507222754 04/08/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOBUHIKO ITOH	12/15/2020
TAKANORI IWAI	09/30/2021
TAKAHIRO NOBUKIYO	11/19/2020
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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16761591	

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NAME OF SUBMITTER:	HAFIDA SAMMANE
SIGNATURE:	/Hafida Sammane/
DATE SIGNED:	04/08/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 507222754 REEL: 059540 FRAME: 0930

Total Attachments: 8 source=3300001737US01Assignment#page1.tif source=3300001737US01Assignment#page2.tif source=3300001737US01Assignment#page3.tif source=3300001737US01Assignment#page4.tif source=3300001737US01Assignment#page5.tif source=3300001737US01Assignment#page6.tif

source=3300001737US01Assignment#page7.tif source=3300001737US01Assignment#page8.tif

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, I/we, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; (the "invention") and

Whereas, NEC Corporation, (assignee), desires to acquire the entire and exclusive right, title, and interest in the application and invention, and to any patents that may be obtained therefor in the United States, in any U.S. territorial possessions, and in any and all foreign countries;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/we, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire and exclusive right, title and interest in the application and the invention disclosed therein for the United States, U.S. territorial possessions, and in any and all foreign countries, including all divisions, and continuations, and continuations-in-part thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues and reexaminations, renewals, and substitutions thereof, and including the right to claim priority under 35 U.S.C. §119, and all rights for past infringement, under the International Convention, and under any other relevant International Treaties and Arrangements, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; I/we will execute without further consideration all papers deemed necessary by the assignee, and generally perform all necessary acts to aid the assignee, its successors and assigns, to obtain and enforce proper protection for the invention in connection with the United States and foreign applications, including but not limited to all divisional, continuation, reissue and other applications for Letters Patent on the invention and execute all assignments thereof to the above named assignee its successors and assigns, when called upon to do so by the assignee; and I/we will communicate to the above named assignee or its representatives all facts known to the undersigned respecting the invention, whenever requested, testify in any legal proceedings in which any of the applications or patents may become involved, and do generally everything necessary to assist the above named assignee its successors or assigns to obtain patent protection for the invention in the United States and foreign countries.

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

As the below named inventor, I hereby declare that:		
This assignment with declaration is directed to:		The attached application, or
	Ø	United States Application or PCT International Application Number PCT/JP2018/040043 filed on October 29, 2018 (Confirmation No.).
The application is entitled:		,
CONTROL DEVICE CONTROL	METI	HOD AND NON-TRANSITORY COMPUTER READABLE MEDIUM STORING PROGRAM

1

The above identified application was made or was 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 for which this assignment with declaration is being submitted, including the claims.

I am aware of 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 CFR 1.56.

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

Authorization To Permit Access To Application by Participating Office

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NAME OF SOLE OR FIRST INVENTOR			
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(first and middle [if any]) Ne	obuhiko	Family Name or Surname	ПОН
Inventor's signature Notwhike	boh	Date	. 2020/12/15
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NAME OF THIRD INVENTOR:			**************************************
Given Name (first and middle [if any]) Te	ikahiro	Family Name or Sumame	NOBUKIYO
* 4			
Inventor's signature		Date	
	50) 		
Residence: Tokyo, Japan		**	
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	7-1, Shiba 5-chome, Minato-ki	ı, lokyo lus-suul, lapan	•••••
NAME OF FOURTH INVENTOR:			
Given Name (first and middle [if any]) Mot	toki	Family Name or Surname	MORITA
Inventor's signature		Date	* * * * * * * * * * * * * * * * * * * *
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Mailing Address: c/o NEC Corporation, 7-1	I, Shiba 5-chome, Minato-ku,	Tokyo 108-8001, Japan	8
NAME OF FIFTH INVENTOR:			
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(first and middle [if any])		Family Name or Sumame	
8 /			
Inventor's signature		Date	
Residence:			
Mailing Address:			

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NAME OF SOLE OR FIRST INVENTOR:	
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(first and middle [if any]) Nobuhiko	Family Name or Surname ITOH
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Inventor's signature Tunkewuru (1601)	Date 20>//09/38
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NAME OF THIRD INVENTOR:	s, 10kyo 100*0001, (400ii
Given Name (first and middle [if any]) Takahiro	Family Name or Sumame NOBUKIYO
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Inventor's signature	Date
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Mailing Address: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ko	ı, Tokyo 108-8001, Japan
NAME OF FOURTH INVENTOR:	
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NAME OF FIFTH INVENTOR:	
Given Name (first and middle [if any])	Family Name or Surname
Inventor's signature	Date
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Mailing Address:	

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Given Name (first and middle [if any]) Nobuhiko	Family Name or Surname ITOH
Inventor's signature	Date
Residence: Tokyo, Japan	
Mailing Address: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-k	и, Tokyo 108-8001, Japan
NAME OF SECOND INVENTOR:	
Given Name (first and middle [if any]) Takanori	Family Name or Surname IWAI
Inventor's signature	Date
Residence: Tokyo, Japan	
Mailing Address: c/o NEC Corporation, 7-1, Shiha 5-chome, Minato-ki	u, Tokyo 108-8091, Japan
NAME OF THIRD INVENTOR:	
Given Name (first and middle [if any]) Takahiro	Family Name or Surname NOBUKIYO
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NAME OF FOURTH INVENTOR:	
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NAME OF SECOND INVENTOR:	
Given Name (first and middle [if any]) Takanori	Family Name or Surname IWAI
(Asst and intente (it ass))) 1 condition	
inventor's signature	Date
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Residence: Tokyo, Japan	
Mailing Address: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan	
	33/
NAME OF THIRD INVENTOR:	T
Given Name (first and middle (if any)). Takahiro	Family Name or Surgame NOBUKIYO
(first and middle [if any]) Takahiro	1 Passilly Products Suchastic (N995CA315)
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(first and middle [if any]) Motoki	Family Name or Surname MORITA
Inventor's signature Motoki Morita	Date 2020///27
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[Page 2]