

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6569626

| | |
|---|---|
| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the ADDRESS OF THE ASSIGNEE previously recorded on Reel 055165 Frame 0156. Assignor(s) hereby confirms the ASSIGNMENT. |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| AKIO SUGAHARA | 10/11/2019 |
| TAKAYA HANDA | 10/11/2019 |
| RYOSUKE ISOMURA | 10/11/2019 |
| KAZUTO UEHARA | 10/11/2019 |
| JUNICHI SATO | 10/15/2019 |
| NORICHIKA ASAOKA | 10/11/2019 |
| MASASHI YAMAOKA | 10/11/2019 |
| BUSHNAQ SANAD | 11/12/2019 |
| YUZURU SHIBAZAKI | 10/11/2019 |
| NORIYASU KUMAZAKI | 10/11/2019 |
| YURI TERADA | 10/11/2019 |
| RECEIVING PARTY DATA | |
| Name: | TOSHIBA MEMORY CORPORATION |
| Street Address: | 1-1, SHIBAURA 1-CHOME |
| City: | MINATO-KU, TOKYO |
| State/Country: | JAPAN |
| Postal Code: | 105-0023 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 17168822 |
| CORRESPONDENCE DATA | |
| Fax Number: | |
| <i>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.</i> | |
| Phone: | 2123194900 |
| Email: | tmcdonald@HHPATENT.COM |
| Correspondent Name: | HOLTZ, HOLTZ & VOLEK PC |
| Address Line 1: | 630 NINTH AVE |

| | |
|------------------------|--------------------------|
| Address Line 2: | SUITE 1010 |
| Address Line 4: | NEW YORK, NEW YORK 10036 |

| | |
|--------------------------------|---------|
| ATTORNEY DOCKET NUMBER: | 19349C1 |
|--------------------------------|---------|

| | |
|---------------------------|-----------------|
| NAME OF SUBMITTER: | TAYLER MCDONALD |
|---------------------------|-----------------|

| | |
|-------------------|-------------------|
| SIGNATURE: | /Tayler McDonald/ |
|-------------------|-------------------|

| | |
|---------------------|------------|
| DATE SIGNED: | 02/24/2021 |
|---------------------|------------|

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| | This document serves as an Oath/Declaration (37 CFR 1.63). |
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Total Attachments: 7

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6537039

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| AKIO SUGAHARA | 10/11/2019 |
| TAKAYA HANDA | 10/11/2019 |
| RYOSUKE ISOMURA | 10/11/2019 |
| KAZUTO UEHARA | 10/11/2019 |
| JUNICHI SATO | 10/15/2019 |
| NORICHIKA ASAOKA | 10/11/2019 |
| MASASHI YAMAOKA | 10/11/2019 |
| BUSHNAQ SANAD | 11/12/2019 |
| YUZURU SHIBAZAKI | 10/11/2019 |
| NORIYASU KUMAZAKI | 10/11/2019 |
| YURI TERADA | 10/11/2019 |

RECEIVING PARTY DATA

| | |
|------------------------|----------------------------|
| Name: | TOSHIBA MEMORY CORPORATION |
| Street Address: | 1-1, SHIBAURA 1-CHOME |
| City: | SHIBUYA-KU, TOKYO |
| State/Country: | JAPAN |
| Postal Code: | 105-0023 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|----------------------------|----------|
| Application Number: | 17168822 |

CORRESPONDENCE DATA

Fax Number: (212)319-5101

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: 2123194900

Email: tmcdonald@HHPATENT.COM

Correspondent Name: HOLTZ, HOLTZ & VOLEK PC

Address Line 1: 630 NINTH AVENUE

Address Line 2: SUITE 1010

Address Line 4: NEW YORK, NEW YORK 10036-3744

PATENT

REEL: 055404 FRAME: 0505

**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 Invention | MEMORY DEVICE |
|-------------------------------|----------------------|

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 16/567,982
filed on September 11, 2019

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, Toshiba Memory Corporation
(hereinafter referred to as "ASSIGNEE") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, 105-0023, Japan
is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention 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 assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) 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 (his) 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 oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) 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: (1) Akio Sugahara Date: Oct. 11, 2019

Signature: Akio Sugahara

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| SUPPLEMENTAL SHEET FOR DECLARATION | ADDITIONAL INVENTOR(S) |
| | Supplemental Sheet (for PTO/AIA/US, 09) |

Page 2 of 2

| | |
|---|-------------------------------------|
| Legal Name of Additional Joint Inventor, if any | |
| (2) Takaya Handa | |
| Inventor's Signature <i>Takaya Handa</i> | Date(Optional) <i>Oct. 11, 2019</i> |
| Legal Name of Additional Joint Inventor, if any | |
| (3) Ryosuke Isomura | |
| Inventor's Signature <i>Ryosuke Isomura</i> | Date(Optional) <i>Oct. 11, 2019</i> |
| Legal Name of Additional Joint Inventor, if any | |
| (4) Kazuto Uehara | |
| Inventor's Signature <i>Kazuto Uehara</i> | Date(Optional) <i>Oct. 11, 2019</i> |
| Legal Name of Additional Joint Inventor, if any | |
| (5) Junichi Sato | |
| Inventor's Signature <i>Junichi Sato</i> | Date(Optional) <i>Oct. 15, 2019</i> |
| Legal Name of Additional Joint Inventor, if any | |
| (6) Norichika Asaoka | |
| Inventor's Signature <i>Norichika Asaoka</i> | Date(Optional) <i>Oct. 11, 2019</i> |
| Legal Name of Additional Joint Inventor, if any | |
| (7) Masashi Yamaoka | |
| Inventor's Signature <i>Masashi Yamaoka</i> | Date(Optional) <i>Oct. 11, 2019</i> |
| Legal Name of Additional Joint Inventor, if any | |
| (8) Bushnaq Sanad | |
| Inventor's Signature | Date(Optional) |
| Legal Name of Additional Joint Inventor, if any | |
| (9) Yuzuru Shibasaki | |
| Inventor's Signature <i>Y. Shibasaki</i> | Date(Optional) <i>OCT. 11, 2019</i> |

SUPPLEMENTAL SHEET FOR DECLARATION

ADDITIONAL INVENTOR(S)

Supplemental Sheet for PTO/AIA/US, 06

Page 2 of 2

| | |
|---|-------------------------------------|
| Legal Name of Additional Joint Inventor, if any | |
| (2) Takaya Henda | |
| Inventor's Signature | Date(Optional) |
| Legal Name of Additional Joint Inventor, if any | |
| (3) Ryosuke Isomura | |
| Inventor's Signature | Date(Optional) |
| Legal Name of Additional Joint Inventor, if any | |
| (4) Kazuto Uehara | |
| Inventor's Signature | Date(Optional) |
| Legal Name of Additional Joint Inventor, if any | |
| (5) Junichi Sato | |
| Inventor's Signature | Date(Optional) |
| Legal Name of Additional Joint Inventor, if any | |
| (6) Norichika Asaka | |
| Inventor's Signature | Date(Optional) |
| Legal Name of Additional Joint Inventor, if any | |
| (7) Masuahi Yamaoka | |
| Inventor's Signature | Date(Optional) |
| Legal Name of Additional Joint Inventor, if any | |
| (8) Bushnaq Sanad | |
| Inventor's Signature Sanad Bushnaq | November 12, 2019 Date(Optional) |
| Legal Name of Additional Joint Inventor, if any | |
| (9) Yuzuru Shibasaki | |
| Inventor's Signature | Date(Optional) |

| | |
|------------------------------------|---|
| SUPPLEMENTAL SHEET FOR DECLARATION | ADDITIONAL INVENTOR(S) |
| | Supplemental Sheet (for PTO/AIA/US, 00) |

Page 3 of 3

| | |
|--|----------------------------------|
| Legal Name of Additional Joint Inventor, if any | |
| (10) Noriyasu Kumazaki | |
| Inventor's Signature <i>Noriyasu Kumazaki</i> | Oct. 11, 2019 Date (Optional) |
| Legal Name of Additional Joint Inventor, if any | |
| (11) Yuri Terada | |
| Inventor's Signature <i>Yuri Terada</i> | Oct. 11, 2019 Date (Optional) |