

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7472194

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL JULIAN BLACK	12/12/2018
ERIC RACHLIN	08/04/2022
MATTHEW LOPER	06/15/2022
JONATHAN ROBERT CILLEY	07/15/2022
WILLIAM JOHN O'FARRELL	08/03/2022
ALEXANDER WEISS	07/20/2022
JASON LAWRENCE GELMAN	05/26/2022
STEVEN DOUGLAS HATCH	05/25/2022
NICOLAS HERON	05/31/2022
JAVIER ROMERO GONZALEZ-NICOLAS	07/26/2022

RECEIVING PARTY DATA

Name:	MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.
Street Address:	HOFGARTENSTRASSE 8
City:	MUNICH
State/Country:	GERMANY
Postal Code:	80539

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15913589

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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: 9497600404

Email: efilling@KNOBBE.COM

Correspondent Name: KNOBBE, MARTENS OLSON & BEAR, LLP

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Address Line 2: 14TH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

PATENT

ATTORNEY DOCKET NUMBER:	BDLB.1441A
NAME OF SUBMITTER:	BRYAN MCWHORTER
SIGNATURE:	/Bryan McWhorter/
DATE SIGNED:	08/05/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 14

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PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 15/913,589

Attorney Docket No. BDLB.1441A

Filing Date March 6, 2018

Client Docket No. PM16248-US-ORG1

PARTIES TO THE ASSIGNMENT

Assignor(s):

Michael Julian Black
Hofgartenstraße 8
80539 Munich
Germany

Alexander Weiss
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Javier Romero Gonzalez-Nicolas
Hofgartenstraße 8
80539 Munich
Germany

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 FOR EXTRACTING USER BODY SHAPE FROM
BEHAVIORAL DATA" (Invention) for which a non-provisional application for United States Letters
Patent (Application):

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 15/913,589

Attorney Docket No. BDLB.1441A

Filing Date March 6, 2018

Client Docket No. PM16248-US-ORG1

Title of Invention: MACHINE LEARNING SYSTEMS AND METHODS FOR EXTRACTING USER BODY SHAPE FROM BEHAVIORAL DATA

Inventors: **Michael Julian Black, Eric Rachlin, Matthew Loper, Jonathan Robert Cilley, William John O'Farrell, Alexander Weiss, Jason Lawrence Gelman, Steven Douglas Hatch, Nicolas Heron, Javier Romero Gonzalez-Nicolas**

- was filed on March 6, 2018 and accorded U.S. Application No. 15/913,589; or
- will be filed concurrently with the submission of this executed PATENT ASSIGNMENT for recordation.

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of Knobbe, Martens, Olson & Bear, LLP, associated with Customer No. 79,502, to insert in the header above and here in parentheses (U.S. Patent Application No. 15/913,589, filed March 6, 2018) this application's U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the country of Germany, 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

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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 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

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U.S. Patent Appln. No. 15/913,589

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

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

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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 15/913,589 filed on March 6, 2018; 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 Julian Black

Dec 12, 2018

Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

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Eric Rachlin

August 4th, 2022
Date

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Attorney Docket No. BDLB.1441A

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Matthew Loper

June 15, 2022

Date

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Attorney Docket No. BDLB.1441A

Filing Date March 6, 2018

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This declaration is directed to:

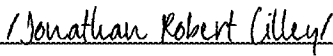
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DocuSigned by:

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Jonathan Robert Cilley

July 15, 2022

 Date

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William John O'Farrell

August 3, 2022

Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appin. No. 15/913,589

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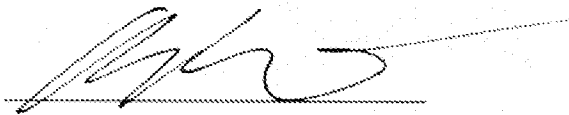
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Alexander Weiss

20 July 2022
Date

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U.S. Patent Appln. No. 15/913,589

Attorney Docket No. BDLB.1441A

Filing Date March 6, 2018

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DocuSigned by:

 52BBF7A7AE64436...

Jason Lawrence Gelman

May 26, 2022

Date

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DocuSigned by:

 523D3F89618F417...

Steven Douglas Hatch

May 25, 2022

 Date

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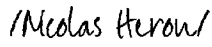
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DocuSigned by:

 545EC65770574C5...

Nicolas Heron

May 31, 2022

 Date

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Javier Romero Gonzalez-Nicolas

07/26/2022

Date