

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5144711

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ERIC RACHLIN	09/12/2018
NICOLAS HERON	09/14/2018
MATTHEW LOPER	09/13/2018
ALEXANDER WEISS	09/10/2018
XIAOCHEN HU	09/10/2018
THEODORA HINKLE	09/14/2018
MARTIN KRISTIANSEN	09/10/2018
RECEIVING PARTY DATA	
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City:	MUNICH
State/Country:	GERMANY
Postal Code:	80539
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15826503
CORRESPONDENCE DATA	
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<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>	
Phone:	949-760-0404
Email:	efiling@knobbe.com
Correspondent Name:	KNOBBE, MARTENS, OLSON & BEAR, LLP
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Address Line 2:	14TH FLOOR
Address Line 4:	IRVINE, CALIFORNIA 92614
ATTORNEY DOCKET NUMBER:	BDLB.1437A
NAME OF SUBMITTER:	MARIA CULIC ANDERSON
SIGNATURE:	/Maria Culic Anderson/

DATE SIGNED:	09/17/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 12 source=2018-09-14 Partially Executed Formals - BDLB.1437A#page1.tif source=2018-09-14 Partially Executed Formals - BDLB.1437A#page2.tif source=2018-09-14 Partially Executed Formals - BDLB.1437A#page3.tif source=2018-09-14 Partially Executed Formals - BDLB.1437A#page4.tif source=2018-09-14 Partially Executed Formals - BDLB.1437A#page5.tif source=2018-09-14 Partially Executed Formals - BDLB.1437A#page6.tif source=2018-09-14 Partially Executed Formals - BDLB.1437A#page7.tif source=2018-09-14 Partially Executed Formals - BDLB.1437A#page8.tif source=2018-09-14 Partially Executed Formals - BDLB.1437A#page9.tif source=2018-09-14 Partially Executed Formals - BDLB.1437A#page10.tif source=2018-09-14 Partially Executed Formals - BDLB.1437A#page11.tif source=2018-09-14 Partially Executed Formals - BDLB.1437A#page12.tif	

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 15/826,503

Attorney Docket No. BDLB.1437A

Filing Date November 29, 2017

Client Docket No. PM16250-US-ORG1 / MI 5449

PARTIES TO THE ASSIGNMENT

Assignor(s):

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Germany

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Matthew Loper
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Assignee:

Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
Hofgartenstraße 8
80539 Munich
Germany

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

“MACHINE LEARNING SYSTEMS AND METHODS OF ESTIMATING BODY SHAPE FROM IMAGES”

(Invention) for which a non-provisional application for United States Letters Patent (Application):

☒ was filed on November 29, 2017 and accorded U.S. Application No. 15/826,503; or

☐ will be filed concurrently with the submission of this executed PATENT ASSIGNMENT
for recordation.

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

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Title of Invention: MACHINE LEARNING SYSTEMS AND METHODS OF ESTIMATING BODY SHAPE FROM IMAGES

Inventors: **Michael Black, Eric Rachlin, Nicolas Heron, Matthew Loper, Alexander Weiss, Xiaochen Hu, Theodora Hinkle, Martin Kristiansen**

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of Knobbe, Martens, Olson & Bear, LLP, associated with Customer No. 20,995, to insert in the header above and here in parentheses (U.S. Patent Application No. 15/826,503, filed November 29, 2017) this application's U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Nevada, is desirous of acquiring the entire right, title and interest in and to the Invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said Invention and any improvements thereto, said Application and any and all letters patent which may be granted for said Invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all provisional, divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said Application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said Invention, Application and all letters patent on said Invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks, as well as all other applicable patent offices throughout the world, to

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issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said Invention, for litigation regarding said letters patent, or for the purpose of protecting title to said Invention or letters patent therefor.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said letters patent before or after issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Invention or said Application, and testify in any legal proceeding, assist in the preparation of any other patent property relating to the Application and the Invention or any improvements made thereto, sign/execute all lawful papers, provide all requested documents, execute and make all rightful oaths and/or declarations in connection with the Application and the Invention including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain

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and enforce proper patent protection for the Invention in all countries. These provisions are binding upon ASSIGNOR's heirs, legal representatives, administrators, and assigns.

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DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

- ☐ the attached application; or
☒ United States Patent Application number 15/826,503 filed on November 29, 2017; or
☐ 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 above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56.

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

Michael Black

Date

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DocuSigned by:

47F1774D8926412...
Eric Rachlin

September 12, 2018

Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 15/826,503

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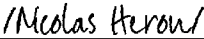
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DocuSigned by:

545EC65770574C5...
Nicolas Heron

September 14, 2018
Date

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DocuSigned by:

1E985671CBFF4A2...
Matthew Loper

September 13, 2018

Date

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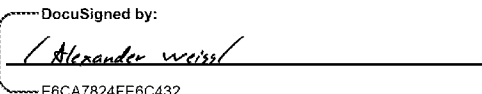
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DocuSigned by:

E6CA7824FE6C432...
Alexander Weiss

September 10, 2018

Date

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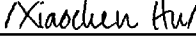
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DocuSigned by:

51B0FB5B58AE403...
Xiaochen Hu

September 10, 2018

Date

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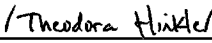
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DocuSigned by:

93AA3EA7E29B4D5...
Theodora Hinkle

September 14, 2018

Date

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DocuSigned by:

92D35419E166442...
Martin Kristiansen

September 10, 2018

Date

27157132