PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL J. BLACK	04/02/2013
OREN FREIFELD	04/02/2013
ALEXANDER W. WEISS	02/19/2013
MATTHEW M. LOPER	03/28/2013
PENG GUAN	04/02/2013

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	17370272			

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NAME OF SUBMITTER:	BRIAN VO
SIGNATURE:	/Brian Vo/
DATE SIGNED:	12/09/2021

Total Attachments: 7

PATENT REEL: 058346 FRAME: 0717

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ASSIGNMENT OF PATENT APPLICATION

Docket No. B019-7021US1

Applicant(s):

Michael J. Black, Oren Freifeld, Alexander W. Weiss, Matthew M. Loper,

Peng Guan

Serial No:

13/696,676

I.A. Filing Date: June 8, 2011

For:

PARAMETERIZED MODEL OF 2D ARTICULATED HUMAN SHAPE

Examiner:

Not yet assigned

Art Unit:

Not yet assigned

Conf. No.:

4852

Whereas we, the undersigned, have made certain inventions or discoveries (or both) set forth in the above-identified application for Letters Patent of the United States of America, and

Whereas BROWN UNIVERSITY having a place of business at 1 Prospect Street, Providence, Rhode Island 02912, U.S.A., which together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited:

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which is hereby acknowledged, we do hereby, without reservation:

- 1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, Convention and non-Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent:
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise:
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct:
- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or

to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance:

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

In testimony of which we have executed this Assignment of Patent Application on the date indicated next to our names.

Michael J. Black

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In testimony of which we have executed this Assignment of Patent Appli	cation on the
date indicated next to our names.	goder - 1
Date:	2/19/13
Alexander W. Weiss	en la constanta de la constanta de
State of	
ss	
County of	
On this day of, 20, before me appeared Alexande	or W Weige to
me known and known to me to be the person described in, and who executed the second se	cuted the
foregoing instrument, and he acknowledged the same to be his free act a	and deed.
	[aaal]
Notary Public	[seal]
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In testimony of which we have execu	ted this Assignment	t of Patent Application	on the
date indicated next to our names.	-	• •	

Date: March 28, 2013

Matthew M. Loper

> PATENT REEL: 058346 FRAME: 0725

RECORDED: 12/09/2021