505331140 02/15/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5377921

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RASHMI SHETTY B	02/12/2019
LEONARD BRZEZINSKI	02/12/2019
LAUREN MCMULLEN	02/12/2019
HARPREET SINGH	02/13/2019
KARTHIK MOHAN MOKASHI	02/12/2019
SIMON LEE	02/12/2019
LUKAS CARULLO	02/12/2019
MARTIN WEISS	02/13/2019
PATRICK BROSE	02/12/2019
ANUBHAV BHATIA	02/12/2019

RECEIVING PARTY DATA

Name:	SAP SE
Street Address:	DIETMAR-HOPP-ALLEE 16
City:	WALLDORF
State/Country:	GERMANY
Postal Code:	D-69190

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16276876

CORRESPONDENCE DATA

Fax Number: (203)972-7627

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: 203-972-0006

Email: venuto@bmtpatent.com, colabella@bmtpatent.com

Correspondent Name: BUCKLEY, MASCHOFF & TALWALKAR LLC

Address Line 1: 50 LOCUST AVENUE

Address Line 4: NEW CANAAN, CONNECTICUT 06840

ATTORNEY DOCKET NUMBER: 181084US02 (S23.265)

PATENT REEL: 048343 FRAME: 0451

505331140

NAME OF SUBMITTER:	NICHOLAS M. STABLER	
SIGNATURE:	/NMS/	
DATE SIGNED:	02/15/2019	
Total Attachments: 10		
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PATENT REEL: 048343 FRAME: 0452

ASSIGNMENT

For valuable consideration, I, Rashmi Shetty B,

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:

PREDICTING LEADING INDICATORS OF AN EVENT

which is found in the:

US patent application filed on: February 15, 2019

under Application No. 16/276,876

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 neirs, 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:

Rashmi Shetty B

2/12/2019

ASSIGNMENT

For valuable consideration, I, Leonard Brzezinski,

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: Lonard Bryezinski 2/12/2019

ASSIGNMENT

For valuable consideration, I, Lauren McMullen,

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: 2/12/2019

Lauren McMullen 2/12/2019

ASSIGNMENT

For valuable consideration, I, Harpreet Singh,

hereby assign to

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Inventor's Signature: Harpret Single 2/13/2019

Harpreet Singh

ASSIGNMENT

For valuable consideration, I, Karthik Mohan Mokashi,

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:

kartlik Mohan Mokashi

2/12/2019

Karthik Mohan Mokashi

ASSIGNMENT

For valuable consideration, I, Simon Lee,

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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	DocuSigned by:	
nventor's Signature:	Simon lu	2/12/2019
	Simon Lee	-

ASSIGNMENT

For valuable consideration, I, Lukas Carullo,

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: Lukas Carullo 2/12/2019

Lukas Carullo 2/12/2019

ASSIGNMENT

For valuable consideration, I, Martin Weiss,

hereby assign to

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Inventor's Signature:

Martin Weiss

2/13/2019

Martin Weiss

ASSIGNMENT

For valuable consideration, I, Patrick Brose,

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: | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/12/2019 | | 2/

ASSIGNMENT

For valuable consideration, I, Anubhav Bhatia,

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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Anublian Bhatia Inventor's Signature: 2/12/2019 Anubhav Bhatia

PATENT REEL: 048343 FRAME: 0462

RECORDED: 02/15/2019