506956930 11/03/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7003768

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HAMZAH MAGSOOD	10/08/2021
CIRCO H. ALCOBA SERRATE	10/22/2021
AHMED A. EL-GENDY	10/27/2021
RAVI L. HADIMANI	10/06/2021

RECEIVING PARTY DATA

Name:	VIRGINIA COMMONWEALTH UNIVERSITY
Street Address:	800 EAST LEIGH STREET
Internal Address:	SUITE 3000
City:	RICHMOND
State/Country:	VIRGINIA
Postal Code:	23298

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16104217

CORRESPONDENCE DATA

Fax Number: (703)787-7557

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: 7037879400

Email: walter@wcc-ip.com

Correspondent Name: WHITHAM & COOK, P.C.
Address Line 1: 11491 SUNSET HILLS ROAD

Address Line 2: SUITE 340

Address Line 4: RESTON, VIRGINIA 20190

ATTORNEY DOCKET NUMBER:	02941223AA
NAME OF SUBMITTER:	WALTER W. RICHARDSON
SIGNATURE:	/Walter W. Richardson/
DATE SIGNED:	11/03/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 058002 FRAME: 0322

Total Attachments: 5 source=02941223AA_decassgn#page1.tif source=02941223AA_decassgn#page2.tif

source=02941223AA_decassgn#page3.tif source=02941223AA_decassgn#page4.tif

5001Ce=02941225AA_uecassy11#page4.til

source=02941223AA_decassgn#page5.tif

PATENT REEL: 058002 FRAME: 0323

DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Title of Invention: ANATOMICALLY ACCURATE BRAIN PHANTOMS AND METHODS FOR MAKING AND USING THE SAME

As a below named inventor, I hereby declare that:		
This declaration and assignment document is directed to:		
[] the attached application;		
[X] United States application number 16/104,217 filed on August 17, 2018 ;		
[] PCT international application number filed on		
The above-identified application was made or authorized to be made by me.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
I have reviewed and understand the contents of the application, including the claims.		
I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.		
Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application;		
Whereas, VIRGINIA COMMONWEALTH UNIVERSITY, having a place of business at 800 East Leigh Street, Suite 3000, Richmond, VA 23298 (herein referred to as "ASSIGNEE"), desires to acquire		

Whereas, VIRGINIA COMMONWEALTH UNIVERSITY, having a place of business at 800 East Leigh Street, Suite 3000, Richmond, VA 23298 (herein referred to as "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to ASSIGNEE, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all

Page 1 of 2

and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, putent Application Number) which may be necessary or desirable for recordation of this Assignment.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or impresentant of not more than five (5) years, or both.
I hereby authorize and request any attorney of WHITHAM & COOK, P.C., Customer No. 164319, to insert or correct any information concerning the identity of ASSIGNOR, ASSIGNEE, or the above-mentioned application (including the serial no. and the filing date).
HM Hornzah (1) Legal Name of Inventor: Hjølinza Magnood
Signature:
(2) Logal Name of Inventor: Circo H. Alcoba Servate
Signature: Delo:
(3) Legal Name of Inventor: Abased A. El-Gendy
Signature: All properties of the second sec
(4) Legal Name of Investor: Magundappa L. Ravi Hadimani
Signature: Add
Page 2 of 2

related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to ASSIGNEE and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby authorize and request any attorney of WHITHAM & COOK, P.C., Customer No. 164319, to insert or correct any information concerning the identity of ASSIGNOR, ASSIGNEE, or the above-mentioned application (including the serial no. and the filing date).

(1) Legal Name of Inventor: Hamza Magsood	
Signature:	Date:
(2) Legal Name of Inventor: Circo H. Alcoba Serrate	
Signature: 600 H. Alcobor B.	Date:
(3) Legal Name of Inventor: Ahmed A. El-Gendy	
Signature:	Date:
(4) Legal Name of Inventor: Magundappa L. Ravi Hadimani	
Signature:	Date:

Page 2 of 2

related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to ASSIGNEE and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby authorize and request any attorney of WHITHAM & COOK, P.C., Customer No. 164319, to insert or correct any information concerning the identity of ASSIGNOR, ASSIGNEE, or the above-mentioned application (including the serial no. and the filing date).

(1)	Legal Name of Inventor: Hamza Magsood	
	Signature:	Date:
(2)	Legal Name of Inventor: Circo H. Alcoba Serrate	
	Signature:	_ Date:
(3)	Legal Name of Inventor: Ahmed A. El-Gendy	
	Signature:	_ Date:10/27/2021
(4)	Legal Name of Inventor: Magundappa L. Ravi Hadimani	
	Signature:	Date:

related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to ASSIGNEE and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby authorize and request any attorney of WHITHAM & COOK, P.C., Customer No. 164319, to insert or correct any information concerning the identity of ASSIGNOR, ASSIGNEE, or the above-mentioned application (including the serial no. and the filing date).

(1) Legal Name of Inventor: Hamza Magsood	
Signature:	Date:
(2) Legal Name of Inventor: Circo H. Alcoba Serrate	
Signature:	Date:
(3) Legal Name of Inventor: Ahmed A. El-Gendy	
Signature:	Date:
(4) Legal Name of Inventor: Ravi L. Hadimani rth	
Signature: Allach.	Date:10/06/2021

Page 2 of 2