

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VIKRAM RAMANARAYANAN	04/21/2016
MARK KATZ	05/16/2016
ERIC STEINHAUER	02/23/2017
RAVINDRAN RAMASWAMY	06/13/2016
DAVID SUENDERMAN-OEFT	04/21/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EDUCATIONAL TESTING SERVICE
<b>Street Address:</b>	ROSEDALE ROAD
<b>City:</b>	PRINCETON
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	08541
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15133775
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(212)755-7306
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	wtokmakidis@jonesday.com, erosenfelder@jonesday.com
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<b>ATTORNEY DOCKET NUMBER:</b>	011948-1186-999
<b>NAME OF SUBMITTER:</b>	MATTHEW W. JOHNSON
<b>SIGNATURE:</b>	/Matthew W. Johnson/
<b>DATE SIGNED:</b>	02/27/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 8</b>	
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source=1186\_Dec\_Assign#page8.tif

## DECLARATION AND ASSIGNMENT

WHEREAS, WE, VIKRAM RAMANARAYANAN, citizen of India, having a mailing address of 1390 Market Street, #2414, San Francisco, CA, 94102 residing at San Francisco, CA, US, MARK KATZ, citizen of the United States, having a mailing address of 4 Intercoastal Way, Point Pleasant, NJ, 08742 residing at Point Pleasant, NJ, US, ERIC STEINHAUER, citizen of the United States, having a mailing address of 314 Greenwood Avenue, Jenkintown, PA, 19046 residing at Jenkintown, PA, US, RAVINDRAN RAMASWAMY, citizen of India, having a mailing address of 69 Cayuga Road, Bordentown, NJ, 08505 residing at Bordentown, NJ, US and DAVID SUENDERMAN-ONEFT, citizen of the United States, having a mailing address of 140 Lunado Way, San Francisco, CA, 94127 residing at San Francisco, CA, US, ASSIGNORS, are inventors of the invention in COMPUTER-IMPLEMENTED SYSTEMS AND METHODS FOR ACQUIRING AND ASSESSING PHYSICAL-WORLD DATA INDICATIVE OF AVATAR INTERACTIONS, for which an application for a patent of the United States has been filed,

☒ which is identified by Jones Day docket no. 011948-1186-999

☒ which was filed on 20 April 2016, Application No. 15/133,775

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

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

This declaration is directed to:

☐ The attached application,

OR

☒ United States Application Number or PCT International Application Number 15/133,775 filed on 20 April 2016.

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

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

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.

## Authorization to Permit Access to Application by Participating Office

☒ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

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

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

Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement.

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

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

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

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

Date APRIL 21<sup>st</sup>, 2016  L.S.  
VIKRAM RAMANARAYANAN

Date \_\_\_\_\_, 2016 \_\_\_\_\_ L.S.  
MARK KATZ

Date \_\_\_\_\_, 2016 \_\_\_\_\_ L.S.  
ERIC STEINHAEUER

Date \_\_\_\_\_, 2016 \_\_\_\_\_ L.S.  
RAVINDRAN RAMASWAMY

Date April 21, 2016  L.S.  
DAVID SUENDERMANNOEFT

JOINT

### DECLARATION AND ASSIGNMENT

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

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

Date _____, 2016	_____ VIKRAM RAMANARAYANAN	L.S.
Date <u>5/16</u> , 2016	_____ MARK KATZ	L.S.
Date _____, 2016	_____ ERIC STEINHAEUER	L.S.
Date _____, 2016	_____ RAVINDRAN RAMASWAMY	L.S.
Date _____, 2016	_____ DAVID SUENDERMAN-OEFT	L.S.

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VIKRAM RAMANARAYANAN

Date \_\_\_\_\_, 2016 \_\_\_\_\_ L.S.  
MARK KATZ

Date \_\_\_\_\_, 2016 \_\_\_\_\_ L.S.  
ERIC STEINHAUER

Date June 13, 2016 \_\_\_\_\_ L.S.  
RAVINDRAN RAMASWAMY

Date \_\_\_\_\_, 2016 \_\_\_\_\_ L.S.  
DAVID SUENDERMAN-OFET



JOINT

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