506554798 03/15/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: CORRECTIVE ASSIGNMENT **NATURE OF CONVEYANCE:** Corrective Assignment to correct the EXECUTION DATE OF INVENTOR ASIMA SILVA previously recorded on Reel 043813 Frame 0816.

Assignor(s) hereby confirms the ASSIGNOR EXECUTION DATE IS NOW CORRECT..

EPAS ID: PAT6601577

CONVEYING PARTY DATA

Name	Execution Date
PAUL R BASTIDE	04/19/2017
JONATHAN DUNNE	04/19/2017
LIAM HARPUR	04/19/2017
ASIMA SILVA	04/20/2017

RECEIVING PARTY DATA

Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION
Street Address:	NEW ORCHARD ROAD
City:	ARMONK
State/Country:	NEW YORK
Postal Code:	10504

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	10069878

CORRESPONDENCE DATA

Fax Number: (408)927-3375

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: 408-927-3302

LDDREV@US.IBM.COM Email:

BETTY PHUNG Correspondent Name:

Address Line 1: IBM CORP - FISHKILL DRAFTING CENTER

Address Line 2: 650 HARRY ROAD

Address Line 4: SAN JOSE, CALIFORNIA 95120

ATTORNEY DOCKET NUMBER: SVL920170069US02 NAME OF SUBMITTER: **BETTY PHUNG SIGNATURE:** /Betty Phung/ 03/15/2021 DATE SIGNED:

Total Attachments: 10

source=SVL920170069US02_Original Cover Sheet and Assignment#page1.tif source=SVL920170069US02_Original Cover Sheet and Assignment#page2.tif source=SVL920170069US02_Original Cover Sheet and Assignment#page3.tif source=SVL920170069US02_Original Cover Sheet and Assignment#page4.tif source=SVL920170069US02_Original Cover Sheet and Assignment#page5.tif source=SVL920170069US02_Original Cover Sheet and Assignment#page6.tif source=SVL920170069US02_Original Cover Sheet and Assignment#page7.tif source=SVL920170069US02_Original Cover Sheet and Assignment#page8.tif source=SVL920170069US02_Original Cover Sheet and Assignment#page9.tif source=SVL920170069US02_Original Cover Sheet and Assignment#page9.tif source=SVL920170069US02_Original Cover Sheet and Assignment#page10.tif

504541537 09/11/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL R. BASTIDE	04/19/2017
JONATHAN DUNNE	04/19/2017
LIAM HARPUR	04/19/2017
ASIMA SILVA	04/26/2017

RECEIVING PARTY DATA

Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION
Street Address:	NEW ORCHARD ROAD
City:	ARMONK
State/Country:	NEW YORK
Postal Code:	10504

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15700858

CORRESPONDENCE DATA

Fax Number: (845)892-6363

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: 4084635675

Email: fdciplaw@us.ibm.com

Correspondent Name: IBM CORP - FISHKILL DRAFTING CENTER

Address Line 1: 555 BAILEY AVENUE

Address Line 2: IPLAW, J46/G4

Address Line 4: SAN JOSE, CALIFORNIA 95141

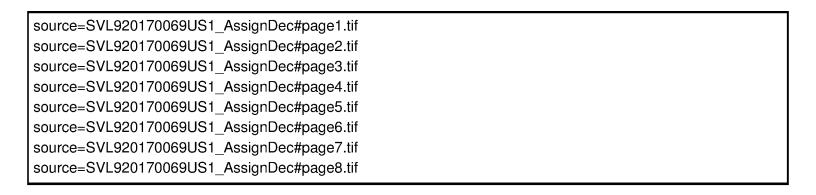
ATTORNEY DOCKET NUMBER:	SVL920170069US02
NAME OF SUBMITTER:	BRITTANY SINSABAUGH
SIGNATURE:	/Brittany Sinsabaugh/
DATE SIGNED:	09/11/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
	•

Total Attachments: 8

PATENT REEL: 0**5**58**9**9 FRAME: 0**82**6

EPAS ID: PAT4588244

504541537



BM DOCKET COMMENTS OF STREET

DECLARATION (37 C.E.R. LGS) FOR LITTLITY PARENT APPLICATION (SINCAN APPLICATION DATA SHEET (37 C.E.R. 176) AND ASSESSMENT

Title of Invention: AUDIOVISUAL NORMS FROM SHARED COMBINED IN

as a Police named and undersigned inventor. I hereby declare that
This declaration is directed to the attached application, or (if following box is checked)
[] United States application or PCT international application name there is:
he above identified application was made or authorized to be made by me
ancheve that I am the original inventor or an original pant inventor of a claimed inventors in the approxima
Thave reviewed and understand the contents of the application, including the clauss
campionare of the duty to disclose to the United States Patent and Trademark Office all information. Shows to the to be material to patentability as defined in 3.7 CFR Section 1.56.
Whereas, LCASSIGNOR's have made certain inventions, improvements, and discoveries therein referre to as the "Invention") disclosed in the above identified patent application and further identified by the IBM Docket Number provided above in the header of this document.
Whereas International Business Machines Corporation therein referred to as the "ASSIGNEE") a corporation of New York having a place of business at Armonic New York desires to acquire and I desire to grant to the "ASSIGNEE" my entire worldwide right, title, and interest in and to the Invention and mand to any and all patent applications and outents directed therein.
Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby

acknowledged. I hereby self or have sold, as sen or have a sugged, and otherwise transfer or have rensterred to the ASSIGNEE, its successors, local representatives, and assigns, inventor workloads note, title, and interest in and to the Invention, the above identified United States patent application, and any and all other parent applications and parents for the Invention which may be applied for or granted therefore in the United States and mall foreign countries and norolletions, including all the page. communions reissues, recommunions renewals, extensions counterparts substitutes, and exemptor nergical and all rights of priority resulting from the filting of such applications and granting of such and requests the addition. Thereby authorize and request the Director of the United States Patrial and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its soccessors, legal representatives, and assigns, inand the same and the property of the and interest in and to the same to be held and enjoyed by the ASSIGNEE AS $_{
m exp}$, $_{
m exp}$ representatives, and assigns to the full end of the respective which are $_{
m exp}$, $_{
m exp}$ restants may be granted, as fully and entirely as would have been held and enjoyed by me had the Accompanies for been made, and I agree to execute any and all documents and instruments and perform all the full active comply related to recording this Assignment or perfecting rule is the foreign and all related patents and applications, in the ASSEARCE, its successors, lead representatives and assigns PATENT

REEL: 055699 FRAME: 0829

A BETO DE LA REPORTE DE LA SERVICIO DE LA CONTRACTOR DE L

(1) Local Name of Resource Paul & Burns.	
Summer <u>Faul I Bre/1/e</u>	See (1.1112.22)
Callered Name of Revenior America America	
Signature	Sur Sur
(3) Legal Nume of Inventor Lian Harps	
Sensitive	Trate .
44 Local Name of Inventor Association	
Senature	l'att

Page 2013

DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Trie of Invention: AUDICA ISUAL NORMS FROM SHARED COMMUNITIES.

As a below named and undersigned invision, I hereby declare that
This declaration is directed to the attached application, or (if following box is checked):
[] United States application 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 application, including the claims.

Lam aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided shove in the header of this document.

Whereas, International Business Machines Corporation therein referred to as the "ASSIGNEE"), a corporation of New York having a place of business at Armonk, New York, desires to acquire, and I desire to grant to the ASSIGNEE, my entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto:

Now, therefore, for good and valuable consideration, the recess and sufficiency thereof being hereby acknowledged. If hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its manessors, legal representatives, and excepts, my entire worldwide right, little, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the invention which may be applied for or granted therefore to the United States and in all foreign columns and jurisdictions, including all divisions. communions, reusiles, reeximinations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority existing from the filing of such applications and granting of such patients. In addition, I hereby authorize and request the Director of the United States Patcot and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any fisteign quiem, grained for the Inventoria, to the ASSIGNEE, as successors, legal representatives, and assigns, my oning workswide right, title, and inspect in end to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full and of the term, for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment not been made, and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all reliated patients, and printications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, as successors legal representatives, or assigns.

Page) of 2

IBM DXXXET NUMBER: SVL920170069US1

Lacknowledge my prior and ongoing obligations to sell, assign, and transfer my right; under the Assignment to the ASSIGNED and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patter Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

I hereby seknowledge this any willful false statement made in this declaration is punishable under 18×1000 by fine or imprisonment of not more than five (5) years, or both.

(1) Legal Name of Inventor: Paul R. Bastide	
Signature:	Date
(2) Legal Name of Is senior: Josephan Dunne	
Signature: <u> </u>	tome <u>1914 April 2</u> 019
(3) Legal Name of Inventor: Liam Harpur	
Signature	Date:
(4) Legal Name of Inventor: Asima Silva	
Signature	Date:

Page 2 of 2

DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Title of Invention: AUDIOVISUAL NORMS FROM SHARED COMMUNITIES

As a below named and undersigned inventor, I hereby declare that:
This declaration is directed to the attached application, or (if following box is checked):
[] United States application or PCT international application numberfiled 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 application, including the claims.
I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the header of this document;

Whereas, International Business Machines Corporation (herein referred to as the "ASSIGNEE"), a corporation of New York having a place of business at Armonk, New York, desires to acquire, and I desire to grant to the ASSIGNEE, my entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefore in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1) Legal Name of Inventor: Paul R. Bastide	
Signature:	Date:
(2) Legal Name of Inventor: Jonathan Dunne	
Signature:	Date:
(3) Legal Name of Inventor: Liam Harpur	10 10 2017
Signature: Jam Harpi	V 19 Apr 2017 Date:
(4) Legal Name of Inventor: Asima Silva	
Signature	Date

IBM DOCKET NUMBER: SVL920170069US1

DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Title of Invention: AUDIOVISUAL NORMS FROM SHARED COMMUNITIES

As a below named and undersigned inventor, I hereby declare that:		
This declaration is directed to the attached application, or (if following box is checked):		
[] United States application or PCT international application numberfiled 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 application.	the	
I have reviewed and understand the contents of the application, including the claims.		: •
I am aware of the duty to disclose to the United States Patent and Trademark Office all infort known to me to be material to patentability as defined in 37 CFR Section 1.56.	nati	on
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Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof bein acknowledged, I hereby sell or have sold, assign or have assigned, and otherwise transfer or transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my entire wright, title, and interest in and to the Invention, the above-identified United States patent applications and patents for the Invention which may be applied for therefore in the United States and in all foreign countries and jurisdictions, including all divicentinuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and thereof, and all rights of priority resulting from the filing of such applications and granting patents. In addition, I hereby authorize and request the Director of the United States Patent Trademark Office to issue any United States Patent, and foreign patent authorities to issue a patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and entire worldwide right, title, and interest in and to the same to be held and enjoyed by the Assuccessors, legal representatives, and assigns to the full end of the terms for which any and patents may be granted, as fully and entirely as would have been held and enjoyed by me have	orld lica lica or g ision exte of su and and s SSI all s	wide tion, and granted ns, ensions uch foreign ssigns, my GNEE, its

Page 1 of 2

Assignment not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns,

whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

IBM DOCKET NUMBER: SVL920170069US1

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

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(1) Legal Name of Inventor: Paul R. Bastide	
Signature:	Date:
(2) Legal Name of Inventor: Jonathan Dunne	
Signature:	Date;
(3) Legal Name of Inventor: Liam Harpur	
Signature:	Date:
(4) Legal Name of Inventor: Asima Silva Signature:	

Page 2 of 2