#### 505171941 11/01/2018

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5218709

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JOHN ROBERT HUDSON MISKO	11/03/2017
ALEXANDER FRANCIS WOODHOUSE	11/03/2017
FREDERICK STEPHENSON ACKROYD	11/03/2017

#### **RECEIVING PARTY DATA**

Name:	AM MOBILEAPPS, LLC
Street Address:	3707 43RD AVE NE
City:	SEATTLE
State/Country:	WASHINGTON
Postal Code:	98105

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16178449

#### CORRESPONDENCE DATA

Fax Number: (503)595-7301

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: 503-595-7300

Email: campbell@allemanhall.com

ALLEMAN HALL CREASMAN & TUTTLE LLP **Correspondent Name:** 

Address Line 1: 900 SW 5TH AVENUE

Address Line 2: **SUITE 2300** 

Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	AMM17301CON
NAME OF SUBMITTER:	LYDIA CAMPBELL
SIGNATURE:	/Lydia Campbell/
DATE SIGNED:	11/01/2018

#### **Total Attachments: 3**

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> **PATENT** REEL: 047388 FRAME: 0865 505171941

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) WITH ASSIGNMENT

Title of

Invention:	MACHINE-LEARNING BASED OUTCOME OPTIMIZATION
As the below named	inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international application number filed on
min a distribution of the second of the seco	
ine above-identified	application was made or authorized to be made by me.
I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.
	neys at Alleman Hall Creasman & Tuttle LLP (Customer Number 145327) to insert the filing date, and attorney docket number of the above identified application when known.
	ge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by it of not more than five (5) years, or both.
NE, Seattle, WA 981 NOW, THEREFOR, have sold, assigned, exclusive right to the countries, and the e United States and its reissues, continuation I hereby authorize any and all of said Leto the same, for the Further, I agree the invention, and testif renewal and reissue issued to ASSIGNEE,	obileApps, LLC, ("ASSIGNEE"), a Limited Liability Company, having a place of business at 3707 43rd Ave 05 is desirous of acquiring an interest therein; for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and a above-identified invention in the United States and its territorial possessions and in all foreign intire right, title and interest in and to any and all Letters Patent which may be granted therefor in the sterritorial possessions and in any and all foreign countries, and in and to any and all divisions, one and extensions thereof.  If and request the Patent Office officials in the United States and any and all foreign countries to issue exters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and sole use of the ASSIGNEE, its successors and assigns.  If I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said y in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and denforce proper protection for said invention in the United States and in any and all foreign
LEGAL NAME OF INV	ENTOR
Inventor: John	Robert Hudson Misko Date: 11 - 3 - 17
Signature:	Rolf Under Mich
V	ATTY DOCKET NO.: AMM17301CON
	Alleman Hall Creasman & Tuttle LLP

Alleman Hall Creasman & Tuttle LLP 851 SW 6th Ave., Ste. 525 Portland, OR 97204

PATENT REEL: 047388 FRAME: 0866

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) WITH ASSIGNMENT

Title of	
Invention:	MACHINE-LEARNING BASED OUTCOME OPTIMIZATION
As the below named inventor, I hereby declare that:	
This declaration is directed to:	The attached application, or
	United States application or PCT international application number filed on
The above-identified	d application was made or authorized to be made by me.
I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.
	neys at Alleman Hall Creasman & Tuttle LLP (Customer Number 145327) to insert the filing date, and attorney docket number of the above identified application when known.
	ge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by at of not more than five (5) years, or both.
WHEREAS, AM MobileApps, LLC, ("ASSIGNEE"), a Limited Liability Company, having a place of business at 3707 43 <sup>rd</sup> Ave NE, Seattle, WA 98105 is desirous of acquiring an interest therein;  NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive right to the above-identified invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and extensions thereof.  I hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the same, for the sole use of the ASSIGNEE, its successors and assigns.  Further, I agree that I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to ASSIGNEE, make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.	
LEGAL NAME OF IN	/ENTOR
Inventor: Ale	xander Francis Woodhouse Date: 11/3/2017
Signature:	Min les
	ATTY DOCKET NO.: AMM17301CON

Alleman Hall Creasman & Tuttle LLP 851 SW 6th Ave., Ste. 525 Portland, OR 97204

PATENT REEL: 047388 FRAME: 0867

### DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) WITH ASSIGNMENT

Title of Invention:	MACHINE-LEARNING BASED OUTCOME OPTIMIZATION	
	d inventor, I hereby declare that:	
This declaration is directed to:	☐ The attached application, or	
	United States application or PCT international application number filed on	
	······································	
The above-identifie	d application was made or authorized to be made by me.	
I believe that I am t	ne original inventor or an original joint inventor of a claimed invention in the application.	
	I authorize the attorneys at Alleman Hall Creasman & Tuttle LLP (Customer Number 145327) to insert the filing date, application number, and attorney docket number of the above identified application when known.	
I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
WHEREAS, AM MobileApps, LLC, ("ASSIGNEE"), a Limited Liability Company, having a place of business at 3707 43rd Ave NE, Seattle, WA 98105 is desirous of acquiring an interest therein;  NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive right to the above-identified invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and extensions thereof.  I hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the same, for the sole use of the ASSIGNEE, its successors and assigns.  Further, I agree that I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to ASSIGNEE, make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.		
LEGAL NAME OF IN	LEGAL NAME OF INVENTOR	
Inventor: Fre	derick Stephenson Ackroyd Date: Nov 3, 2017	
Signature:	<u> </u>	
	ATTY DOCKET NO.: AMM17301CON	

Alleman Hall Creasman & Tuttle LLP 851 SW 6th Ave., Ste. 525 Portland, OR 97204

PATENT REEL: 047388 FRAME: 0868

**RECORDED: 11/01/2018**