505131241 10/08/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER LESNER	09/21/2018
ALEXANDER SHALOM RAN	09/21/2018
MARKO SASA RUKONIC	09/21/2018
WEI WANG	09/21/2018

RECEIVING PARTY DATA

Name:	INTUIT INC.
Street Address:	2700 COAST AVENUE
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16144863

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	37202/770001
NAME OF SUBMITTER:	ROBERT P. LORD
SIGNATURE:	/Robert P. Lord/
DATE SIGNED:	10/08/2018

Total Attachments: 2

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PATENT 505131241 REEL: 047096 FRAME: 0161



ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

Intuit Inc.

having the following address:

2700 Coast Avenue Mountain View, California 94043

(referred to herein as "COMPANY"), its successors and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title (referred to herein as "INVENTION"):

TRANSLATING TRANSACTION DESCRIPTIONS USING MACHINE LEARNING

for which the INVENTOR(S) or COMPANY has/have made an application for patent in the United States of America, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) that may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

- To sign and execute any further documents that may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
- To execute all papers and documents and to perform all lawful acts that may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
- To perform all lawful affirmative acts that may be necessary to obtain the grant of valid and enforceable patents to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of FERGUSON BRASWELL FRASER KUBASTA PC the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

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IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned INVENTOR(S) on the date appearing by such individual's signature:

Sep 21, 2018	1st Inventor Signature:	Christopher Lesher Christopher Warrier (Sep. 23, 2018)
Date	Print or Type Name:	Christopher Lesner
Sep 21, 2018	2nd Inventor Signature:	Alex Ran Alex Ran (Sep 23, 2018)
Date	Print or Type Name:	Alexander Shalom Ran
Sep 21, 2018	3rd Inventor Signature:	<i>Marko Rukonio</i> Marko Bukonic (Sep 21, 2018)
Date	Print or Type Name:	Marko Sasa Rukonic
Sep 21, 2018	4 th Inventor Signature:	wee wang
Date	Print or Type Name:	Wei Wang

When this Assignment is <u>not</u> filed concurrently with the patent application, the following identifying information may be added <u>after</u> execution:

U.S. Application Serial No.: 16/144,863 Filing Date: 09/27/2018

> PATENT REEL: 047096 FRAME: 0163

RECORDED: 10/08/2018