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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6368622

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                       |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                           |
| <b>CONVEYING PARTY DATA</b>   |                                      |
| <b>Name</b>   | <b>Execution Date</b>                |
| BRIAN RIORDAN   | 04/13/2017                           |
| KEVIN SULLIVAN  | 03/16/2017                           |
| MATTHEW ROBERTS   | 05/05/2017                           |
| MICHAEL KNAPP   | 09/14/2020                           |
| <b>RECEIVING PARTY DATA</b>   |                                      |
| <b>Name:</b>  | APTIMA, INC.                         |
| <b>Street Address:</b>  | 12 GILL STREET, SUITE 1400           |
| <b>City:</b>  | WOBURN                               |
| <b>State/Country:</b>   | MASSACHUSETTS                        |
| <b>Postal Code:</b>   | 01801                                |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                      |
| <b>Property Type</b>  | <b>Number</b>                        |
| <b>Application Number:</b>  | 17080375                             |
| <b>CORRESPONDENCE DATA</b>  |                                      |
| <b>Fax Number:</b>  | (781)935-4385                        |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                      |
| <b>Phone:</b>   | 781-935-3966                         |
| <b>Email:</b>   | patent@aptima.com                    |
| <b>Correspondent Name:</b>  | APTIMA, INC.                         |
| <b>Address Line 1:</b>  | 12 GILL STREET, SUITE 1400           |
| <b>Address Line 2:</b>  | ATTN: PATENTS/JAY BROOKS             |
| <b>Address Line 4:</b>  | WOBURN, MASSACHUSETTS 01801          |
| <b>ATTORNEY DOCKET NUMBER:</b>  | APT11505PPPUP1                       |
| <b>NAME OF SUBMITTER:</b>   | JOHN J. BROOKS III                   |
| <b>SIGNATURE:</b>   | /John J. Brooks III, Reg. No. 40533/ |
| <b>DATE SIGNED:</b>   | 10/26/2020                           |
| <b>Total Attachments: 17</b>  |                                      |
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| source=APT11505PPPU_Aptima Pat. Assign._BRiordan_signed#page2.tif   |                                      |

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## PATENT APPLICATION ASSIGNMENT

Whereas I, the undersigned, Brian Riordan, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent with the United States of America and/or the International Bureau of the World Intellectual Property Organization entitled COMMUNICATIONS TRAINING SYSTEM, identified as Attorney Docket No. APTII505PPPU, and which application was filed on February 20<sup>th</sup>, 2017 with a U.S. Patent or PCT Application Ser. No. 15/437399; a draft of an Abstract of the inventions or discoveries is included at Attachment A.

Whereas APTIMA, INC., a MASSACHUSETTS CORPORATION having a place of business at 12 GILL STREET, SUITE 1400, WOBURN, MA 01801, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, and for other good and valuable consideration, I hereby, without reservation:

1. As a named inventor of the above identified application, I hereby declare that: the above-identified application was made or authorized to be made by me; I believe I am the original inventor or an original joint inventor of a claimed invention in the application; I hereby acknowledge that any willful false statement made by this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both; and recognize the Assignee as a real party in interest in the application;

2. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all non-provisional, divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;

3. Appoint Assignee as an attorney-in-fact and Authorize Assignee to execute and file all necessary document, including making substitute statements, for filing and/or prosecuting patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

Init.: 

4. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

5. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

6. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which I have executed this Assignment on the date indicated above my name.

Dated

4/13/2017

Signature

Brian Riordan  
177 Pennington Harbourton Road  
Pennington, NJ 08534  
Residential Address

bwriordan@gmail.com  
Email

Init.:

BR

## ATTACHMENT A

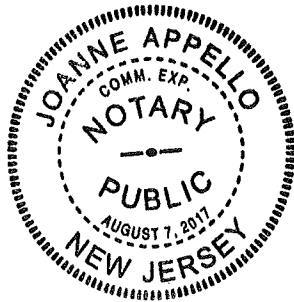
### DRAFT OF ABSTRACT:

A communications training system comprising a user interface, a computer-based simulator and a performance measurement database. The user interface is configured to receive a speech communication input from the user based on a training content/scenario and the computer-based simulator is configured to transform the speech communication to a text data whereby the text data can be aligned to performance measurement database values to determine a performance measure of the speech communication. The format of the text data and the performance measurement database values enable the speech communication to be aligned with predefined performance measurement database values representing expected speech communications for that training content/scenario.

Init.: FR

On this 13th day of April, 2017, before me, the undersigned notary public, personally appeared Brian Riordan, proved to me through satisfactory evidence of identification, which were New Jersey Drivers License, to be the person whose name is signed on the preceding or attached document, in my presence.

Joanne Appello, Notary Public



Init.: BR

PATENT APPLICATION ASSIGNMENT

Whereas I, the undersigned, Kevin Sullivan, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent with the United States of America and/or the International Bureau of the World Intellectual Property Organization entitled COMMUNICATIONS TRAINING SYSTEM, identified as Attorney Docket No. APTTI505PPP.U, and which application was filed on February 20<sup>th</sup>, 2017 with a U.S. Patent or PCT Application Ser. No. 15/437392; a draft of an Abstract of the inventions or discoveries is included at Attachment A.

Whereas APTIMA, INC., a MASSACHUSETTS CORPORATION having a place of business at 12 GILL STREET, SUITE 1400, WOBURN, MA 01801, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, and for other good and valuable consideration, I hereby, without reservation:

1. As a named inventor of the above identified application, I hereby declare that: the above-identified application was made or authorized to be made by me; I believe I am the original inventor or an original joint inventor of a claimed invention in the application; I hereby acknowledge that any willful false statement made by this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both; and recognize the Assignee as a real party in interest in the application;

2. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries; said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all non-provisional, divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications; and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications; and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;

3. Appoint Assignee as an attorney-in-fact and authorize Assignee to execute and file all necessary document, including making substitute statements, for filing and/or prosecuting patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

Inw:  1


4. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

5. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

6. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which I have executed this Assignment on the date indicated above my name.

Dated 3/16/17

  
Signature

Kevin Sullivan  
1 Sorelle Place  
Burlington, MA 01803  
Residential Address  
[ksullivan@aplma.com](mailto:ksullivan@aplma.com)  
Email



ATTACHMENT A

DRAFT OF ABSTRACT:

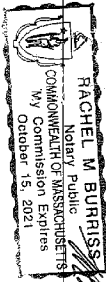
A communications training system comprising a user interface, a computer-based simulator and a performance measurement database. The user interface is configured to receive a speech communication input from the user based on a training content/scenario and the computer-based simulator is configured to transform the speech communication to a text data whereby the text data can be aligned to performance measurement database values to determine a performance measure of the speech communication. The format of the text data and the performance measurement database values enable the speech communication to be aligned with predefined performance measurement database values representing expected speech communications for that training content/scenario.

Int:

3



On this 16 day of MAY, 2017, before me, the undersigned notary public, personally appeared KEVIN SULLIVAN, proved to me through satisfactory evidence of identification, which were MARSHALLS LICENSE, to be the person whose name is signed on the preceding or attached document, in my presence.



Int: \_\_\_\_\_

## PATENT APPLICATION ASSIGNMENT

Whereas I, the undersigned, Matthew Roberts, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent with the United States of America and/or the International Bureau of the World Intellectual Property Organization entitled COMMUNICATIONS TRAINING SYSTEM, identified as Attorney Docket No. APTI1505PPPU, and which application was filed on February 20<sup>th</sup>, 2017 with a U.S. Patent or PCT Application Ser. No. 15/437399; a draft of an Abstract of the inventions or discoveries is included at Attachment A.

Whereas APTIMA, INC., a MASSACHUSETTS CORPORATION having a place of business at 12 GILL STREET, SUITE 1400, WOBURN, MA 01801, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, and for other good and valuable consideration, I hereby, without reservation:

1. As a named inventor of the above identified application, I hereby declare that: the above-identified application was made or authorized to be made by me; I believe I am the original inventor or an original joint inventor of a claimed invention in the application; I hereby acknowledge that any willful false statement made by this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both; and recognize the Assignee as a real party in interest in the application;

2. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all non-provisional, divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;

3. Appoint Assignee as an attorney-in-fact and Authorize Assignee to execute and file all necessary document, including making substitute statements, for filing and/or prosecuting patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

Init.: MR

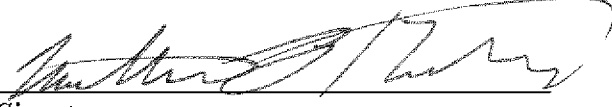
4. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

5. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

6. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which I have executed this Assignment on the date indicated above my name.

Dated 5/5/17

  
Signature

Matthew Roberts  
15 Charlemont Court  
North Chelmsford, MA 01863  
Residential Address

mjroberts.nh@gmail.com  
Email

Init: MIR

## ATTACHMENT A

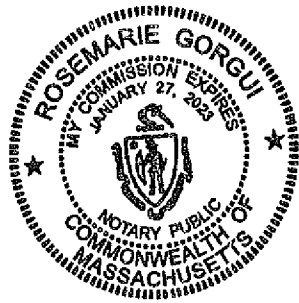
### DRAFT OF ABSTRACT:

A communications training system comprising a user interface, a computer-based simulator and a performance measurement database. The user interface is configured to receive a speech communication input from the user based on a training content/scenario and the computer-based simulator is configured to transform the speech communication to a text data whereby the text data can be aligned to performance measurement database values to determine a performance measure of the speech communication. The format of the text data and the performance measurement database values enable the speech communication to be aligned with predefined performance measurement database values representing expected speech communications for that training content/scenario.

Init: MR

On this 5<sup>th</sup> day of May, 20 17, before me, the undersigned notary public, personally appeared Matthew Roberts, proved to me through satisfactory evidence of identification, which were MASS drivers License, to be the person whose name is signed on the preceding or attached document, in my presence.

*Rose Marie Gorgui*



Init.: MIR

## Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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

|                           |                                |
|---------------------------|--------------------------------|
| <b>Title of Invention</b> | COMMUNICATIONS TRAINING SYSTEM |
|---------------------------|--------------------------------|

As the below named inventor, I hereby declare that:

This declaration is directed to:  The attached application, or  
 United States application or PCT international application number 15/437399  
filed on February 20th, 2017.

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

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

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.

**WARNING:**

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Matthew Roberts

Date (Optional): 5/5/17

Signature: 

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



## PATENT APPLICATION ASSIGNMENT

Whereas I, the undersigned, Michael Knapp, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent with the United States of America and/or the International Bureau of the World Intellectual Property Organization entitled COMMUNICATIONS TRAINING SYSTEM, identified as Attorney Docket No. APTIL505PPPU, and which application was filed on February 20<sup>th</sup>, 2017 with a U.S. Patent or PCT Application Ser. No. 15/437399; a draft of an Abstract of the inventions or discoveries is included at Attachment A.

Whereas APTIMA, INC., a MASSACHUSETTS CORPORATION having a place of business at 12 GILL STREET, SUITE 1400, WOBURN, MA 01801, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, and for other good and valuable consideration, I hereby, without reservation:

1. As a named inventor of the above identified application, I hereby declare that: the above-identified application was made or authorized to be made by me; I believe I am the original inventor or an original joint inventor of a claimed invention in the application; I hereby acknowledge that any willful false statement made by this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both; and recognize the Assignee as a real party in interest in the application;
2. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all non-provisional, divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;
3. Appoint Assignee as an attorney-in-fact and Authorize Assignee to execute and file all necessary document, including making substitute statements, for filing and/or prosecuting patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

Init: 

1


4. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

5. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

6. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which I have executed this Assignment on the date indicated above my name.

Dated 9/14/70

  
Signature

Michael Knapp  
4208 Bell Tower Ct.  
Orlando, FL 32812  
Residential Address

mknapp@aptima.com  
Email

Init.: AK

ATTACHMENT A

DRAFT OF ABSTRACT:

A communications training system comprising a user interface, a computer-based simulator and a performance measurement database. The user interface is configured to receive a speech communication input from the user based on a training content/scenario and the computer-based simulator is configured to transform the speech communication to a text data whereby the text data can be aligned to performance measurement database values to determine a performance measure of the speech communication. The format of the text data and the performance measurement database values enable the speech communication to be aligned with predefined performance measurement database values representing expected speech communications for that training content/scenario.

init: *ML*