

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5172145

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	WALTER MAK	09/12/2018
	STEFFEN KOETTE	10/03/2018
	TSZ HONG SUNG	09/13/2018
	YAHUI KE	09/20/2018
	NATHAN WANG	09/12/2018
	SANAM NARULA	09/12/2018
	SHOU-CHIEH CHAO	09/12/2018
RECEIVING PARTY DATA		
Name:	SAP SE	
Street Address:	DIETMAR-HOPP-ALLEE 16	
City:	WALLDORF	
State/Country:	GERMANY	
Postal Code:	69190	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16151183
CORRESPONDENCE DATA		
Fax Number:		
<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:	408-244-6319	
Email:	docketing@fountainheadlaw.com	
Correspondent Name:	FOUNTAINHEAD LAW GROUP P.C. CHAD R. WALSH	
Address Line 1:	900 LAFAYETTE STREET	
Address Line 2:	SUITE 301	
Address Line 4:	SANTA CLARA, CALIFORNIA 95050	
ATTORNEY DOCKET NUMBER:	000005-071000US	
NAME OF SUBMITTER:	CHAD R. WALSH	
SIGNATURE:	/Chad R. Walsh/	
DATE SIGNED:	10/03/2018	

PATENT

Total Attachments: 8

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Attorney Dkt. No. / 180736US01

ASSIGNMENT

For valuable consideration, I, **Walter Mak**,
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:

PENDING ON A MOBILE DEVICE

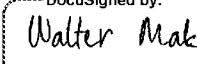
which is found in the:

US patent application filed on: October 3, 2018

under Application No. 16/151,183

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:

B9D3FCBEC1F04DF...
Walter Mak

9/12/2018

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Steffen Koette, hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **RENDERING ON A MOBILE DEVICE**
Application No. 16/151,183
Filing Date: October 3, 2018

WHEREAS, **SAP SE**, located at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorize and request Fountainhead Law Group P.C., 900 Lafayette Street, Suite 301, Santa Clara, CA 95050, to insert herein above the application number and filing date of said application when known

Assignment
Attorney Docket No.: 000005-071000US
Page 2 of 2

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Dated: Oct 3, 2012



Steffen Koette

Attorney Dkt. No. / 180736US01

ASSIGNMENT

For valuable consideration, I, **Tsz Hong Sung**,

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:

SENDING ON A MOBILE DEVICE

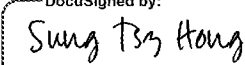
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Inventor's Signature:

DocuSigned by:

89A00C28C165407...
Tsz Hong Sung

9/13/2018

Attorney Dkt. No. / 180736US01

ASSIGNMENT

For valuable consideration, I, **Yahui Ke**,
hereby assign to

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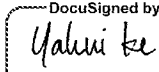
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Inventor's Signature:

DocuSigned by:

Yahui Ke 66B0FB11DB1048D...

9/20/2018

Attorney Dkt. No. / 180736US01

ASSIGNMENT

For valuable consideration, I, **Nathan 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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Inventor's Signature:

DocuSigned by:
Nathan Wang
E103EC8F5231430...
Nathan Wang

9/12/2018

Attorney Dkt. No. / 180736US01

ASSIGNMENT

For valuable consideration, I, **Sanam Narula**,
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:
Sanam Narula
-----DCD91EB49D1A42F...
Sanam Narula

9/12/2018

Attorney Dkt. No. / 180736US01

ASSIGNMENT

For valuable consideration, I, **Shou-Chieh Chao**,

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:
Shou-Chieh Chao
C67744AA9E64F0...
Shou-Chieh Chao

9/12/2018