

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7237160

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PANFENG ZHOU	03/04/2020
VIVEK KANDIYANALLUR	03/04/2020
COLIN FLORENDO	03/10/2020
ROBERT SCHULZE	03/05/2020
ZHENG-WEI SHE	03/04/2020
YANHONG WANG	03/07/2020
AMARNADH SAI ELURI	03/04/2020
RECEIVING PARTY DATA	
Name:	SAP SE
Street Address:	DIETMAR-HOPP-ALLEE 16
City:	WALLDORF
State/Country:	GERMANY
Postal Code:	96190
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17699747
CORRESPONDENCE DATA	
Fax Number:	(202)371-2540
<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:	2023712600
Email:	pdomally@sternekessler.com
Correspondent Name:	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
Address Line 1:	1100 NEW YORK AVENUE, NW
Address Line 4:	WASHINGTON, D.C. 20005
ATTORNEY DOCKET NUMBER:	1933.5930001
NAME OF SUBMITTER:	HARISH RUCHANDANI
SIGNATURE:	/Harish Ruchandani, Reg. No. 58,770/
DATE SIGNED:	03/22/2022

Total Attachments: 7

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Attorney Dkt. No. 1933.5930000 / 190263US01

ASSIGNMENT

For valuable consideration, I, **Panfeng Zhou**,

hereby assign to

SAP SE, a corporation of Europe having a place of business at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany

and its successors, and assigns (collectively, the ASSIGNEE) my entire right, title and interest throughout the world in the inventions and improvements in a patent document entitled:

DATA ACCESS AND RECOMMENDATION SYSTEM

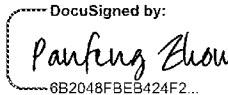
which is found in the:

US patent application filed on:

under Application No.

I authorize and request the attorneys of record or the attorney filing the application to insert into this assignment the filing date and serial number of the application when known. This assignment includes the foregoing patent application or patent, as well as continuations and divisionals of said application, all legal equivalents in any country, and all patents issuing from such legal equivalents; all patents, utility models, and design registrations granted by any jurisdiction for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements. I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment. I hereby state and agree that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that would conflict with this assignment. I further agree for myself and my heirs, legal representatives, and assigns to provide to the Assignee promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions and improvements or said patents and legal equivalents as may be known and accessible to me and to testify as to the same in any interference, litigation, or proceeding relating thereto; and I agree promptly to perform such lawful acts and to sign such further applications, assignments, statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Inventor's Signature:

DocuSigned by:

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3/4/2020

Panfeng Zhou

Attorney Dkt. No. 1933.5930000 / 190263US01

ASSIGNMENT

For valuable consideration, I, **Vivek Kandiyannallur**,

hereby assign to

SAP SE, a corporation of Europe having a place of business at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany

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Inventor's Signature:

DocuSigned by:
Vivek Kandiyannallur
AB4F1EF2139F4F9...

3/4/2020

Vivek Kandiyannallur

Attorney Dkt. No. 1933.5930000 / 190263US01

ASSIGNMENT

For valuable consideration, I, **Colin Florendo**,

hereby assign to

SAP SE, a corporation of Europe having a place of business at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany

and its successors, and assigns (collectively, the ASSIGNEE) my entire right, title and interest throughout the world in the inventions and improvements in a patent document entitled:

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Inventor's Signature:

DocuSigned by:
Colin Florendo
0DC8342AC20146B...

3/10/2020

Colin Florendo

Attorney Dkt. No. 1933.5930000 / 190263US01

ASSIGNMENT

For valuable consideration, I, **Robert Schulze**,

hereby assign to

SAP SE, a corporation of Europe having a place of business at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany

and its successors, and assigns (collectively, the ASSIGNEE) my entire right, title and interest throughout the world in the inventions and improvements in a patent document entitled:

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Inventor's Signature:

DocuSigned by:
Robert Schulze
BAAABF4189F942A...

3/5/2020

Robert Schulze

Attorney Dkt. No. 1933.5930000 / 190263US01

ASSIGNMENT

For valuable consideration, I, **Zheng-wei She**,
hereby assign to

SAP SE, a corporation of Europe having a place of business at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany

and its successors, and assigns (collectively, the ASSIGNEE) my entire right, title and interest throughout the world in the inventions and improvements in a patent document entitled:

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Inventor's Signature:

DocuSigned by:
Zheng-wei She
D4053FE1603D4B4...

3/4/2020

Zheng-wei She

Attorney Dkt. No. 1933.5930000 / 190263US01

ASSIGNMENT

For valuable consideration, I, **Yanhong Wang**,

hereby assign to

SAP SE, a corporation of Europe having a place of business at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany

and its successors, and assigns (collectively, the ASSIGNEE) my entire right, title and interest throughout the world in the inventions and improvements in a patent document entitled:

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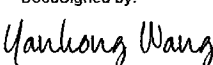
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Inventor's Signature:

DocuSigned by:

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3/7/2020

Yanhong Wang

Attorney Dkt. No. 1933.5930000 / 190263US01

ASSIGNMENT

For valuable consideration, I, **Amarnadh Sai Euri**,

hereby assign to

SAP SE, a corporation of Europe having a place of business at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany

and its successors, and assigns (collectively, the ASSIGNEE) my entire right, title and interest throughout the world in the inventions and improvements in a patent document entitled:

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Inventor's Signature:

DocuSigned by:
Amarnadh Sai Euri
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3/4/2020

Amarnadh Sai Euri

PATENT

RECORDED: 03/22/2022

REEL: 059339 FRAME: 0604