 94086, US residing at Sunnyvale, CA, US and WENTING XIONG, citizen of CHINA, having a mailing address of 5841 Walnut Street, Apt. 34, Pittsburgh, PA, 15232, US residing at Pittsburgh, PA, US and FEI HUANG, citizen of CHINA, having a mailing address of 1316 Glenview Street, Philadelphia, PA, 19111, US residing at Philadelphia, PA, US and JANA SUKKARIEH, citizen of UK and LEBANON, having a mailing address of 44K Nassau Street, Princeton, NJ, 08542, US residing at Princeton, NJ, US and MIAO CHEN, citizen of CHINA, having a mailing address of 706 S. Park Ridge Road, Bloomington, IN, 47401, US residing at Bloomington, IN, US, ASSIGNORS, are inventors of the invention in COMPUTER-IMPLEMENTED SYSTEMS AND METHODS FOR CONTENT SCORING OF SPOKEN RESPONSES, for which an application for a patent of the United States has been filed,

which is identified by Jones Day docket no. 011948-0511-999

which was filed on November 29, 2012, Application No. 13/688,306

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As above-named inventors, each of us hereby declares that:

This declaration is directed to:

The attached application,

OR

United States Application Number or PCT international number 13/688,306 filed on November 29, 2012.

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Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
**KLAUS ZECHNER**

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
**KEELAN EVANINI**

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
**LEI CHEN**

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
**SHASHA XIE**

Date 01/13/2013, 2013 \_\_\_\_\_ L.S.  
  
**WENTING XIONG**

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
**FEI HUANG**

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
**JANA SUKKARIEH**

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
**MIAO CHEN**

JOINT

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This declaration is directed to:

The attached application.

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U.S. Application No. 13/688,306

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Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
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Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
KEELAN EVANINI

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
LEI CHEN

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
SHASHA XIE

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
WENTING XIONG

Date 01/15/2013, 2013 \_\_\_\_\_ L.S.  
FEI HUANG *Fei Huang*

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
JANA SUKKARIEH

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
MIAO CHEN

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The attached application,

OR

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SHASHA XIE

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
WENTING XIONG

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
FEI HUANG

Date March 18, 2013, 2013 \_\_\_\_\_ L.S.  
Jana Sukkarieh  
JANA SUKKARIEH

Date \_\_\_\_\_, 2013 \_\_\_\_\_ L.S.  
MIAO CHEN



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Date \_\_\_\_\_, 2012 \_\_\_\_\_ L.S.  
LEI CHEN

Date \_\_\_\_\_, 2012 \_\_\_\_\_ L.S.  
SHASHA XIE

Date \_\_\_\_\_, 2012 \_\_\_\_\_ L.S.  
WENTING XIONG

Date \_\_\_\_\_, 2012 \_\_\_\_\_ L.S.  
FEI HUANG

Date \_\_\_\_\_, 2012 \_\_\_\_\_ L.S.  
JANA SUKKARIEH

Date 12/31, 2012 \_\_\_\_\_ L.S.  
  
MIAO CHEN