PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| MISAO KATAOKA | 02/19/2021 |
| HIROFUMI NOGUCHI | 02/15/2021 |
| TAKUMA ISODA | 02/19/2021 |
| YOJI YAMATO | 02/15/2021 |

RECEIVING PARTY DATA

| Name: | NIPPON TELEGRAPH AND TELEPHONE CORPORATION |
|-------------------|--|
| Street Address: | 5-1, OTEMACHI 1-CHOME |
| Internal Address: | CHIYODA-KU |
| City: | TOKYO |
| State/Country: | JAPAN |
| Postal Code: | 1008116 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17429530 |

CORRESPONDENCE DATA

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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.

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| ATTORNEY DOCKET NUMBER: | 49369-0351US1 |
|-------------------------|--|
| NAME OF SUBMITTER: | MIYUKI CHRISTOPHER |
| SIGNATURE: | /Miyuki Christopher/ |
| DATE SIGNED: | 08/27/2021 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

PATENT 506841769 REEL: 057314 FRAME: 0661

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| | SERVICE PLACEMENT SELECTION METHOD AND SERVICE PLACEMENT SELECTION PROGRAM |
|---|---|
| As the below named | I inventor, I hereby declare that: |
| This declaration | The attached application, or |
| is directed to: | United States application or PCT international application number PCT/JP2020/005688 filed on February 14, 2020 |
| The above-identified | d application was made or authorized to be made by me. |
| I believe that I am th | ne original inventor or an original joint inventor of a claimed invention in the application. |
| WHEREAS, NIP | PON TELEGRAPH AND TELEPHONE CORPORATION |
| | to as "ASSIGNEE") having places of business at: <u>5-1, Otemachi 1-chome, Chiyoda-ku. Tokyo</u> |
| 1008116, Japan , is Letters Patent that r foreign countries; | desirous of acquiring the entire right, title and interest in and to said invention and in and to any may be granted therefore in the United States and its territorial possessions and in any and all |
| I, by these presents of in the United States under the terms of the aforesaid application therefor in the Unite | ORE, for good, valuable, and adequate consideration, the receipt of which is hereby acknowledged, to sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention and its territorial possessions and in all foreign countries (including the right to claim priority ne International Convention and other relevant International Treaties and Arrangements from the a) and the entire right, title and interest in and to any and all Letters Patent which may be granted d States and its territorial possessions and in any and all foreign countries and in and to any and s, continuations, substitutions and renewals thereof. |
| and all foreign count of my entire right, til and assigns, to the fu | e and request the Patent Office Officials in the United States and its territorial possessions and any tries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee the and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors all end of the term for which said Letters Patent may be granted, as fully and entirely as the same d by me had this Assignment and sale not been made. |
| said invention, and substitute, renewal at Patent to be issued: ASSIGNEE, its succ | nat I will communicate to said ASSIGNEE or its representatives any facts known to me respecting testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, and reissue applications, execute all necessary assignment papers to cause any and all of said Letters to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said essors and assigns, to obtain and enforce proper protection for said invention in the United States sessions and in any and all foreign countries. |
| | edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both. |
| LEGAL NAME OF | |
| Inventor: KATA | OKA, Misao Date: february 19, 2021 |
| Signature: \hspace \hspace \frac{1}{7} | 图操 |
| | · · · · · · · · · · · · · · · · · · · |

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| Invention SERVICE PLACEMENT SELECTION METHOD AND SERVICE PLACEMENT SELECTION PROGRAM | VICE PLACEMENT |
|--|---|
| As the below named inventor, I hereby declare that: | |
| This declaration The attached application, or | |
| is directed to: United States application or PCT international application numfiled on February 14, 2020 | ber PCT/JP2020/005688 |
| 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 inv | vention in the application. |
| WHEREAS, NIPPON TELEGRAPH AND TELEPHONE CORPORATION | |
| (hereinafter referred to as "ASSIGNEE") having places of business at: 5-1. Otema 1008116, Japan, is desirous of acquiring the entire right, title and interest in and to Letters Patent that may be granted therefore in the United States and its territoric foreign countries; | o said invention and in and to any |
| NOW, THEREFORE, for good, valuable, and adequate consideration, the receipt I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and ex in the United States and its territorial possessions and in all foreign countries (incunder the terms of the International Convention and other relevant International Transforesaid application) and the entire right, title and interest in and to any and all Let therefor in the United States and its territorial possessions and in any and all foreignall divisions, reissues, continuations, substitutions and renewals thereof. | clusive right to the said invention cluding the right to claim priority eaties and Arrangements from the tters Patent which may be granted |
| I hereby authorize and request the Patent Office Officials in the United States and and all foreign countries to issue any and all of said Letters Patent, when granted, to of my entire right, title and interest in and to the same, for the sole use and behoof and assigns, to the full end of the term for which said Letters Patent may be granted would have been held by me had this Assignment and sale not been made. | o said ASSIGNEE as the assignee of said ASSIGNEE, its successors |
| Further, I agree that I will communicate to said ASSIGNEE or its representatives said invention, and testify in any legal proceeding, sign all lawful papers, exe substitute, renewal and reissue applications, execute all necessary assignment papers Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally d ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for sand its territorial possessions and in any and all foreign countries. | cute all divisional, continuation, to cause any and all of said Letters o everything possible to aid said |
| I hereby acknowledge that any willful false statement made in this declaration is by fine or imprisonment of not more than five (5) years, or both. LEGAL NAME OF INVENTOR | punishable under 18 U.S.C. 1001 |
| | • |
| | 2/15/2021 |
| Signature: Hirofumi Noguchi | |

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| 1 | SERVICE PLACEMENT SELECTION METHOD AND SERVICE PLACEMENT ELECTION PROGRAM |
|--|---|
| As the below named | inventor, I hereby declare that: |
| This declaration | The attached application, or |
| is directed to: | United States application or PCT international application number PCT/JP2020/005688 filed on February 14, 2020 |
| The above-identified | application was made or authorized to be made by me. |
| I believe that I am th | e original inventor or an original joint inventor of a claimed invention in the application. |
| | PON TELEGRAPH AND TELEPHONE CORPORATION |
| 1008116, Japan , is | to as "ASSIGNEE") having places of business at: 5-1. Otemachi 1-chome, Chivoda-ku, Tokyo desirous of acquiring the entire right, title and interest in and to said invention and in and to any nay be granted therefore in the United States and its territorial possessions and in any and all |
| I, by these presents d in the United States under the terms of th aforesaid application therefor in the United | ORE, for good, valuable, and adequate consideration, the receipt of which is hereby acknowledged, to sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention and its territorial possessions and in all foreign countries (including the right to claim priority to International Convention and other relevant International Treaties and Arrangements from the and the entire right, title and interest in and to any and all Letters Patent which may be granted d States and its territorial possessions and in any and all foreign countries and in and to any and so, continuations, substitutions and renewals thereof. |
| and all foreign count of my entire right, tit and assigns, to the fu | and request the Patent Office Officials in the United States and its territorial possessions and any ries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee le and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors all end of the term for which said Letters Patent may be granted, as fully and entirely as the same d by me had this Assignment and sale not been made. |
| said invention, and substitute, renewal ar Patent to be issued t ASSIGNEE, its succe | at I will communicate to said ASSIGNEE or its representatives any facts known to me respecting testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, and reissue applications, execute all necessary assignment papers to cause any and all of said Letters to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said essors and assigns, to obtain and enforce proper protection for said invention in the United States sessions and in any and all foreign countries. |
| | edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 tent of not more than five (5) years, or both. |
| | A, Takuma Date: 2/19 (202) |
| Signature: Tak | · |

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| Title of SERVICE PLACEMENT SELECTION METHOD AND SERVICE PLACEMENT SELECTION PROGRAM |
|--|
| As the below named inventor. Thereby declare that: |
| This decigration [] The attached application, or |
| is directed to: [X] United States application or PCT international application number PCT/JP2020/005688 filed on February 14, 2020 |
| 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. |
| WHEREAS. <u>NIPPON TELEGRAPH AND TELEPHONE CORPORATION</u> (hereinafter referred to as "ASSIGNEE") having places of business at <u>5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 1008116. Japan</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in and Jo aps Lesters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries: |
| NOW, THEREFORE, for good, valuable, and adequate consideration, the receipt of which is hereby acknowledged I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said inventior in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof. |
| I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assigned of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made. |
| Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful ouths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries. |
| 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. LEGAL NAME OF INVENTOR |
| Inventor: YAMATO, Yoji Date: Feb 15th 2021 |
| Signature: Joji Kamato |
| |

PATENT REEL: 057314 FRAME: 0666

RECORDED: 08/27/2021