506001953 04/06/2020

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6048663

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAMUEL NATHAN HALLMAN	04/01/2020
TIAN LAN	03/30/2020
HUI LIANG	03/30/2020
GERARD GUY MEDIONI	03/30/2020
KOSTIA ROBERT	03/31/2020

RECEIVING PARTY DATA

Name:	AMAZON TECHNOLOGIES, INC.
Street Address:	PO BOX 81226
City:	SEATTLE
State/Country:	WASHINGTON
Postal Code:	98108-1226

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16841289

CORRESPONDENCE DATA

Fax Number: (206)430-5115

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ATTORNEY DOCKET NUMBER:	110.0952-US-ORG1	
NAME OF SUBMITTER:	RICHARD TWILLEY	
SIGNATURE:	/Richard Twilley/	
DATE SIGNED: 04/06/2020		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 9

PATENT REEL: 052323 FRAME: 0489

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source=2020-04-06 P68413-US01 110.0952-US-ORG1 Fully Executed Combined Declaration and Assignment - Copy#page1.tif

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source=2020-04-06 P68413-US01 110.0952-US-ORG1 Fully Executed Combined Declaration and Assignment - Copy#page9.tif

U.S. Patent Appln. No. <u>16/841,289</u> Attorney Docket No. 110.0952-US-ORG1 Filing Date 04/06/2020Client Docket No. P68413-US01 PARTIES TO THE ASSIGNMENT Assignor(s): Samuel Nathan Hallman 410 Terry Avenue North Seattle, WA 98109-5210 Tian Lan 410 Terry Avenue North Seattle, WA 98109-5210 Hui Liang 410 Terry Avenue North Seattle, WA 98109-5210 Gerard Guy Medioni 410 Terry Avenue North Seattle, WA 98109-5210 Kostia Robert 410 Terry Avenue North Seattle, WA 98109-5210 Assignee: Amazon Technologies, Inc. PO Box 81226 Seattle, WA 98108-1226 <u>AGREEMENT</u> WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "LOCALLY AND GLOBALLY LOCATING ACTORS BY DIGITAL CAMERAS AND MACHINE LEARNING" (Invention) for which a non-provisional application for United States Letters Patent (Application): was filed on _____ and accorded U.S. Application No. _____; or

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for recordation.

will be filed concurrently with the submission of this executed PATENT ASSIGNMENT

U.S. Patent Appln. No. 16/841,289

Attorney Docket No. 110.0952-US-ORG1

Filing Date 04/06/2020

Client Docket No. P68413-US01

Title of Invention: LOCALLY AND GLOBALLY LOCATING ACTORS BY DIGITAL CAMERAS AND

MACHINE LEARNING

Inventors: Samuel Nathan Hallman, Tian Lan, Hui Liang, Gerard Guy Medioni, Kostia Robert

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of

Athorus, PLLC, associated with Customer No. 136715, to insert in the header above and here in

parentheses (U.S. Patent Application No. 16/841,289, filed 04/06/2020) this application's U.S.

application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Nevada, is desirous of acquiring the

entire right, title and interest in and to the Invention and in and to any letters patent that may be

granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which

is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its

successors and assigns, the entire right, title and interest in and to said Invention and any

improvements thereto, said Application and any and all letters patent which may be granted for

said Invention in the United States of America and its territorial possessions and in any and all

foreign countries, and in any and all provisional, divisions, reissues, re-examinations and

continuations thereof, including the right to file foreign applications directly in the name of

ASSIGNEE and to claim priority rights deriving from said Application to which said foreign

applications are entitled by virtue of international convention, treaty or otherwise, said Invention,

Application and all letters patent on said Invention to be held and enjoyed by ASSIGNEE and its

successors and assigns for their use and benefit and of their successors and assigns as fully and

entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment,

transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner

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U.S. Patent Appln. No. 16/841,289

Attorney Docket No. 110.0952-US-ORG1

Filing Date <u>04/06/2020</u>

Client Docket No. P68413-US01

Title of Invention: LOCALLY AND GLOBALLY LOCATING ACTORS BY DIGITAL CAMERAS AND

MACHINE LEARNING

Inventors: Samuel Nathan Hallman, Tian Lan, Hui Liang, Gerard Guy Medioni, Kostia Robert

of Patents and Trademarks, as well as all other applicable patent offices throughout the world, to

issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S) agree to execute all

instruments and documents required for the making and prosecution of applications for United

States and foreign letters patent on said Invention, for litigation regarding said letters patent, or

for the purpose of protecting title to said Invention or letters patent therefor.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its

successors, legal representatives, and assigns all claims for damages and all remedies arising out

of any violation of the rights assigned hereby that may have accrued prior to the date of

assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue

for, collect, and retain damages for past infringements of said letters patent before or after

issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will communicate

to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR

respecting the Invention or said Application, and testify in any legal proceeding, assist in the

preparation of any other patent property relating to the Application and the Invention or any

improvements made thereto, sign/execute all lawful papers, provide all requested documents,

execute and make all rightful oaths and/or declarations in connection with the Application and

the Invention including any improvements made thereto, any patent applications filed therefrom,

and any continuing application filed from any of the aforementioned applications, and generally

do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain

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U.S. Patent Appln. No. <u>16/841,289</u>

Attorney Docket No. 110.0952-US-ORG1

Filing Date <u>04/06/2020</u>

Client Docket No. P68413-US01

Title of Invention: LOCALLY AND GLOBALLY LOCATING ACTORS BY DIGITAL CAMERAS AND MACHINE LEARNING

Inventors: Samuel Nathan Hallman, Tian Lan, Hui Liang, Gerard Guy Medioni, Kostia Robert

and enforce proper patent protection for the Invention in all countries. These provisions are binding upon ASSIGNOR's heirs, legal representatives, administrators, and assigns.

U.S. Patent Appln. No. <u>16/841,289</u>	Attorney Docket No. 110.0952-US-ORG1			
Filing Date <u>04/06/2020</u>	Client Docket No. P68413-US01			
Title of Invention: LOCALLY AND GLOBALLY MACHINE LEARNING	LOCATING ACTORS BY DIGITAL CAMERAS AND			
Inventors: Samuel Nathan Hallman, Tian La	n, Hui Liang, Gerard Guy Medioni, Kostia Robert			
DECLARATION As a below named inventor, I hereby declar	re that:			
This declaration is directed to:				
igotimes the attached application; or				
United States Patent Applicatio	n number filed on; or			
PCT International Application n	umber filed on			
The above-identified application was made	or authorized to be made by me.			
I believe that I am the original inventor or a application.	an original joint inventor of a claimed Invention in the			
I have reviewed and understand the conte	nts of the above-identified application, and			
acknowledge the duty to disclose to the US Patent & Trademark Office all information known to				
me to be material to the patentability as de	efined in 37 CFR 1.56.			
I hereby acknowledge that any willful false under 18 USC 1001 by fine or imprisonmen	statement made in this declaration is punishable it of not more than five (5) years, or both.			
Docusigned by: /Samuel Nathan Hallman/				
Samuel Nathan Hallman				
April 1, 2020				
Date				

U.S. Patent Appln. No. 16/841,289 Attorney Docket No. 110.0952-US-ORG1 Filing Date 04/06/2020 Client Docket No. P68413-US01 Title of Invention: LOCALLY AND GLOBALLY LOCATING ACTORS BY DIGITAL CAMERAS AND MACHINE LEARNING Inventors: Samuel Nathan Hallman, Tian Lan, Hui Liang, Gerard Guy Medioni, Kostia Robert **DECLARATION** As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States Patent Application number filed on ; or PCT International Application number ______ filed on ______. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed Invention in the application. I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. DocuSigned by: Tian (an/ --62A702EEE6B242C. Tian Lan March 30, 2020 Date

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U.S. Patent Appln. No. 16/841,289 Attorney Docket No. 110.0952-US-ORG1 Filing Date 04/06/2020 Client Docket No. P68413-US01 Title of Invention: LOCALLY AND GLOBALLY LOCATING ACTORS BY DIGITAL CAMERAS AND MACHINE LEARNING Inventors: Samuel Nathan Hallman, Tian Lan, Hui Liang, Gerard Guy Medioni, Kostia Robert **DECLARATION** As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States Patent Application number filed on ; or PCT International Application number ______ filed on ______. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed Invention in the application. I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. DocuSigned by: /thu liang/ Hui Liang March 30, 2020 Date

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U.S. Patent Appln. No. 16/841,289 Attorney Docket No. 110.0952-US-ORG1 Filing Date 04/06/2020 Client Docket No. P68413-US01 Title of Invention: LOCALLY AND GLOBALLY LOCATING ACTORS BY DIGITAL CAMERAS AND MACHINE LEARNING Inventors: Samuel Nathan Hallman, Tian Lan, Hui Liang, Gerard Guy Medioni, Kostia Robert **DECLARATION** As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States Patent Application number filed on ; or PCT International Application number ______ filed on ______. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed Invention in the application. I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. DocuSigned by: /Gerard Guy Medioni/ ---36C556699FDC4F3... Gerard Guy Medioni March 30, 2020 Date

RECORDED: 04/06/2020

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/841,289 Attorney Docket No. 110.0952-US-ORG1 Filing Date 04/06/2020 Client Docket No. P68413-US01 Title of Invention: LOCALLY AND GLOBALLY LOCATING ACTORS BY DIGITAL CAMERAS AND MACHINE LEARNING Inventors: Samuel Nathan Hallman, Tian Lan, Hui Liang, Gerard Guy Medioni, Kostia Robert **DECLARATION** As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States Patent Application number filed on ; or PCT International Application number ______ filed on ______. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed Invention in the application. I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. DocuSigned by: /kostia Robert/ --- ED3B921B93E7456... Kostia Robert March 31, 2020 Date

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