506714111 06/14/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OLIVIER CAELEN	03/10/2020
LIYUN HE-GUELTON	01/10/2020
PIERRE-EDOUARD PORTIER	01/10/2020
MICHAEL GRANITZER	01/10/2020
KONSTANTIN ZIEGLER	05/31/2021
JOHANNES JURGOVSKY	01/10/2020

RECEIVING PARTY DATA

Name:	WORLDLINE	
Street Address:	IMMEUBLE RIVER OUEST, 80 QUAI VOLTAIRE	
City:	BEZONS	
State/Country:	FRANCE	
Postal Code:	95870	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16632267	

CORRESPONDENCE DATA

Fax Number: (703)518-5499

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: 7036841111

Email: rangroup@ipfirm.com HAUPTMAN HAM, LLP **Correspondent Name:** Address Line 1: 2318 MILL ROAD

Address Line 2: **SUITE 1400**

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 1013-150 RANDY A. NORANBROCK NAME OF SUBMITTER: **SIGNATURE:** /RANDY A. NORANBROCK/ **DATE SIGNED:** 06/14/2021

PATENT REEL: 056535 FRAME: 0819 506714111

Total Attachments: 2

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> PATENT REEL: 056535 FRAME: 0820

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- 1) Olivier CAELEN
- 2) Liyun HE-GUELTON
- 3) Pierre-Edouard PORTIER
- 4) Michael GRANITZER
- 5) Konstantin ZIEGLER
- 6) Johannes JURGOVSKY

who has made a certain new and useful invention, hereby sells, assigns and transfers unto **WORLDLINE**, having a place of business at Immeuble River Ouest, 80 quai Voltaire, 95870 BEZONS, FRANCE

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

MACHINE LEARNING SYSTEM FOR VARIOUS COMPUTER APPLICATIONS

- (a) for which an application for United States Letters Patent was filed on <u>January 17, 2020</u>, and identified by United States Patent Application No. <u>16/632,267</u>; or
- (b) for which an application for United States Letters Patent was executed on _____

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:	W W 250
	10/03/2020
Name: Olivier CAELEN	Date:
2) Orthon	10/01/2020
Name: Liyon HE-GUELTON	Date: 10/01/2020
Name Pierre-Edouard PORTIER 4)	Date: 10/01/2020
Name: Michael GRANITZER 5)	Date:
Name: Konstantin ZIEGLER	Date:
6 T - 21	10/01/2020
Name: Johannes JURGOVSKY	Date:

PATENT REEL: 056535 FRAME: 0821

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- 1) Olivier CAELEN
- 2) Liyun HE-GUELTON
- 3) Pierre-Edouard PORTIER
- 4) Michael GRANITZER
- 5) Konstantin ZIEGLER
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AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1)	
Name: Olivier CAELEN	Date:
2)	
Name: Liyun HE-GUELTON	Date:
3)	
3) Name: Pierre-Edouard PORTIER	Date:
4)	
Name: Michael GRANITZER	Date;
5) 3 de	31.05.2021
5) Name: Konstantin ZIEGLER	Date:
6)	
Name: Johannes JURGOVSKY	Date:

PATENT REEL: 056535 FRAME: 0822

RECORDED: 06/14/2021