

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT7679236

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHUNSUKE TSUDA	12/21/2021
HAJIME HAGIMORI	12/22/2021
DAIKI TANAKA	03/18/2019
MASAYA TOKUNAGA	03/18/2019
JIANQUAN LIU	12/24/2021
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Internal Address:	MINATO-KU,
City:	TOKYO
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Postal Code:	108-8001
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17605651
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ATTORNEY DOCKET NUMBER:	6600000527US01
NAME OF SUBMITTER:	DEANNA THOMAS, SECRETARY
SIGNATURE:	/DEANNA THOMAS/
DATE SIGNED:	12/06/2022
This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT

Total Attachments: 6

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Docket No.:

Only After Sept. 16, 2012

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, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan, (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

☒ United States Application or PCT International Application Number PCT/JP2020/017656 filed on April 24, 2020 (Confirmation No. _____).

The application is entitled:

AUTHENTICATION DATA GENERATION DEVICE, AUTHENTICATION DEVICE, AUTHENTICATION DATA GENERATION METHOD, AND RECORDING MEDIUM

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

☒ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a

copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

NAME OF SOLE OR FIRST INVENTOR:			
Given Name (first and middle [if any])		Family Name or Surname	
Shunsuke		TSUDA	
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NAME OF SECOND INVENTOR:			
Given Name (first and middle [if any])		Family Name or Surname	
Hajime		HAGIMORI	
Inventor's signature		DocuSigned by: <i>Hajime Hagimori</i> 525B250F6FE048E...	Date December 22, 2021
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Mailing Address: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan			
NAME OF THIRD INVENTOR:			
Given Name (first and middle [if any])		Family Name or Surname	
Daiki		TANAKA	
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Given Name (first and middle [if any])		Family Name or Surname	
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Inventor's signature		Date	
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NAME OF FIFTH INVENTOR:			
Given Name (first and middle [if any])		Family Name or Surname	
Jianquan		LIU	
Inventor's signature		DocuSigned by: <i>Jianquan Liu</i> 91AB3F13D63E424...	Date December 24, 2021
Residence: Tokyo, Japan			
Mailing Address: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan			

Docket No.:

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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.

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copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

NAME OF SOLE OR FIRST INVENTOR:	
Given Name (first and middle [if any]) Shunsuke	Family Name or Surname TSUDA
Inventor's signature	Date
Residence: Tokyo, Japan	
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NAME OF SECOND INVENTOR:	
Given Name (first and middle [if any]) Hajime	Family Name or Surname HAGIMORI
Inventor's signature	Date
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NAME OF THIRD INVENTOR:	
Given Name (first and middle [if any]) Daiki	Family Name or Surname TANAKA
Inventor's signature Daiki Tanaka	Date 2021 / 8 / 6
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Residence: Tokyo, Japan	
Mailing Address: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan	

Receipt Number : 6600000527

Representative division : System Device Division (Industry type)

Utilized case/General case : Utilized case

Title of Invention: Acquiring and distributing method of plural biometric authentication input data

■ Inventor's Info (Assignment)

Assignment

For the below identified invention, utility model, or design (hereinafter simply called "invention"), I hereby assign, to a company to which I myself belong at present, the right to obtain a patent, utility model registration, or design registration (hereinafter simply called "patent") in Japan as well as other countries and regions according to the employment rule of the company to which I myself belong at present. In case where the below identified invention has been jointly invented, I agree for each joint inventor, deviser, or creator (hereinafter simply called "joint inventor") to assign to a current employer of each joint inventor a right to obtain a patent for the below identified invention, (unless otherwise agreed with respect to assignment of the right to obtain a patent for the below identified invention)

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1	Company	NEC Corporation		
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	External Fax No.			
	Date of Assignment	March 15, 2019	Contribution Ratio	1/5
2	Company	NEC Corporation		
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	External Fax No.			
	Date of Assignment	March 18, 2019	Contribution Ratio	1/5
3	Company	NEC Corporation		
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	Date of Assignment	March 18, 2019	Contribution Ratio	1/5
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	Date of Assignment	March 22, 2019	Contribution Ratio	1/5

Translator :

Toshinobu NAKAMURA

業務発明届出書

2019年03月22日

受付番号：6600000527
 代表事業部：66000 システムデバイス事業部（業種）
 活用案件／一般案件：活用案件
 発明の名称：複数生体認証INPUTデータの取得および振り分け方法

■ 発明者情報(譲渡・同意書)

譲渡・同意

この届出による発明、考案又は意匠（以下、「発明等」と呼ぶ）について、現在自身が所属する会社の従業員就業規則に基づいて、日本並びにその他の国及び地域で特許、実用新案登録又は意匠登録（以下、「特許等」と呼ぶ）を受ける権利が現在自身が所属する会社に初めから帰属することを確認します。但し法令等又は現在自身が所属する会社の規則等により特許等を受ける権利を自身から譲渡することが求められる場合は、当該法令等又は規則等に従い会社に譲渡いたします。また、下記の発明等が共同でなされたものである場合、各共同発明者、共同考案者又は共同創作者（以下、「共同発明者等」と呼ぶ）は、下記の発明等について特許等を受ける権利が各共同発明者等の現在の使用者に帰属すること（上記但書きの場合は譲渡すること）につき、同意いたします。（上記但書きにかかわらず、下記の発明等について特許等を受ける権利の譲渡につき、別段の契約がある場合を除く。）

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	所属部門	<システムプラットフォームBU>/システムデバイス事業部		
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	譲渡・同意確認日	2019年03月18日	寄与率	1/5
4	会社名	日本電気株式会社		
	所属部門	<システムプラットフォームBU>/システムデバイス事業部		
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	譲渡・同意確認日	2019年03月18日	寄与率	1/5
5	会社名	日本電気株式会社		
	所属部門	<中央研究所>/バイオメトリクス研究所		
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	ローマ字	Liu Jianquan		
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	内線	8-22-60702	外線ダイヤルイン	044-431-7554
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	譲渡・同意確認日	2019年03月22日	寄与率	1/5