#### 505741252 10/25/2019

### **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5788065

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	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**

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

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	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.

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**Phone:** 617-646-8000

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

PATENT REEL: 050830 FRAME: 0141

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Correspondent Name: EDMUND J. WALSH

Address Line 1: WOLF, GREENFIELD & SACKS, P.C.

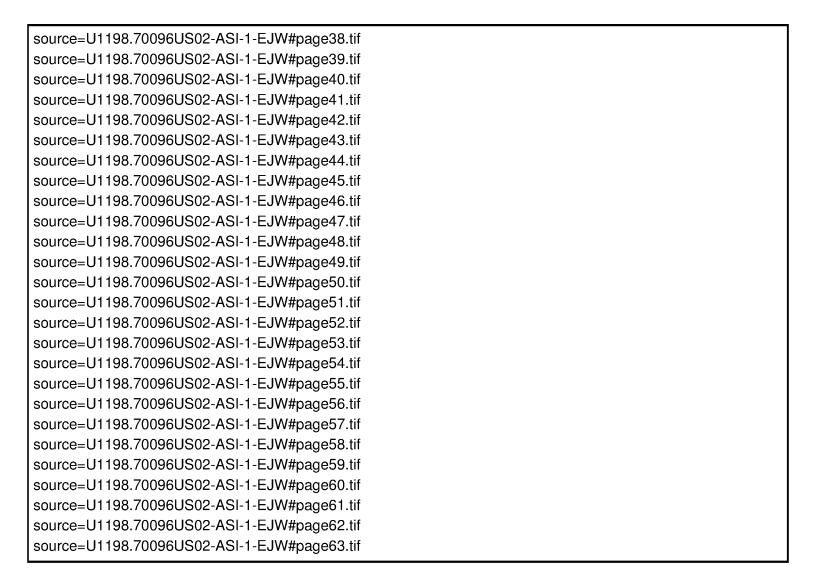
Address Line 2: 600 ATLANTIC AVENUE

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 15th 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

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UFL0013PCT 12973

**PATENT** 

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.

UFL0013PCT 12973

INVENTOR 1	
Signature: BENJAMIN CHAK LUM LOK	Date: $\frac{6/23/1}{1}$
Witnessed by: Sharachantens Signature	Date: 6 23 11
SHIVA SHANKAR HALA. Printed Name of Witness	Ŋ
Witnessed by:	Date: 6/23///
Printed Name of Witness	
LIGHT	
SECTION BELOW IS FOR USE ONLY IF SIG	
BENJAMIN CHAK LUM LOK	Date:
STATE OF ss. COUNTY OF	
This day of , 2011 be BENJAMIN CHAK LUM LOK, to me persona foregoing assignment, who acknowledged to me the will for the purposes therein set forth.	fore me personally came the above-name ally known as the individual who executed the nat he/she executed the same of his/her own fre
Seal	(Notary Public)
	(A county & done)
UFL0013PCT 3	

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.

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Signature: DA	VID SCOTT LIND	Date:
Witnessed by:	Signature	Date:
	Printed Name of Witness	 S
Witnessed by:	Signature	Date:
	Printed Name of Witness	3
		Y IF SIGNING IN PRESENCE OF A NOTARY  Date:
STATE OF COUNTY OF	SS.	
DAVID SCOT	T LIND, to me personal to acknowledged to me the	before me personally came the above-named ly known as the individual who executed the foregoing at he/she executed the same of his/her own free will for
Seal		(Notary Public)

**INVENTOR 2** 

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### **INVENTOR 3** Signature: Date: \_\_\_\_\_ JUAN CARLOS CENDAN Witnessed by: Date: \_\_\_\_\_ Signature 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 Date: JUAN CARLOS CENDAN STATE OF SS. **COUNTY OF** This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named <u>JUAN</u> <u>CARLOS CENDAN</u>, 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

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INVENTOR 4			
Signature:	DREW BRIAN RAIJ	Date:	
AN	DREW BRIAN RAIJ		
Witnessed by:		Date:	
	Signature	-	
	Printed Name of Witness		
Witnessed by:	Clauston	Date:	
	Signature		
•	Printed Name of Witness		
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		Date:	
ANDRES BRI	AN RAIJ		
STATE OF			
COUNTY OF	SS.		
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the purposes the	erein set forth.	she executed the same of h	is/fict own free will for
Seal			
		(Notary Public)	

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Signature: BR	ENT H. ROSSEN	Date:	
Witnessed by:	Signature	Date:	
	Signature		
	Printed Name of Witness	-	
Witnessed by:		Date:	
	Signature		
	Printed Name of Witness	-	
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COUNTY OF	SS.		
BRENT H. R	OSSEN, to me personally know acknowledged to me that he	re me personally came the above-na own as the individual who execut s/she executed the same of his/her	ed the foregoing
Seal		(Notary Public)	

**INVENTOR 5** 

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INVENTOR 6		
Signature:	RON ANDREW KOTRA	Date:
	Signature	
Witnessed by	Printed Name of Witness	Data
withessed by.	Signature	Date:
-	Printed Name of Witness	
		Date:
STATE OF	SS.	
COUNTY OF		
AARON AND foregoing assig	REW KOTRANZA, to me	efore me personally came the above-named e personally known as the individual who executed to me that he/she executed the same of his/her own fr
Seal		(Notary Public)

Signature: KY	LE JOHN JOHNSEN	Date:	_
Witnessed by:	Signature	Date:	
	Printed Name of Witness	_	
Witnessed by:	Signature	Date:	_
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		IF SIGNING IN PRESENCE OF A NOT	
STATE OF	SS.		
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**INVENTOR 7** 

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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

UFL0013PCT 12973

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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UFL0013PCT 12973 2

Signature: BE	NJAMIN CHAK LUM LOK	Date:	
Witnessed by:		Date:	
•	Signature		
	Printed Name of Witness		
Witnessed by:		Date:	
	Signature		
	Printed Name of Witness		
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BENJAMIN C	CHAK LUM LOK	Date:	
STATE OF			
COUNTY OF	SS.		
BENJAMIN ( foregoing assig	CHAK LUM LOK, to me per	before me personally came the sonally known as the individual when the that he/she executed the same of h	no executed the
Seal			
		(Notary Public)	

INVENTOR 1

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### **INVENTOR 3** Signature: Date: JUAN CARLOS CENDAN Witnessed by: Date: \_\_\_\_\_ Signature Printed Name of Witness Date: Witnessed by: Signature Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY JUAN CARLOS CENDAN STATE OF SS. COUNTY OF This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named <u>JUAN</u> <u>CARLOS CENDAN</u>, 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.

UFL0013PCT 12973

Seal

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(Notary Public)

Signature: AN	DREW BRIAN RAIJ	Date:	·
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
SECTION BE	LOW IS FOR USE ONLY IF	SIGNING IN PRESENCE OF A  Date:	NOTARY
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ANDRES BRI STATE OF COUNTY OF This da ANDREW BR	LOW IS FOR USE ONLY IF  AN RAIJ  ss.  y of, 2011 befor, 2011 befor	SIGNING IN PRESENCE OF A	med ed the foregoing

**INVENTOR 4** 

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Signature: BR	ENT H. ROSSEN	Date:
Witnessed by:	Signature	Date:
	Printed Name of Witness	<del></del>
Witnessed by:	Signature	Date:
	Printed Name of Witness	
SECTION BE		IF SIGNING IN PRESENCE OF A NOTARY  Date:
STATE OF COUNTY OF	ss.	
	OSSEN, to me personally as acknowledged to me that	efore me personally came the above-named known as the individual who executed the foregoin he/she executed the same of his/her own free will for
Seal		(Notary Public)

**INVENTOR 5** 

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Signature: AA	RON ANDREW KOTRANZ	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witness	-	
Witnessed by:	Signature	Date:	
	Printed Name of Witness	-	
SECTION BE		SIGNING IN PRESENCE OF A NOTARY	
AARON AND	REW KOTRANZA	Date:	
STATE OF  COUNTY OF  This da  AARON AND  foregoing assig	REW KOTRANZA  ss.  ay of, 2011 before REW KOTRANZA, to me pe		the

INVENTOR 6

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INVENTOR 7				
Signature: KY	LE JOHN JOHNSEN	Date	\$	
Witnessed by:	Signature	Date	:	
•	Printed Name of Witn	ess		
Witnessed by: _	Signature	Date	:	
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COUNTY OF				
KYLE JOHN	JOHNSEN, to me person acknowledged to me	onally known as the in	ly came the above-named ndividual who executed the for the same of his/her own free	regoing will for
Seal	_	(Not	ary Public)	

#### 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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UFL0013PCT 12973

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UFL0013PCT 12973

Signature: BEI	NJAMIN CHAK LUM LOK	Date:	
Witnessed by: _	Signature	Date:	
	orgnature		
`	Printed Name of Witness		
Witnessed by: _	Signature	Date:	
	Signature		
~	Printed Name of Witness		
	LOW IS FOR USE ONLY IF		
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BENJAMIN C	HAK LUM LOK		
STATE OF			
COUNTY OF	SS.		
BENJAMIN Coregoing assign	day of, 2011 CHAK LUM LOK, to me per nament, who acknowledged to moses therein set forth.	before me personally sonally known as the indi	vidual who executed the
Seal			
		(Notary Public)	

INVENTOR 1

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INVENTOR 2		
Signature: DA	VID SCOTT LIND	Date:
Witnessed by:	Signature	Date:
	Printed Name of Witness	<u></u>
Witnessed by:	Signature	Date:
	Printed Name of Witness	_
	LOW IS FOR USE ONLY I	F SIGNING IN PRESENCE OF A NOTARY  Date:
DAVID SCOT	T LIND	
COUNTY OF	ss.	
DAVID SCOT	TT LIND, to me personally loo acknowledged to me that h	fore me personally came the above-named known as the individual who executed the foregoin ne/she executed the same of his/her own free will for
Seal		(Notary Public)

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Signature: JUA	AN CARLOS CENDAN	Date: 8/14/1011
	Signature	
	Printed Name of Witness	_
Witnessed by:	Signature	Date:
	Printed Name of Witness	_
		SIGNING IN PRESENCE OF A NOTARY
JUAN CARLO	OS CENDAN	Date:
STATE OF	SS.	
CARLOS CE	NDAN, to me personally know acknowledged to me that he	efore me personally came the above-named <u>JUA</u> own as the individual who executed the foregoingly she executed the same of his/her own free will the his/her own free will the same of his/her own free will the same of his/her own free will the same of his/her own free will the h
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**INVENTOR 3** 

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Signature: AN	DREW BRIAN RAIJ	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
Witnessed by:	Signature	Date:	
	Printed Name of Witness	•	
ANDRES BRI		Date:	_
STATE OF	ss.		
<u>ANDREW BR</u>	IAN RAIJ, to me personally loo acknowledged to me that he	re me personally came the above-named known as the individual who executed the same of his/her own free	
Seal		(Notary Public)	_

PATENT REEL: 050830 FRAME: 0167

**INVENTOR 4** 

Signature: BR	ENT H. ROSSEN		Date:
Witnessed by:	Signature	<del></del>	Date:
-	Printed Name of W	itness	
Witnessed by:	Signature		Date:
-	Printed Name of W	itness	
BRENT H. RO	DSSEN		Date:
STATE OF COUNTY OF		SS.	
This da BRENT H. Reassignment, when the purposes the	OSSEN, to me person acknowledged to r	onally known as tl	rsonally came the above-named he individual who executed the foregoin cuted the same of his/her own free will fo
Seal			(Notary Public)
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**INVENTOR 5** 

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Signature: AAI	RON ANDREW KOTRAN	Date:
Witnessed by: _	Signature	Date:
-	Printed Name of Witness	
Witnessed by: _	Signature	Date:
-	Printed Name of Witness	
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STATE OF COUNTY OF	SS.	
foregoing assign	REW KOTRANZA, to me	fore me personally came the above-named personally known as the individual who executed the me that he/she executed the same of his/her own fre
Seal		(Notary Public)

**INVENTOR 6** 

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Signature		
Signature: KY	LE JOHN JOHNSEN	Date:
Witnessed by:	Signature	Date:
	Printed Name of Witness	
Witnessed by:	Signature	Date:
	Printed Name of Witness	
SECTION BE	LOW IS FOR USE ONLY	IF SIGNING IN PRESENCE OF A NOTARY
KYLE JOHN	JOHNSEN	Date:
STATE OF		
COUNTY OF	SS.	
KYLE JOHN	JOHNSEN, to me personal acknowledged to me that	efore me personally came the above-named ly known as the individual who executed the foregoing he/she executed the same of his/her own free will for
Seal		(Notary Public)
		()

**INVENTOR 7** 

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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:

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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

UFL0013PCT 12973 1

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.

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Signature: BEI	NJAMIN CHAK LUM I	Date:		
Witnessed by:	Signature	Date:		
	Printed Name of Witnes	SS		
Witnessed by: _	Signature	Date:	,	
-	Printed Name of Witnes	SS		
SECTION BE	LOW IS FOR USE ON	LY IF SIGNING IN	PRESENCE OF A NOTARY	
BENJAMIN C	HAK LUM LOK	Date:		
STATE OF	ss.			
BENJAMIN C foregoing assign	HAK LUM LOK, to n	ne personally known	personally came the above-name as the individual who executed tectured the same of his/her own from the	he
Seal		(Note:	ry Public)	

INVENTOR 1

3

	VID SCOTT LIND	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witness	<del></del>	
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
SECTION BE	LOW IS FOR USE ONLY	F SIGNING IN PRESENCE OF A NOTA	
DAVID SCOT	T LIND	Date:	
STATE OF COUNTY OF	SS.		
	T LIND, to me personally to acknowledged to me that	Fore me personally came the above-named known as the individual who executed the ne/she executed the same of his/her own fre	
Seal		(Notary Public)	_

**INVENTOR 2** 

4

## **INVENTOR 3** Signature: Date: \_\_\_\_\_ JUAN CARLOS CENDAN 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 Date: JUAN CARLOS CENDAN STATE OF SS. COUNTY OF This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named <u>JUAN</u> <u>CARLOS CENDAN</u>, 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

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# **INVENTOR 4** Signature: Date: ANDREW BRIAN RAIJ 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 ANDREW BRIAN RAIJ Florida STATE OF SS. COUNTY OF PULCO This 201 day of Sovernoer, 2011 before me personally came the above-named ANDREW BRIAN RAIJ, to me personally known as the individual who executed the foregoing

Seal

AMY UHL LEONE

Notary Public - State of Florida

My Comm. Expires Jun 8, 2014

Commission # DD 999175

the purposes therein set forth.

amy Ill Gene

UFL0013PCT 12973 6

assignment, who acknowledged to me that he/she executed the same of his/her own free will for

Signature: BR	ENT H. ROSSEN	Date:
Witnessed by:	Signature	Date:
	Printed Name of Witness	_
Witnessed by:	Signature	Date:
	Printed Name of Witness	_
	LOW IS FOR USE ONLY	F SIGNING IN PRESENCE OF A NOTARY  Date:
STATE OF COUNTY OF	ss.	
BRENT H. R	OSSEN, to me personally keep acknowledged to me that	Fore me personally came the above-named nown as the individual who executed the foregoing ne/she executed the same of his/her own free will for
Seal		(Notary Public)

**INVENTOR 5** 

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INVENTOR 6			
Signature:	RON ANDREW KOTF	Date:	
AA	RON ANDREW KOTF	ANZA	
Witnessed by:		Date:	:
	Signature		
	Printed Name of Witne	ess	
Witnessed by:	Signature	Date:	
	Signature		
	Printed Name of Witne	PSS	
			PRESENCE OF A NOTARY
AARON AND	REW KOTRANZA		
STATE OF			
COUNTY OF	SS	•	
AARON AND foregoing assig	REW KOTRANZA, to	me personally know	ly came the above-named n as the individual who executed the executed the same of his/her own fre
Seal			
		(Nota	ary Public)

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Signature:		Date:	
KY.	LE JOHN JOHNSEN		
Witnessed by:	Signature	Date:	NAME OF THE PARTY
	Printed Name of Witness	-	
Witnessed by:		Date:	
	Signature		
-	Printed Name of Witness		
		SIGNING IN PRESENCE OF A N	
KYLE JOHN	JOHNSEN	Date:	
STATE OF COUNTY OF	SS.		
KYLE JOHN	<b>JOHNSEN</b> , to me personally of acknowledged to me that he	re me personally came the above-name known as the individual who execute /she executed the same of his/her ov	d the foregoing
Seal		(Notary Public)	

**INVENTOR 7** 

9

#### 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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UFL0013PCT 12973

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.

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> PATENT REEL: 050830 FRAME: 0181

2

Signature:		Date:	
BE.	NJAMIN CHAK LUM LOK		
Witnessed by:		Date:	
	Signature		
	Printed Name of Witness	_	
Witnessed by:	G'	Date:	
	Signature		
,	Printed Name of Witness	-	
SECTION BE	LOW IS FOR USE ONLY I	SIGNING IN PRESENCE OF A NOTARY	
BENJAMIN C	CHAK LUM LOK	Date:	
STATE OF			
COUNTY OF	SS.		
BENJAMIN (foregoing assig	CHAK LUM LOK, to me pe	before me personally came the above-name to be sometimes as the individual who executed the that he/she executed the same of his/her own fi	he
Seal			
		(Notary Public)	

INVENTOR 1

3

Signature: DAVID SCO	TT LIND	Date:	
Witnessed by:Sig	nature	Date:	
Printed N	Name of Witness		
Witnessed by:Sig	nature	Date:	
Printed N	Name of Witness		
SECTION BELOW IS I	FOR USE ONLY IF S	IGNING IN PRESE	NCE OF A NOTARY
DAVID SCOTT LIND		Date.	
STATE OF COUNTY OF	ss.		
DAVID SCOTT LIND,	ledged to me that he/sh	vn as the individual v	ne above-named who executed the foregoing of his/her own free will for
Seal	<u> </u>	(Notary Public	·)

INVENTOR 2

4

### INVENTOR 3 Signature: Date: JUAN CARLOS CENDAN Witnessed by: Date: \_\_\_\_\_ Signature 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 Date: JUAN CARLOS CENDAN STATE OF SS. **COUNTY OF** This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named <u>JUAN</u> <u>CARLOS CENDAN</u>, 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.

UFL0013PCT 12973

Seal

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(Notary Public)

INVENTOR 4			
Signature: ANI	DREW BRIAN RAIJ	Date:	
	Signature	Date:	
-	Printed Name of Witness		
Witnessed by: _	Signature	Date:	
-	Printed Name of Witness		
SECTION BE	LOW IS FOR USE ONLY IF	SIGNING IN PRESENC	
STATE OF COUNTY OF	SS.		
This day ANDREW BR assignment, who the purposes the	y of, 2011 before, 2011 before, 2011 before a cknowledged to me that he/strein set forth.	e me personally came the nown as the individual which she executed the same of	above-named no executed the foregoing his/her own free will for
Seal		(Notary Public)	

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Signature: A	Die Rossen ENT H. ROSSEN	Date: 8/12/11	
Witnessed by:	Signature	Date;	
	Printed Name of Witness		
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
SECTION BE	LOW IS FOR USE ONLY IF S	SIGNING IN PRESENCE OF A NOTA	RY
Das Brent H. Ro	Paper	Date: 8/12/11	
STATE OF F	99.		
<u>BRENT H. R</u>	OSSEN, to me personally known acknowledged to me that he/s	e me personally came the above-named wn as the individual who executed the same of his/her own free	
Seal	NIKKI D. WILSON MY COMMISSION # DD 968328 EXPIRES: March 7, 2014 onted Thru Notary Public Underwriters	(Notary Public)	

**INVENTOR 5** 

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Signature: AAl	RON ANDREW KOT	ΓRANZA	Date:	
Witnessed by: _	Signature		Date:	
-	Printed Name of Wit	ness		
Witnessed by: _	Signature		Date:	
-	Printed Name of Wit	ness		
SECTION BE	LOW IS FOR USE O	NLY IF SIGNIN	G IN PRESENCE OF A NOTA	ARY
STATE OF		SS.		
AARON AND foregoing assign	REW KOTRANZA,	to me personally l	sonally came the above-named known as the individual who ex s/she executed the same of his/he	ecuted the r own free
Seal	-		(Notary Public)	_

INVENTOR 6

8

Signature: KY	LE JOHN JOHNSEN	Date:	
Witnessed by:	Signature	Date:	
	Signature		
	Printed Name of Witness	_	
Witnessed by:	Signature	Date:	
	Signature		
	Printed Name of Witness	_	
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SECTION BE  KYLE JOHN  STATE OF  COUNTY OF  This da  KYLE JOHN  assignment, wh	JOHNSEN  ss.  ay of, 2011 before JOHNSEN, to me personally	SIGNING IN PRESENCE OF A NO	d the foregoing
SECTION BE  KYLE JOHN  STATE OF  COUNTY OF  This da  KYLE JOHN  assignment, wh	JOHNSEN ss.  ay of, 2011 before JOHNSEN, to me personally no acknowledged to me that h	Date:  The me personally came the above-named known as the individual who executed the second	d the foregoing

**INVENTOR 7** 

9

#### **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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UFL0013PCT 12973

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UFL0013PCT 12973

Signature: BE	NJAMIN CHAK LUM	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witne	ss	
Witnessed by:	Signature	Date:	
	Printed Name of Witne		
SECTION BE	LOW IS FOR USE ON	LY IF SIGNING IN PRESENCE OF A	NOTARY
BENJAMIN C	CHAK LUM LOK	Date:	
STATE OF	SS.		
BENJAMIN (foregoing assig	CHAK LUM LOK, to r	2011 before me personally came to me personally known as the individual wed to me that he/she executed the same of	who executed the
Seal		(Notary Public)	

INVENTOR 1

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	VID SCOTT LIND	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
		Date:	
STATE OF COUNTY OF	SS.		
DAVID SCOT	CT LIND, to me personally lot acknowledged to me that he	fore me personally came the above-named known as the individual who executed the foregue/she executed the same of his/her own free will	oing 1 for
Seal		(Notary Public)	

INVENTOR 2

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Signature: JUA	AN CARLOS CENDAN	<u> </u>	Date:	
Witnessed by:	Signature		Date:	
	Printed Name of Witne	ess		
Witnessed by:	Signature		Date:	
	Printed Name of Witne	ess		
JUAN CARLO	LOW IS FOR USE ON		Date:	
STATE OF COUNTY OF	S	S.		
	NDAN, to me persona no acknowledged to me	lly known a	s the individual wh	e the above-named <u>JUAN</u> no executed the foregoing of his/her own free will for
Seal			(Notary Public)	i
UFL0013PCT		. 5		

**PATENT REEL: 050830 FRAME: 0193** 

**INVENTOR 3** 

INVENTOR 4		
Signature:	DREW BRIAN RAIJ	Date:
AIN	DREW BRIAN RAIJ	
Witnessed by:	Signature	Date:
	Signature	
	Printed Name of Witne	SS .
Witnessed by:		Date;
	Signature	
	Printed Name of Witner	SS S
		LY IF SIGNING IN PRESENCE OF A NOTARY
ANDRES BRI	AN RAIJ	Date:
STATE OF		
COUNTY OF	SS.	
This da ANDREW BR assignment, when the purposes the	o acknowledged to me t	I before me personally came the above-named nally known as the individual who executed the foregoing hat he/she executed the same of his/her own free will for
Seal		
		(Notary Public)

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Signature: BR	ENT H. ROSSEN	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
Witnessed by:	Signature	Date:	
-	Printed Name of Witness	_	
BRENT H. RO		Date:	CONTRACTOR OF THE PROPERTY OF
STATE OF COUNTY OF	ss.		
BRENT H. R	OSSEN, to me personally known acknowledged to me that h	ore me personally came the above-name nown as the individual who executed e/she executed the same of his/her own	the foregoing
Seal		(Notary Public)	

**INVENTOR 5** 

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#### **INVENTOR 6** Signature: Date: \_\_\_\_\_ AARON ANDREW KOTRANZA Witnessed by: Date: Signature Printed Name of Witness Witnessed by: \_\_\_\_\_ Date: \_\_\_\_\_ Signature Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: 6/22/2011 AARON ANDREW KOTRANZA STATE OF SS. COUNTY OF This 2 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. Produced FLDC Elizabeth Karen Touchton **Notary Public** State of Florida My Commission Expires April 17, 2014

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Commission No. DD955044

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Signature: KY	LE JOHN JOHNSEN	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witness	_	
Witnessed by:	Signature	Date:	
	Printed Name of Witness	_	
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SECTION BE  KYLE JOHN  STATE OF  COUNTY OF  This da  KYLE JOHN  assignment, w	JOHNSEN  ss.  ay of, 2011 bef. JOHNSEN, to me personally	F SIGNING IN PRESENCE OF A NOTAR	regoing

**INVENTOR 7** 

9

#### **ASSIGNMENT**

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UFL0013PCT 12973

Signature: BEI	NJAMIN CHAK LUM LOK	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
Witnessed by: _	Signature	Date:	
	Printed Name of Witness	_	
SECTION BE	LOW IS FOR USE ONLY I	F SIGNING IN PRESENCE OF A NOTA	ARY
BENJAMIN C	HAK LUM LOK	Date:	
STATE OF	SS.		
BENJAMIN C foregoing assig	CHAK LUM LOK, to me p	11 before me personally came the abo ersonally known as the individual who exe me that he/she executed the same of his/her	ecuted the
Seal		(Notary Public)	

**INVENTOR 1** 

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Signature: DA	VID SCOTT LIND	Date:	
Witnessed by: _	Signature	Date:	
-	Printed Name of Witness	_	
Witnessed by: _	Signature	Date:	
-	Printed Name of Witness	-	
	LOW IS FOR USE ONLY I	F SIGNING IN PRESENCE OF A  Date:	NOTARY
STATE OF	SS.		
DAVID SCOT	T LIND, to me personally keep of acknowledged to me that he	ore me personally came the above-na nown as the individual who executed she executed the same of his/her	ted the foregoing
Seal			

**INVENTOR 2** 

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### **INVENTOR 3** Signature: Date: \_\_\_\_\_ JUAN CARLOS CENDAN Witnessed by: \_\_\_\_\_\_Signature Date: \_\_\_\_\_ Printed Name of Witness Witnessed by: \_\_\_\_\_\_Signature Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: JUAN CARLOS CENDAN STATE OF SS, **COUNTY OF** This \_\_\_\_\_ day of \_\_\_\_\_, 2011 before me personally came the above-named <u>JUAN</u> <u>CARLOS CENDAN</u>, 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

UFL0013PCT 12973

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(Notary Public)

INVENTOR 4			
Signature: AN	DREW BRIAN RAIJ	Date:	
Witnessed by:		Date:	
•	Signature		_
	Printed Name of Witness		
Witnessed by:	Signature	Date:	_
	Signature		
	Printed Name of Witness		
ANDRES BRI		Date:	
STATE OF			
COUNTY OF	SS.		
This da ANDREW BR assignment, when the purposes the	no acknowledged to me that he	re me personally came the above-named known as the individual who executed the same of his/her own	he foregoing free will for
Seal		(Motory Dublie)	and the state of t
		(Notary Public)	

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Signature: BR	ENT H. ROSSEN	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
BRENT H. RO		SIGNING IN PRESENCE OF A	
STATE OF COUNTY OF	ss.		
BRENT H. R assignment, wh	OSSEN, to me personally kno	e me personally came the above-n wn as the individual who execu she executed the same of his/her	ted the foregoing
the purposes the	erein set forth.		

**INVENTOR 5** 

7

Signature: AARON ANDREW KO	Date:
Witnessed by:Signature	Date:
Printed Name of Wi	tness
Witnessed by:Signature	Date:
Printed Name of Win	tness
SECTION BELOW IS FOR USE (	ONLY IF SIGNING IN PRESENCE OF A NOTARY
AARON ANDREW KOTRANZA	Date:
STATE OF COUNTY OF	SS.
<u>AARON ANDREW KOTRANZA,</u>	to me personally came the above-named to me personally known as the individual who executed the dged to me that he/she executed the same of his/her own free
Seal .	(Notary Public)

INVENTOR 6

8

INVENTOR 7					
Signature; KY	LE JOHN JOHNSEI	N	Date:		
Witnessed by:	Signature		Date:		
	Printed Name of Wi	tness			
Witnessed by: _	Signature		Date:		
-	Printed Name of Wi	tness			
SECTION BE	LOW IS FOR USE O		G IN PRESEN		Y
STATE OF COUNTY OF	seorgia Madison	SS.			
	JOHNSEN, to me per of acknowledged to n		the individual	who executed the fo	
Seal		Patry	. Udam (Notary Public	<u>4)</u>	
UFL0013PCT 12973		9	CHO.	FAISY J. ADAMS Rotery Public, Secreti Modison County My Commission Expire August 19, 2012	11.

**PATENT** REEL: 050830 FRAME: 0206

**RECORDED: 10/25/2019**