

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5788065

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

  
**CONVEYING PARTY DATA**

Name	Execution Date
BENJAMIN CHAK LUM LOK	06/23/2011
DAVID SCOTT LIND	06/27/2011
JUAN CARLOS CENDAN	08/24/2011
ANDREW BRIAN RAIJ	09/02/2011
BRENT H. ROSSEN	08/12/2011
AARON ANDREW KOTRANZA	06/22/2011
KYLE JOHN JOHNSEN	07/25/2011

  
**RECEIVING PARTY DATA**

<b>Name:</b>	UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC.
<b>Street Address:</b>	223 GRINTER HALL
<b>Internal Address:</b>	P.O. BOX 115500
<b>City:</b>	GAINESVILLE
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	32611-5500
<b>Name:</b>	GEORGIA HEALTH SCIENCES UNIVERSITY
<b>Street Address:</b>	1120 15TH STREET
<b>Internal Address:</b>	BB4514
<b>City:</b>	AUGUSTA
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30912

  
**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	15967205

  
**CORRESPONDENCE DATA**

**Fax Number:** (617)646-8646

*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.*

**Phone:** 617-646-8000

**Email:** patents\_EdW@wolfgreenfield.com

**Correspondent Name:** EDMUND J. WALSH  
**Address Line 1:** WOLF, GREENFIELD & SACKS, P.C.  
**Address Line 2:** 600 ATLANTIC AVENUE  
**Address Line 4:** BOSTON, MASSACHUSETTS 02210

**ATTORNEY DOCKET NUMBER:** U1198.70096US02

**NAME OF SUBMITTER:** JENICA L. ROBERTS

**SIGNATURE:** /Jenica L. Roberts/

**DATE SIGNED:** 10/25/2019

**Total Attachments: 63**

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## ASSIGNMENT

WHEREAS We, BENJAMIN CHAK LUM LOK, of GAINESVILLE, FL 32605; DAVID SCOTT LIND, of MARTINEZ, GA 30907; JUAN CARLOS CENDAN, of GAINESVILLE, FL 32607; ANDREW BRIAN RAIJ, of TAMPA, FL 33647; BRENT H. ROSSEN, of GAINESVILLE, FL 32608; AARON ANDREW KOTRANZA, of GAINESVILLE, FL 32608; and KYLE JOHN JOHNSEN of ATHENS, GA 30606; (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

### COMMUNICATION AND SKILLS TRAINING USING INTERACTIVE VIRTUAL HUMANS

for which we have filed on February 11, 2010, International Application Serial No. PCT/US2010/023877, which claims priority to U.S. Provisional Patent Application Serial No. 61/152,300 filed on February 11, 2009.

AND WHEREAS, **University of Florida Research Foundation, Inc.**, having a business address at 223 Grinter Hall, P.O. Box 115500, Gainesville, FL 32611-5500; and **Georgia Health Sciences University**, having a business address at 1120 15<sup>th</sup> Street, BB4514, Augusta, GA 30912; are desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and any Letters Patent to be obtained therefor (collectively referred to as ASSIGNEE);

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue any Letters Patent, and any and all Letters Patent that may be issued upon any and all utility applications, revivals, refilings, continuations, RCE's, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all

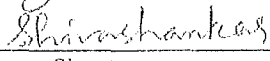
papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

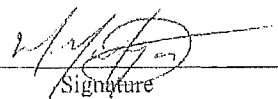
INVENTOR 1

Signature:   
BENJAMIN CHAK LUM LOK

Date: 6/23/11

Witnessed by:   
 Signature  
SHIVASHANKAR HALAN  
 Printed Name of Witness

Date: 6/23/11

Witnessed by:   
 Signature  
Michael Montague  
 Printed Name of Witness

Date: 6/23/11

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
 BENJAMIN CHAK LUM LOK

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named BENJAMIN CHAK LUM LOK, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
 (Notary Public)

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We are enclosing an UPDATED Declaration and Assignment for execution because of an address change for one of the inventors. Please sign and date the UPDATED papers and return them to us as soon as possible.

6/30/2011

**PATENT**  
**REEL: 050830 FRAME: 0146**

INVENTOR 2

Signature: \_\_\_\_\_  
**DAVID SCOTT LIND**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**  
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\_\_\_\_\_  
**DAVID SCOTT LIND**

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **DAVID SCOTT LIND**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

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INVENTOR 3

Signature: \_\_\_\_\_  
JUAN CARLOS CENDAN

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
JUAN CARLOS CENDAN

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named JUAN CARLOS CENDAN, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

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(Notary Public)

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5

PATENT  
REEL: 050830 FRAME: 0148



INVENTOR 4

Signature: \_\_\_\_\_  
**ANDREW BRIAN RAIJ**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
**ANDRES BRIAN RAIJ**

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **ANDREW BRIAN RAIJ**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

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INVENTOR 5

Signature: \_\_\_\_\_  
**BRENT H. ROSSEN**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
**BRENT H. ROSSEN**

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **BRENT H. ROSSEN**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

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INVENTOR 6

Signature: \_\_\_\_\_  
AARON ANDREW KOTRANZA

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

\_\_\_\_\_  
AARON ANDREW KOTRANZA

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named  
AARON ANDREW KOTRANZA, to me personally known as the individual who executed the  
foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free  
will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

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INVENTOR 7

Signature: \_\_\_\_\_  
KYLE JOHN JOHNSEN

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
KYLE JOHN JOHNSEN

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named  
KYLE JOHN JOHNSEN, to me personally known as the individual who executed the foregoing  
assignment, who acknowledged to me that he/she executed the same of his/her own free will for  
the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

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## ASSIGNMENT

WHEREAS We, **BENJAMIN CHAK LUM LOK**, of **GAINESVILLE, FL 32605**; **DAVID SCOTT LIND**, of **MARTINEZ, GA 30907**; **JUAN CARLOS CENDAN**, of **GAINESVILLE, FL 32607**; **ANDREW BRIAN RAIJ**, of **TAMPA, FL 33647**; **BRENT H. ROSSEN**, of **GAINESVILLE, FL 32608**; **AARON ANDREW KOTRANZA**, of **GAINESVILLE, FL 32608**; and **KYLE JOHN JOHNSEN** of **ATHENS, GA 30606**; (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

### **COMMUNICATION AND SKILLS TRAINING USING INTERACTIVE VIRTUAL HUMANS**

for which we have filed on February 11, 2010, International Application Serial No. PCT/US2010/023877, which claims priority to U.S. Provisional Patent Application Serial No. 61/152,300 filed on February 11, 2009.

AND WHEREAS, **University of Florida Research Foundation, Inc.**, having a business address at 223 Grinter Hall, P.O. Box 115500, Gainesville, FL 32611-5500; and **Georgia Health Sciences University**, having a business address at 1120 15<sup>th</sup> Street, BB4514, Augusta, GA 30912; are desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and any Letters Patent to be obtained therefor (collectively referred to as ASSIGNEE);

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue any Letters Patent, and any and all Letters Patent that may be issued upon any and all utility applications, revivals, refilings, continuations, RCE's, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all

papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

INVENTOR 1

Signature: \_\_\_\_\_  
**BENJAMIN CHAK LUM LOK**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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**BENJAMIN CHAK LUM LOK**

Date: \_\_\_\_\_

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COUNTY OF

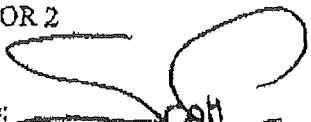
This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **BENJAMIN CHAK LUM LOK**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

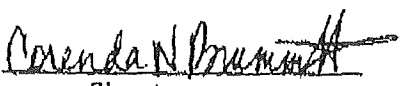
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(Notary Public)

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INVENTOR 2

Signature: 

DAVID SCOTT LIND

Date: 6/27/11Witnessed by: 

Signature

Date: 6/27/11Corinda N. Brummett

Printed Name of Witness

Witnessed by: \_\_\_\_\_

Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
DAVID SCOTT LIND

Date: \_\_\_\_\_

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(Notary Public)UFL0013PCT  
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INVENTOR 3

Signature: \_\_\_\_\_  
JUAN CARLOS CENDAN

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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JUAN CARLOS CENDAN

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

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\_\_\_\_\_  
(Notary Public)

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INVENTOR 4

Signature: \_\_\_\_\_  
ANDREW BRIAN RAIJ

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
ANDRES BRIAN RAIJ

Date: \_\_\_\_\_

STATE OF

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Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 5

Signature: \_\_\_\_\_  
**BRENT H. ROSSEN**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
**BRENT H. ROSSEN**

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **BRENT H. ROSSEN**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

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**PATENT**  
**REEL: 050830 FRAME: 0159**

INVENTOR 6

Signature: \_\_\_\_\_  
AARON ANDREW KOTRANZA

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

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\_\_\_\_\_  
AARON ANDREW KOTRANZA

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named  
AARON ANDREW KOTRANZA, to me personally known as the individual who executed the  
foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free  
will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 7

Signature: \_\_\_\_\_  
**KYLE JOHN JOHNSEN**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

\_\_\_\_\_  
**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**  
\_\_\_\_\_

\_\_\_\_\_  
**KYLE JOHN JOHNSEN**

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named  
**KYLE JOHN JOHNSEN**, to me personally known as the individual who executed the foregoing  
assignment, who acknowledged to me that he/she executed the same of his/her own free will for  
the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

## ASSIGNMENT

WHEREAS We, BENJAMIN CHAK LUM LOK, of GAINESVILLE, FL 32605; DAVID SCOTT LIND, of MARTINEZ, GA 30907; JUAN CARLOS CENDAN, of GAINESVILLE, FL 32607; ANDREW BRIAN RAIJ, of TAMPA, FL 33647; BRENT H. ROSSEN, of GAINESVILLE, FL 32608; AARON ANDREW KOTRANZA, of GAINESVILLE, FL 32608; and KYLE JOHN JOHNSEN of ATHENS, GA 30606; (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

### **COMMUNICATION AND SKILLS TRAINING USING INTERACTIVE VIRTUAL HUMANS**

for which we have filed on February 11, 2010, International Application Serial No. PCT/US2010/023877, which claims priority to U.S. Provisional Patent Application Serial No. 61/152,300 filed on February 11, 2009.

AND WHEREAS, **University of Florida Research Foundation, Inc.**, having a business address at 223 Grinter Hall, P.O. Box 115500, Gainesville, FL 32611-5500; and **Georgia Health Sciences University**, having a business address at 1120 15<sup>th</sup> Street, BB4514, Augusta, GA 30912; are desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and any Letters Patent to be obtained therefor (collectively referred to as ASSIGNEE);

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue any Letters Patent, and any and all Letters Patent that may be issued upon any and all utility applications, revivals, refilings, continuations, RCE's, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all

papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

INVENTOR 1

Signature: BENJAMIN CHAK LUM LOK

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
**BENJAMIN CHAK LUM LOK**

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **BENJAMIN CHAK LUM LOK**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973



INVENTOR 2

Signature: \_\_\_\_\_  
**DAVID SCOTT LIND**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
**DAVID SCOTT LIND**

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **DAVID SCOTT LIND**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

**UFL0013PCT  
12973**

INVENTOR 3

Signature: J. Cendan  
JUAN CARLOS CENDAN

Date: 8/24/2011

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

\_\_\_\_\_  
JUAN CARLOS CENDAN

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named JUAN CARLOS CENDAN, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

5

PATENT  
REEL: 050830 FRAME: 0166

INVENTOR 4

Signature: \_\_\_\_\_  
                  **ANDREW BRIAN RAIJ**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
  Signature  
\_\_\_\_\_  
  Printed Name of Witness

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
  Signature  
\_\_\_\_\_  
  Printed Name of Witness

Date: \_\_\_\_\_

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\_\_\_\_\_  
**ANDRES BRIAN RAIJ**

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **ANDREW BRIAN RAIJ**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

**UFL0013PCT  
12973**

INVENTOR 5

Signature: \_\_\_\_\_  
**BRENT H. ROSSEN**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
**BRENT H. ROSSEN**

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **BRENT H. ROSSEN**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 6

Signature: \_\_\_\_\_  
AARON ANDREW KOTRANZA

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
AARON ANDREW KOTRANZA

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named AARON ANDREW KOTRANZA, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 7

Signature: \_\_\_\_\_  
KYLE JOHN JOHNSEN

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
KYLE JOHN JOHNSEN

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **KYLE JOHN JOHNSEN**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

## ASSIGNMENT

WHEREAS We, **BENJAMIN CHAK LUM LOK**, of **GAINESVILLE, FL 32605**; **DAVID SCOTT LIND**, of **MARTINEZ, GA 30907**; **JUAN CARLOS CENDAN**, of **GAINESVILLE, FL 32607**; **ANDREW BRIAN RAIJ**, of **TAMPA, FL 33647**; **BRENT H. ROSSEN**, of **GAINESVILLE, FL 32608**; **AARON ANDREW KOTRANZA**, of **GAINESVILLE, FL 32608**; and **KYLE JOHN JOHNSEN** of **ATHENS, GA 30606**; (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

### **COMMUNICATION AND SKILLS TRAINING USING INTERACTIVE VIRTUAL HUMANS**

for which we have filed on February 11, 2010, International Application Serial No. PCT/US2010/023877, which claims priority to U.S. Provisional Patent Application Serial No. 61/152,300 filed on February 11, 2009.

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NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue any Letters Patent, and any and all Letters Patent that may be issued upon any and all utility applications, revivals, refilings, continuations, RCE's, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all

papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.



INVENTOR 1

Signature: \_\_\_\_\_  
**BENJAMIN CHAK LUM LOK**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

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\_\_\_\_\_  
**BENJAMIN CHAK LUM LOK**

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **BENJAMIN CHAK LUM LOK**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 2

Signature: \_\_\_\_\_  
**DAVID SCOTT LIND**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

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\_\_\_\_\_  
**DAVID SCOTT LIND**

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **DAVID SCOTT LIND**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 3

Signature: \_\_\_\_\_  
JUAN CARLOS CENDAN

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature  
\_\_\_\_\_  
Printed Name of Witness

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature  
\_\_\_\_\_  
Printed Name of Witness

Date: \_\_\_\_\_

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SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

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\_\_\_\_\_  
JUAN CARLOS CENDAN

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named JUAN CARLOS CENDAN, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 4

Signature: \_\_\_\_\_  
ANDREW BRIAN RAIJ

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature  
\_\_\_\_\_  
Printed Name of Witness

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature  
\_\_\_\_\_  
Printed Name of Witness

Date: \_\_\_\_\_

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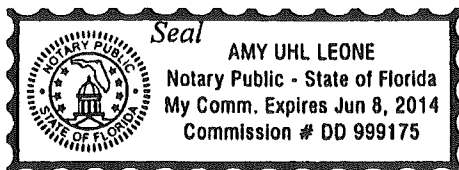
                      
ANDREW BRIAN RAIJ

Date: 9/2/11

STATE OF Florida  
COUNTY OF Pasco

ss.

This 2nd day of September, 2011 before me personally came the above-named ANDREW BRIAN RAIJ, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.



                      
Amy Uhl Leone  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 5

Signature: \_\_\_\_\_  
**BRENT H. ROSSEN**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
**BRENT H. ROSSEN**

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **BRENT H. ROSSEN**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 6

Signature: \_\_\_\_\_  
AARON ANDREW KOTRANZA

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
AARON ANDREW KOTRANZA

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named AARON ANDREW KOTRANZA, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 7

Signature: \_\_\_\_\_  
KYLE JOHN JOHNSEN

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
KYLE JOHN JOHNSEN

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named  
**KYLE JOHN JOHNSEN**, to me personally known as the individual who executed the foregoing  
assignment, who acknowledged to me that he/she executed the same of his/her own free will for  
the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

## ASSIGNMENT

WHEREAS We, **BENJAMIN CHAK LUM LOK**, of **GAINESVILLE, FL 32605**; **DAVID SCOTT LIND**, of **MARTINEZ, GA 30907**; **JUAN CARLOS CENDAN**, of **GAINESVILLE, FL 32607**; **ANDREW BRIAN RAIJ**, of **TAMPA, FL 33647**; **BRENT H. ROSSEN**, of **GAINESVILLE, FL 32608**; **AARON ANDREW KOTRANZA**, of **GAINESVILLE, FL 32608**; and **KYLE JOHN JOHNSEN** of **ATHENS, GA 30606**; (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

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papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

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INVENTOR 1

Signature: \_\_\_\_\_  
**BENJAMIN CHAK LUM LOK**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

\_\_\_\_\_  
**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**  
\_\_\_\_\_

\_\_\_\_\_  
**BENJAMIN CHAK LUM LOK**

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **BENJAMIN CHAK LUM LOK**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 2

Signature: \_\_\_\_\_  
DAVID SCOTT LIND

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
DAVID SCOTT LIND

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named DAVID SCOTT LIND, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 3

Signature: \_\_\_\_\_  
JUAN CARLOS CENDAN

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
JUAN CARLOS CENDAN

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named JUAN CARLOS CENDAN, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 4

Signature: \_\_\_\_\_  
ANDREW BRIAN RAIJ

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

\_\_\_\_\_  
ANDRES BRIAN RAIJ

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named ANDREW BRIAN RAIJ, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 5

Signature: Brent Rossen  
BRENT H. ROSSEN

Date: 8/12/11

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Brent Rossen  
BRENT H. ROSSEN

Date: 8/12/11

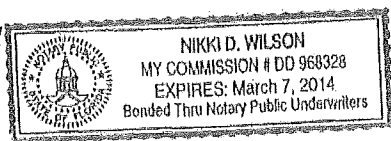
STATE OF Florida

SS.

COUNTY OF Alachua

This 12<sup>th</sup> day of August, 2011 before me personally came the above-named **BRENT H. ROSSEN**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal



Nikki D. Wilson

(Notary Public)

UFL0013PCT  
12973

7

PATENT  
REEL: 050830 FRAME: 0186

INVENTOR 6

Signature: \_\_\_\_\_  
AARON ANDREW KOTRANZA

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

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\_\_\_\_\_  
AARON ANDREW KOTRANZA

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named AARON ANDREW KOTRANZA, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 7

Signature: \_\_\_\_\_  
KYLE JOHN JOHNSEN

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

\_\_\_\_\_  
KYLE JOHN JOHNSEN

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named  
**KYLE JOHN JOHNSEN**, to me personally known as the individual who executed the foregoing  
assignment, who acknowledged to me that he/she executed the same of his/her own free will for  
the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973



## ASSIGNMENT

WHEREAS We, **BENJAMIN CHAK LUM LOK**, of **GAINESVILLE, FL 32605**; **DAVID SCOTT LIND**, of **MARTINEZ, GA 30907**; **JUAN CARLOS CENDAN**, of **GAINESVILLE, FL 32607**; **ANDREW BRIAN RAIJ**, of **TAMPA, FL 33647**; **BRENT H. ROSSEN**, of **GAINESVILLE, FL 32608**; **AARON ANDREW KOTRANZA**, of **GAINESVILLE, FL 32608**; and **KYLE JOHN JOHNSEN** of **ATHENS, GA 30606**; (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

### **COMMUNICATION AND SKILLS TRAINING USING INTERACTIVE VIRTUAL HUMANS**

for which we have filed on February 11, 2010, International Application Serial No. PCT/US2010/023877, which claims priority to U.S. Provisional Patent Application Serial No. 61/152,300 filed on February 11, 2009.

AND WHEREAS, **University of Florida Research Foundation, Inc.**, having a business address at 223 Grinter Hall, P.O. Box 115500, Gainesville, FL 32611-5500; and **Georgia Health Sciences University**, having a business address at 1120 15<sup>th</sup> Street, BB4514, Augusta, GA 30912; are desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and any Letters Patent to be obtained therefor (collectively referred to as ASSIGNEE);

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue any Letters Patent, and any and all Letters Patent that may be issued upon any and all utility applications, revivals, refilings, continuations, RCE's, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all

papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

INVENTOR 1

Signature: BENJAMIN CHAK LUM LOK

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

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\_\_\_\_\_  
BENJAMIN CHAK LUM LOK

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **BENJAMIN CHAK LUM LOK**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 2

Signature: \_\_\_\_\_  
**DAVID SCOTT LIND**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

\_\_\_\_\_  
**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**  
\_\_\_\_\_

\_\_\_\_\_  
**DAVID SCOTT LIND**

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **DAVID SCOTT LIND**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 3

Signature: \_\_\_\_\_  
JUAN CARLOS CENDAN

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

\_\_\_\_\_  
JUAN CARLOS CENDAN

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named JUAN CARLOS CENDAN, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

5

PATENT  
REEL: 050830 FRAME: 0193

Signature: ANDREW BRIAN RAJ

Witnessed by: \_\_\_\_\_  
Signature

Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Printed Name of Witness

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ANDRES BRIAN RAIJ

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **ANDREW BRIAN RAIJ**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

(Notary Public)

INVENTOR 5

Signature: \_\_\_\_\_  
**BRENT H. ROSSEN**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

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\_\_\_\_\_  
**BRENT H. ROSSEN**

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **BRENT H. ROSSEN**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

7

**PATENT**  
**REEL: 050830 FRAME: 0195**

INVENTOR 6

Signature: \_\_\_\_\_  
AARON ANDREW KOTRANZA

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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AARON ANDREW KOTRANZA


Date: 6/22/2011

STATE OF

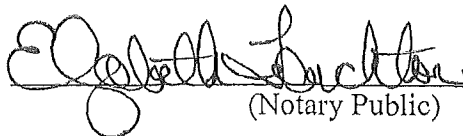
ss.

COUNTY OF

This 22<sup>nd</sup> day of June, 2011 before me personally came the above-named AARON ANDREW KOTRANZA, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth. produced FL DL

 Elizabeth Karen Touchton  
Notary Public  
State of Florida

My Commission Expires April 17, 2014  
Commission No. DD955044

  
(Notary Public)

UFL0013PCT  
12973

8



INVENTOR 7

Signature: \_\_\_\_\_  
KYLE JOHN JOHNSEN

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

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\_\_\_\_\_  
KYLE JOHN JOHNSEN

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **KYLE JOHN JOHNSEN**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

## ASSIGNMENT

WHEREAS We, BENJAMIN CHAK LUM LOK, of GAINESVILLE, FL 32605; DAVID SCOTT LIND, of MARTINEZ, GA 30907; JUAN CARLOS CENDAN, of GAINESVILLE, FL 32607; ANDREW BRIAN RAIJ, of TAMPA, FL 33647; BRENT H. ROSSEN, of GAINESVILLE, FL 32608; AARON ANDREW KOTRANZA, of GAINESVILLE, FL 32608; and KYLE JOHN JOHNSON of ATHENS, GA 30606; (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

### COMMUNICATION AND SKILLS TRAINING USING INTERACTIVE VIRTUAL HUMANS

for which we have filed on February 11, 2010, International Application Serial No. PCT/US2010/023877, which claims priority to U.S. Provisional Patent Application Serial No. 61/152,300 filed on February 11, 2009.

AND WHEREAS, **University of Florida Research Foundation, Inc.**, having a business address at 223 Grinter Hall, P.O. Box 115500, Gainesville, FL 32611-5500; and **Georgia Health Sciences University**, having a business address at 1120 15<sup>th</sup> Street, BB4514, Augusta, GA 30912; are desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and any Letters Patent to be obtained therefor (collectively referred to as ASSIGNEE);

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue any Letters Patent, and any and all Letters Patent that may be issued upon any and all utility applications, revivals, refilings, continuations, RCE's, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all

papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

INVENTOR 1

Signature: \_\_\_\_\_  
**BENJAMIN CHAK LUM LOK**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

\_\_\_\_\_  
**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**  
\_\_\_\_\_

\_\_\_\_\_  
**BENJAMIN CHAK LUM LOK**

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **BENJAMIN CHAK LUM LOK**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 2

Signature: \_\_\_\_\_  
**DAVID SCOTT LIND**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

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\_\_\_\_\_  
**DAVID SCOTT LIND**

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **DAVID SCOTT LIND**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 3

Signature: \_\_\_\_\_  
JUAN CARLOS CENDAN

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

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\_\_\_\_\_  
JUAN CARLOS CENDAN

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named JUAN CARLOS CENDAN, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

5

PATENT  
REEL: 050830 FRAME: 0202

Signature: ANDREW BRIAN RAIJ

Witnessed by: \_\_\_\_\_  
Signature

Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Printed Name of Witness

ANDRES BRIAN RAIJ

STATE OF

COUNTY OF

Seal

UFL0013PCT  
12973

INVENTOR 5

Signature: \_\_\_\_\_  
**BRENT H. ROSSEN**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

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\_\_\_\_\_  
**BRENT H. ROSSEN**

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named **BRENT H. ROSSEN**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973



INVENTOR 6

Signature: \_\_\_\_\_  
AARON ANDREW KOTRANZA

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

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\_\_\_\_\_  
AARON ANDREW KOTRANZA

Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named AARON ANDREW KOTRANZA, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

INVENTOR 7

Signature: \_\_\_\_\_  
KYLE JOHN JOHNSEN

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

\_\_\_\_\_  
KYLE JOHN JOHNSEN

Date: 7/25/11

STATE OF Georgia  
COUNTY OF Madison

ss.

This 25 day of July, 2011 before me personally came the above-named KYLE JOHN JOHNSEN, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

UFL0013PCT  
12973

9

