PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TRUDY L. HEWITT	06/09/2020
LIAM S. HARPUR	06/09/2020
JONATHAN D. DUNNE	06/09/2020
KELLEY ANDERS	06/08/2020

RECEIVING PARTY DATA

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Street Address:	NEW ORCHARD ROAD	
City:	ARMONK	
State/Country:	NEW YORK	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16896611

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P201904956US01	
NAME OF SUBMITTER:	SABRINA ERNST	
SIGNATURE:	/SABRINA ERNST/	
DATE SIGNED:	06/09/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
	-	

Total Attachments: 4

PATENT REEL: 052881 FRAME: 0057

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PATENT REEL: 052881 FRAME: 0058

IBM DOCKET NUMBER: P201904956US01

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

SUMMARIZING MULTI-MODAL CONVERSATIONS IN A MULTI-USER MESSAGING APPLICATION

As a below named 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 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 applicat 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 know be material to patentability as defined in 37 CFR Section 1.56. Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (I referred to as the "Invention") disclosed in the above-identified patent application and further identified be Docket Number provided above in the header of this document; Whereas, International Business Machines Corporation, a corporation of New York having a place of bus Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned inventor desired IBM, the entire worldwide right, title, and interest in and to the Invention and in and to any and all pater applications and patents directed thereto; Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigns	on to me to herein by the IBM siness at res to gran ent ed, and
otherwise transfers or has transferred to IBM (the "ASSIGNEE"), its successors, legal representatives, an the entire worldwide right, title, and interest in and to the Invention, the above-identified United States pa application, and any and all other patent applications and patents for the Invention which may be applied granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions the all rights of priority resulting from the filing of such applications and granting of such patents. In addition undersigned inventor hereby authorizes and requests the Director of the United States Patent and Tradems to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to IBM, its successors, legal representatives, and assigns, the entire worldwide right, title, and and to the same to be held and enjoyed by IBM, its successors, legal representatives, and assigns to the fut the terms for which any and all such patents may be granted, as fully and entirely as would have been held enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to any and all documents and instruments and perform all lawful acts reasonably related to recording this As or perfecting title to the Invention and all related patents and applications, in IBM, its successors, legal representatives, or assigns. Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer tunder this Assignment to IBM and is unaware of any reason why they may not have the full and unencum to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants successors, legal representatives, and assigns, the right to insert in this Assig	ed assigns, atent for or ereof, and on, each ark Office e interest in all end of d and execute ssignment. the rights abered right I not IBM, its ion dation of
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S by fine or imprisonment of not more than five (5) years, or both.	5.C. 1001
(1) Legal Name of Inventor: TRUDY L. HEWITT	

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Date:

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(2) Legal Name of Inventor: LIAM S. HARPUR	
de Ila	9th T . 7020
Signature: Date	i jiwe colo e:
Dan Dan	J.

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DECLARATION (37 C.F.R. L63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. L76) AND ASSIGNMENT

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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 appli	canco.
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 kn	own to me to
be material to patentability as defined in 37 CFR Section 1.56.	an Armadan
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Docket Number provided above in the header of this document;	ita.
Whereas, International Business Machines Corporation, a corporation of New York having a place of I	
Annonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned inventor d	
to IBM, the entire worldwide right, title, and interest in and to the invention and in and to any and all p	PALEME.
applications and patents directed thereto;	
Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby	
acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned inventor ("ASSIGNOR") hereby sells or has assigned inventor ("ASSIGNOR") hereby sells or has assigned inventor ("ASSIGNOR") hereby sells or has a sold, assigned inventor ("ASSIGNOR") hereby sells or has a sold as a so	
otherwise transfers or has transferred to IBM (the "ASSIGNEE"), its successors, legal representatives,	and assigns,
the entire worldwide right, fitle, and interest in and to the Invention, the above-identified United States	- paiem
application, and any and all other patent applications and patents for the invention which may be appli-	
granted therefor in the United States and in all foreign countries and jurisdictions, including all divisio	
continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions	stor and
all rights of priority resulting from the filing of such applications and granting of such patents. In additundersigned inventor hereby authorizes and requests the Director of the United States Patent and Trad-	mong wasis monde Collina
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to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for	nd interest in
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the terms for which any and all such patents may be grunted, as fully and entirely as would have been	oteración
enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees	A colorescent
any and all documents and instruments and perform all lawful acts reasonably related to recording this	- сегоняния Г
or perfecting title to the Invention and all related patents and applications, in IBM, its successors, legal	, me
representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns, the successors and transfer	SHS. San thee nighto
Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transf	or increased make
under this Assignment to IBM and is unaware of any reason why they may not have the full and unenc	anneced right
to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and	WHI HOU was WHA Jon
execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby gran	ns mus
successors, legal representatives, and assigns, the right to insert in this Assignment any further identification of the control of the contr	vandoblas af
(including, but not limited to, patent Application Number) which may be necessary or desirable for res	ANGEGIST III
this Assignment. This Assignment is governed by the substantive laws of the State of New York, and	any mapmes
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.	FEK (** 1881
	CABACA SACE
by fine or imprisonment of not more than five (S) years, or both.	
(3) Legal Name of Inventor: JONATHAN D. DUNNE	
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Signature: <u>Londhen Linne</u> Date: <u>09/J</u>	400/2020
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(4) Legal Name of Inventor: KELLEY ANDERS	
,	
Signature: Kelley And CAR	Date: 06/08/2020

Page 4 of 4

RECORDED: 06/09/2020

PATENT REEL: 052881 FRAME: 0062