505195594 11/16/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5242363

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PABLO ROISMAN	11/09/2018
ITAI FONIO	11/09/2018
YARON LIVNEH	11/10/2018
ARI LULU	11/09/2018

RECEIVING PARTY DATA

Name:	SAP PORTALS ISRAEL LTD.	
Street Address:	15 HATIDHAR STREET	
City:	RA'ANANA	
State/Country:	ISRAEL	
Postal Code:	43665	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16186181

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: (214) 747-5070 **Email:** APSI@fr.com

Correspondent Name: FISH & RICHARDSON P.C.

Address Line 1: P.O. BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	22135-1319001	
NAME OF SUBMITTER:	CANDICE R. ROCKETT	
SIGNATURE:	/Candice R. Rockett/	
DATE SIGNED:	11/16/2018	

Total Attachments: 4

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PATENT 505195594 REEL: 047531 FRAME: 0440

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ASSIGNMENT

For valuable consideration, I, Pablo Roisman,

hereby assign to

SAP PORTALS ISRAEL LTD., a corporation of Israel having a place of business at 15 HATIDHAR STREET, RA'ANANA 43665, ISRAEL

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:

AUTOMATIC DEVELOPMENT OF A SERVICE-SPECIFIC CHATBOT

which is found in the:

US patent application filed on: November 9, 2018

under Application No. 16/186,181

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:

Pablo Roisman

11/9/2018

Pablo Roisman

ASSIGNMENT

For valuable consideration, I, Itai Fonio,

hereby assign to

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Inventor's Signature: 11/9/2018

ASSIGNMENT

For valuable consideration, I, Yaron Livneh,

hereby assign to

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Inventor's Signature:

| Uaron Live | 11/10/2018 | Yaron Live | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/2018 | 11/10/

ASSIGNMENT

For valuable consideration, I, Ari Lulu,

hereby assign to

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> PATENT REEL: 047531 FRAME: 0445

RECORDED: 11/16/2018