505629124 08/20/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5675929

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NORIYUKI ABE	08/07/2019
KANAKO ONISHI	08/07/2019
KENTARO TORISAWA	08/08/2019
CANASAI KRUENGKRAI	08/06/2019
YUTAKA KIDAWARA	08/08/2019

RECEIVING PARTY DATA

Name:	NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY		
Street Address:	4-2-1 NUKUI-KITAMACHI		
Internal Address:	KOGANEI0SHI		
City:	TOKYO		
State/Country:	JAPAN		
Postal Code:	184-8795		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16487041

CORRESPONDENCE DATA

Fax Number: (216)621-6165

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: 216-621-1113

Email: jfarr@rennerotto.com **Correspondent Name:** MARK D. SARALINO

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ATTORNEY DOCKET NUMBER:	SHIMP0157WOUS
NAME OF SUBMITTER:	MARK D. SARALINO
SIGNATURE:	/Mark D. Saralino/
DATE SIGNED:	08/20/2019

PATENT 505629124 REEL: 050095 FRAME: 0456

Total Attachments: 9 source=SHIMP0157WOUS Assignment#page1.tif source=SHIMP0157WOUS Assignment#page2.tif source=SHIMP0157WOUS Assignment#page3.tif source=SHIMP0157WOUS Assignment#page4.tif source=SHIMP0157WOUS Assignment#page5.tif source=SHIMP0157WOUS Assignment#page6.tif source=SHIMP0157WOUS Assignment#page7.tif source=SHIMP0157WOUS Assignment#page8.tif source=SHIMP0157WOUS Assignment#page8.tif

PATENT REEL: 050095 FRAME: 0457

COMBINED DECLARATION AND ASSIGNMENT USING APPLICATION DATA SHEET (37 CFR 1.76) (ORIGINAL, DESIGN, NATIONAL STAGE OF PCT) Dialogue System and Computer Program Therefor Title: . **DECLARATION** As a below named inventor or joint inventor, I hereby declare that: This declaration is directed to: the attached application, or X United States application or PCT international application number PCT/JP2018/010230 (b) filed on March 15, 2018 The above-identified application was made or authorized by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby state that I have reviewed and understand the contents of the above-identified application. I hereby acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §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. PRIORITY CLAIM I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent, or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed. (c) _____ no such application have been filed. (d) X such applications have been filed as follows. EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION DATE OF FILING PRIORITY CLAIMED APPLICATION NUMBER (day, month, year) COUNTRY **UNDER 35 USC §119** 2017-051504 16 March 2017 Yes No

Yes

Yes

No

No

II. ASSIGNMENT

As a below named assignor, for good and valuable consideration acknowledged and received I hereby sell and assign my entire worldwide right, title and interest in the application and the invention(s), so far as concerns the United States and the Territories and Possessions thereof to:

ASSIGNEE:

National Institute of Information and Communications Technology 4-2-1 Nukui-Kitamachi, Koganei-shi Tokyo 184-8795 Japan

Including:

any and all related patent application(s) in the United States, including continuations, continuations-in-part, divisionals, conversions, renewals, substitutes, reissues, reexaminations, extensions, non-provisional applications, and other applications based in whole or in part upon the invention(s) or upon the application(s);

any and all Letters Patent, renewals, reissues, reexamination certificates and extensions of Letters Patent granted for the invention(s) or upon the application(s); and

every priority right that is or may be predicated upon or arise from the invention(s), the application(s) and the Letters Patent.

I additionally authorize the Assignee to file patent applications in my or the Assignee's name for Letters Patent in any country (by international convention, treaty or otherwise), to be held and enjoyed by the Assignee, its successors and assigns, to the full end of the term or terms for which Letters Patent respectively may be granted, reissued, reexamined or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this Assignment and transfer not been made.

I hereby covenant that I have the full right to convey the entire interests herein assigned, and that I have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given.

I agree that each time a request is made, and without undue delay, I will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), the application(s) and the Letters Patent, to the Assignee, its successors or assigns.

I agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and Letters Patent shall be held and enjoyed by the Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Assignee all lawful documents including petitions, specifications, paths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Assignee; to furnish the Assignee with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and Letters Patent.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this document when that information becomes available.

(1) Full Name of	Sole or First Inventor and Assignor: Noriyu	ki ABE		
Inventor's signature:	Nortyalet ABE	Date:	August 7, 2019	
Post Office Address: c/o National Institute of Information and Communications Technology 4-2-1 Nukui-Kitamachi, Koganel-shi Tokyo 184-8795 Japan				
(2) Full Name of	Second Inventor and Assignor: Kanako ON	IISHI		
Inventor's signature:	Kanako ONISHI	Date:	August 7,2019	
Post Office Address: c/o National Institute of Information and Communications Technology 4-2-1 Nukul-Kitamachi, Koganei-shi Tokyo 184-8795 Japan				
(3) Full Name of	Third Inventor and Assignor: Kentaro TOF	RISAWA		
Inventor's signature:		Date		
Post Office Address:	Post Office Address: c/o National Institute of Information and Communications Technology 4-2-1 Nukui-Kilamachi, Koganei-shi Tokyo 184-8795 Japan			
(4) Full Name of	Fourth Inventor and Assignor: Canasai KR	UENGKR.	Al	
Inventor's signature:		Date:		
Post Office Address: c/o National Institute of Information and Communications Technology 4-2-1 Nukui-Kitamachi, Koganei-shi Tokyo 184-8795 Japan				
(5) Full Name of	Fifth Inventor and Assignor: Yutaka KIDAV	VARA		
Inventor's signature		Date:		
Post Office Address:				
CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS COMBINED DECLARATION AND ASSIGNMENT				
Signature for seventh and subsequent joint inventors and assignors; number of pages added				
Added page to this combined declaration and assignment for divisional, continuation, or continuation-in-part (CIP) application.				
This combined declaration and assignment ends with this page.				

3 09/01/2012

PATENT REEL: 050095 FRAME: 0460

COM	BINED DECLARA	TION AND ASSIGNMENT US (ORIGINAL, DESIGN, NATIC		\ SHEET (37 CFR 1.76)
Title:	Dialogue Syst	em and Computer Progra	n Therefor	
		I. DEC	CLARATION	
As a be	low named invento	r or joint inventor, I hereby dec	lare that:	
This de	claration is directed	to:		
(a)	the attach	ed application, or		
(b)	X United Sta	ites application or PCT internal March 15, 2018	tional application number	PCT/JP2018/010230
The abo	ove-identified applic	ation was made or authorized	by me.	
l believe	e that I am the origi	nal inventor or an original joint	inventor of a claimed inve	ntion in the application.
I hereby	state that I have re	eviewed and understand the co	ontents of the above-identi	ified application.
		duty to disclose to the U.S. Parability as defined in 37 C.F.R.		all information known to
		any willful false statement ma ent of not more than five (5) yea		unishable under 18 USC
		PRIORITY C	LAIM	
for pate other the for pate other the	nt or inventor's cer an the United State nt or inventor's ce an the United State	ity benefits under Title 35, Unit tificate or of any PCT internation is of America listed below and h rtificate or any PCT internation is of America filed by me on the which priority is claimed.	onal application(s) designation also identified below a labolication(s) designation(s) designation(s)	ating at least one country any foreign application(s) ting at least one country
(c)	no such applic	ation have been filed.		
(d)	Xsuch application	ons have been filed as follows.		
		FOREIGN APPLICATION(S), I NTHS FOR DESIGN) PRIOR		
	COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC §119
	JP	2017-051504	16 March 2017	X Yes No
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II. ASSIGNMENT

As a below named assignor, for good and valuable consideration acknowledged and received I hereby sell and assign my entire worldwide right, title and interest in the application and the invention(s), so far as concerns the United States and the Territories and Possessions thereof to:

ASSIGNEE:

National Institute of Information and Communications Technology 4-2-1 Nukui-Kitamachi, Koganei-shi Tokyo 184-8795 Japan

Including:

any and all related patent application(s) in the United States, including continuations, continuations-in-part, divisionals, conversions, renewals, substitutes, reissues, reexaminations, extensions, non-provisional applications, and other applications based in whole or in part upon the invention(s) or upon the application(s);

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every priority right that is or may be predicated upon or arise from the invention(s), the application(s) and the Letters Patent.

I additionally authorize the Assignee to file patent applications in my or the Assignee's name for Letters Patent in any country (by international convention, treaty or otherwise), to be held and enjoyed by the Assignee, its successors and assigns, to the full end of the term or terms for which Letters Patent respectively may be granted, reissued, reexamined or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this Assignment and transfer not been made.

I hereby covenant that I have the full right to convey the entire interests herein assigned, and that I have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given.

I agree that each time a request is made, and without undue delay, I will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), the application(s) and the Letters Patent, to the Assignee, its successors or assigns.

I agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and Letters Patent shall be held and enjoyed by the Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Assignee all lawful documents including petitions, specifications, oaths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Assignee; to furnish the Assignee with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and Letters Patent.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this document when that information becomes available.

, , , , , , , , , , , , , , , , , , , 			
(1) Full Name of	Sole or First Inventor and Assignor: Nori	yuki ABE	
Inventor's signature:		Date:	
Post Office Address:	c/o National Institute of Information and Commi 4-2-1 Nukul-Kitamachi, Koganel-shi Tokyo 184-8795 Japan	inications Te	echnology
(2) Full Name of	Second Inventor and Assignor: Kanako C	NISHI	
Inventor's signature:		Date:	
Post Office Address:	c/o National Institute of Information and Communications Technology 4-2-1 Nukui-Kitamachi, Koganei-shi Tokyo 184-8795 Japan		
(3) Full Name of	Third Inventor and Assignor: Kentaro TC	RISAWA	
Inventor's signature:	-	Date:	
Post Office Address:			
		F24 (F76 (G74 G7	* 2
(4) rull Name of	Fourth Inventor and Assignor: Canasai K	RUENGKK	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Inventor's signature:	Canasai Krneugkrai	Datet	August 6, 2019
Post Office Address:	c/c National institute of information and Comm. 4-2-1 Nukui-Kitamachi, Koganei-shì Tokyo 184-8795 Japan	inications Te	ehnology
(5) Full Name of	Fifth Inventor and Assignor: Yutaka KIDA	WARA	
Inventor's signature:		Date:	
Posi Office Address:	c/o National Institute of Information and Commu 4-2-1 Nukui-Kitamachi, Koganei-shi Tokyo 184-8795 Japan	inications Te	echnology
FORM A Signature fo	CK FOR ANY OF THE FOLLOWING ADDE A PART OF THIS COMBINED DECLARATION The seventh and subsequent joint inventors and	ON AND AS	SIGNMENT
added		-	
	to this combined declaration and assignmentin-part (CIP) application.	nt for divisio	onal, continuation, or
X This combin	ed declaration and assignment ends with thi	s page.	

09/01/2012

COMBINED DECLARATION AND ASSIGNMENT USING APPLICATION DATA SHEET (37 CFR 1.76) (ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)				
Title: Dialogue System and Computer Program Therefor				
I. DECLARATION				
As a below named inventor or joint inventor, I hereby declare that:				
This declaration is directed to:				
(a) the attached application, or				
(b) X United States application or PCT international application number PCT/JP2018/010230 filed on March 15, 2018				
The above-identified application was made or authorized by me.				
believe that I am the original inventor or an original joint inventor of a claimed invention in the application.				
hereby state that I have reviewed and understand the contents of the above-identified application.				
I hereby acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §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.				
PRIORITY CLAIM				
I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.				
(c) no such application have been filed.				
(d) X such applications have been filed as follows.				
EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION				
DATE OF FILING PRIORITY CLAIMED COUNTRY APPLICATION NUMBER (day, month, year) UNDER 35 USC §119				
JP 2017-051504 16 March 2017 X Yes No				
Yes No				

II. ASSIGNMENT

As a below named assignor, for good and valuable consideration acknowledged and received I hereby sell and assign my entire worldwide right, title and interest in the application and the invention(s), so far as concerns the United States and the Territories and Possessions thereof to:

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I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this document when that information becomes available.

(1) Full Name of Sole or First Inventor and Assignor: Noriyuki ABE					
Inventor's signature:	A.	Date:			
Post Office Address:	Post Office Address: c/o National Institute of Information and Communications Technology 4-2-1 Nukui-Kitarnachi, Koganei-shi Tokyo 184-8795 Japan				
201 F. 85 Bl	Sanada and Antiques Variable C5				
	Second Inventor and Assignor: Kanako ON	I			
Inventor's signature:		Date:	<u> </u>		
Post Office Address:	Post Office Address: c/o National Institute of Information and Communications Technology 4-2-1 Nukui-Kitamachi, Koganel-shi Tokyo 184-8795 Japan				
(3) Full Name of	Third Inventor and Assignor: Kentaro TOF	NEAWA			
<u> </u>	6 508 / 20 + 2 n	Date:	Aug 8. 2019		
Inventor's signature:	5/2/12 LL	1			
Post Office Address:	c/ð National Institute of Information and Commun 4-2-1 Nukui-Kitarnachi, Koganei-shi Tokyo 184-8795 Japan	ications Le	chnology		
F M M			A (
	Fourth Inventor and Assignor: Canasai KR		4 }		
Inventor's signature:		Date:			
Post Office Address: c/o National Institute of Information and Communications Technology 4-2-1 Nukui-Kitamachi, Koganei-shi Tokyo 184-8795 Japan					
(5) Euli Mana of	Fifth Inventor and Assignor: Yutaka KIDAV	/ADA			
Inventor's signature:	1 45 T	Date:	Aug. 8, 20/9		
····	A/A Not and Leath to of Information and Commun	.t			
Post Office Address: c/o National Institute of Information and Communications Technology 4-2-1 Nukui-Kitamachi, Koganei-shi Tokyo 184-8795 Japan					
CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS COMBINED DECLARATION AND ASSIGNMENT					
Signature for seventh and subsequent joint inventors and assignors; number of pages added					
Added page to this combined declaration and assignment for divisional, continuation, or continuation-in-part (CIP) application.					
X This combined declaration and assignment ends with this page.					

09/01/2012