PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6268463

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FAN ZHANG	08/19/2020
FRANK JING	08/20/2020
GUANHAO WEI	08/17/2020
LI ZHOU	08/19/2020
LISHAN FENG	08/19/2020
LYNN LU	08/19/2020
YUNLONG WANG	08/19/2020
EMILY ZHAO	08/19/2020
YILIAN YUAN	08/19/2020

RECEIVING PARTY DATA

Name:	IQVIA INC.
Street Address:	83 WOOSTER HEIGHTS ROAD
City:	DANBURY
State/Country:	CONNECTICUT
Postal Code:	06810

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17003127

CORRESPONDENCE DATA

Fax Number:

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: 7328891500
Email: mlgdocketing@mlgiplaw.com
Correspondent Name: MALDJIAN LAW GROUP LLC
Address Line 1: 106 APPLE STREET
Address Line 2: SUITE 200N
Address Line 4: TINTON FALLS, NEW JERSEY 07724

ATTORNEY DOCKET NUMBER:	I158
NAME OF SUBMITTER:	LISA BIANCO

SIGNATURE:	/lisabianco/
DATE SIGNED:	08/26/2020

Total Attachments: 18
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ASSIGNMENT OF U.S. PATENT APPLICATION

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned:

Guanhao Wei, Yunlong Wang, Li Zhou, Lynn Lu, Emily Zhao, Lishan Feng, Fan Zhang, Frank Jing, Yilian Yuan

hereby sell(s), assign(s), and transfer(s) to:

IQVIA Inc.

a corporation having a place of business at 83 Wooster Heights Road, Danbury, Connecticut, 06810 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to the invention, and any and all improvements thereof, entitled:

LIFELONG MACHINE LEARNING (LML) MODEL FOR PATIENT SUBPOPULATION IDENTIFICATION USING REAL-WORLD HEALTHCARE DATA

which was filed on August 26, 2020 as United States Application No. 17/003,127; and

agrees said Assignee may apply for and receive a patent or patents for said invention in the United States and foreign countries/regions, and improvements thereof, in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all documents associated with all original applications, divisional applications, continuation applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said invention and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said invention and improvements and for vesting title to said improvements, and all applications for patents and all patents on said invention and improvements, in said Assignee, its successors, assigns, and legal representatives;

covenants with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned; and

Please Sign and Date Below:

Date	Name: Guanhao Wei
Date	Name: Yunlong Wang

PATENT
REEL: 053602 FRAME: 0304

ASSIGNMENT OF U.S. PATENT APPLICATION

Date	Name: Li Zhou
Date	Name: Lynn Lu
Date	Name: Emily Zhao
Date	Name: Lishan Feng
August 19, 2020 Date	Fan Zhang Name: Fan Zhang
Date	Name: Frank Jing
Date	Name: Yilian Yuan

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Please Sign and Date Below:

_____ _____

Date Name: Guanhao Wei

_____ _____

Date Name: Yunlong Wang

PATENT
REEL: 053602 FRAME: 0306

ASSIGNMENT OF U.S. PATENT APPLICATION

Date	Name: Li Zhou
Date	Name: Lynn Lu
Date	Name: Emily Zhao
Date	Name: Lishan Feng
Date	Name: Fan Zhang
08/20/2020 Date	Frank Jing Name: Frank Jing
Date	Name: Yilian Yuan

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Please Sign and Date Below:

08/17/2020
Date

Guanhao Wei
Name: Guanhao Wei

Date

Name: Yunlong Wang

PATENT
REEL: 053602 FRAME: 0308

ASSIGNMENT OF U.S. PATENT APPLICATION

Date	Name: Li Zhou
Date	Name: Lynn Lu
Date	Name: Emily Zhao
Date	Name: Lishan Feng
Date	Name: Fan Zhang
Date	Name: Frank Jing
Date	Name: Yilian Yuan

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Please Sign and Date Below:

Date	Name: Guanhao Wei
Date	Name: Yunlong Wang

PATENT
REEL: 053602 FRAME: 0310

ASSIGNMENT OF U.S. PATENT APPLICATION

8/19/20	
Date	Name: Li Zhou
Date	Name: Lynn Lu
Date	Name: Emily Zhao
Date	Name: Lishan Feng
Date	Name: Fan Zhang
Date	Name: Frank Jing
Date	Name: Yilian Yuan

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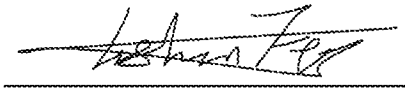
Please Sign and Date Below:

Date	Name: Guanhao Wei
Date	Name: Yunlong Wang

PATENT
REEL: 053602 FRAME: 0312

ASSIGNMENT OF U.S. PATENT APPLICATION

Date	Name: Li Zhou
Date	Name: Lynn Lu
Date	Name: Emily Zhao
08/19/2020 Date	 Name: Lishan Feng
Date	Name: Fan Zhang
Date	Name: Frank Jing
Date	Name: Yilian Yuan

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_____ Date

_____ Name: Guanhao Wei

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_____ Name: Yunlong Wang

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Date	Name: Li Zhou
August 19, 2020 Date	Name: Lynn Lu
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Please Sign and Date Below:

Date	Name: Guanhao Wei
08-19-2020	Yunlong Wang
Date	Name: Yunlong Wang

PATENT
REEL: 053602 FRAME: 0316

ASSIGNMENT OF U.S. PATENT APPLICATION

Date	Name: Li Zhou
Date	Name: Lynn Lu
Date	Name: Emily Zhao
Date	Name: Lishan Feng
Date	Name: Fan Zhang
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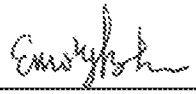
Please Sign and Date Below:

Date	Name: Guanhao Wei
Date	Name: Yunlong Wang

PATENT
REEL: 053602 FRAME: 0318

ASSIGNMENT OF U.S. PATENT APPLICATION

Date	Name: Li Zhou
Date	Name: Lynn Lu
8/19/2020 Date	 Name: Emily Zhao
Date	Name: Lishan Feng
Date	Name: Fan Zhang
Date	Name: Frank Jing
Date	Name: Yilian Yuan

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Date	Name: Guanhao Wei
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Date	Name: Li Zhou
Date	Name: Lynn Lu
Date	Name: Emily Zhao
Date	Name: Lishan Feng
Date	Name: Fan Zhang
Date	Name: Frank Jing
08/19/2020 Date	Yilian Yuan Name: Yilian Yuan