### 506309281 10/19/2020

## PATENT ASSIGNMENT COVER SHEET

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

#### **CONVEYING PARTY DATA**

| Name            | Execution Date |
|-----------------|----------------|
| YUMI FUKUDA     | 09/23/2020     |
| KOICHI HARADA   | 09/23/2020     |
| YASUSHI HATTORI | 09/23/2020     |
| MAKI YONETSU    | 09/23/2020     |
| KENJI ESSAKI    | 09/23/2020     |
| KEIKO ALBESSARD | 09/23/2020     |
| YASUHIRO GOTO   | 10/01/2020     |

#### **RECEIVING PARTY DATA**

| Name:           | KABUSHIKI KAISHA TOSHIBA         |  |
|-----------------|----------------------------------|--|
| Street Address: | 1-1, SHIBAURA 1-CHOME, MINATO-KU |  |
| City:           | TOKYO                            |  |
| State/Country:  | JAPAN                            |  |

#### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 17007087 |

#### **CORRESPONDENCE DATA**

Fax Number:

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:** 202-408-4000

**Email:** anita.nylander@finnegan.com

Correspondent Name: FINNEGAN, HENDERSON, FARABOW, GARRETT &

Address Line 1: 901 NEW YORK AVENUE, NW
Address Line 4: WASHINGTON, D.C. 20001-4413

| ATTORNEY DOCKET NUMBER: | 04173.0686          |  |
|-------------------------|---------------------|--|
| NAME OF SUBMITTER:      | ANITA L. NYLANDER   |  |
| SIGNATURE:              | /Anita L. Nylander/ |  |
| DATE SIGNED:            | 10/19/2020          |  |

**Total Attachments: 3** 

PATENT REEL: 054094 FRAME: 0585 source=decl-asgt#page1.tif
source=decl-asgt#page2.tif
source=decl-asgt#page3.tif

PATENT REEL: 054094 FRAME: 0586

SOLE/JOINT INVENTION Attorney Docket No.: 04173.0686

# COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

#### **DECLARATION OF INVENTOR(S):**

As one of the below-named inventor(s), I hereby declare that this Declaration is directed to an application for United States Letters Patent entitled:

#### STRUCTURE AND JOINED COMPOSITE

filed herewith (hereafter the "above-identified application"), and as also disclosed and claimed in the related applications identified below:

| Application Number | Country | Filing Date    |
|--------------------|---------|----------------|
| P2020-048712       | Japan   | March 19, 2020 |

As a named inventor below, I further declare that:

- (1) the above-identified application was made or authorized to be made by me;
- (2) I believe I am an original inventor or an original joint inventor of a claimed invention in the above-identified application;
- (3) I have reviewed and understand the contents of the application, including the claims;
- (4) I hereby acknowledge that any willful false statements made in this declaration are punishable by fine or imprisonment of not more than five (5) years, or both, under section 1001 of Title 18 of the United States Code; and
- (5) 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 C.F.R. § 1.56.

#### ASSIGNMENT:

WHEREAS the below-named inventor(s) (each individual inventor hereafter "Assignor") has/have invented an invention disclosed and claimed in the above-identified application and the above related applications; and

| WHEREAS, _    | Kabushiki Kais  | ha Toshiba                                    |  |
|---------------|-----------------|---|--|
| a corporation | of <b>Japan</b> |   |  |
| whose post of | fice address is | 1-1, Shibaura 1-chome, Minato-ku, Tokyo Japan |  |

(hereafter "Assignee"), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, the above-identified application for United States Letters Patent on this invention, and the Letters Patent to be issued upon the above-identified application:

SOLE/JOINT INVENTION Attorney Docket No.: 04173.0686

NOW THEREFORE, be it known that, for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, Assignor has sold, assigned, transferred, and set over, and does hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, Assignor's entire right, title, and interest in and to this invention and the above-identified application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority in any foreign country on the basis of any of the related applications identified above, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof;

AND, ASSIGNOR HEREBY authorizes and requests the Director of the U.S. Patent and Trademark Office to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, ASSIGNOR HEREBY covenants that Assignor has the full right to convey the interest assigned by this Assignment;

AND, ASSIGNOR HEREBY further covenant and agree that Assignor will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to Assignor respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and in any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

| 1. FULL NAME OF FIRST ASSIGNOR / INVENTOR  | SIGNATURE       | DATE           |
|--|-----------------|----------------|
| Yumi FUKUDA                                | Zpimi Tukuda    | Sept. 23, 2020 |
| 2. FULL NAME OF SECOND ASSIGNOR / INVENTOR | SIGNATURE       | DATE           |
| Koichi HARADA                              | Koichi Harada   | Sept. 23-2020  |
| 3. FULL NAME OF THIRD ASSIGNOR / INVENTOR  | SIGNATURE       | DATE           |
| Yasushi HATTORI                            | yours Hattal    | Sept. 23.2020  |
| 4. FULL NAME OF FOURTH ASSIGNOR/INVENTOR   | SIGNATURE       | DATE           |
| Maki YONETSU                               | Make Youten     | Jept. 29. 2020 |
| 5. FULL NAME OF FIFTH ASSIGNOR/INVENTOR    | SIGNATURE       | DATE           |
| Kenji ESSAKI                               |                 |                |
| 6. FULL NAME OF SIXTH ASSIGNOR/INVENTOR    | SIGNATURE       | DATE           |
| Keiko ALBESSARD                            | Keiko Albessard | Spt. 23,2020   |
| 7. FULL NAME OF SEVENTH ASSIGNOR/INVENTOR  | SIGNATURE       | DATE           |
| Yasuhiro GOTO                              | Yasuhiro Yoto   | Oct. 1,2020    |

SOLE/JOINT INVENTION Attorney Docket No.: 04173.0686

NOW THEREFORE, be it known that, for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, Assignor has sold, assigned, transferred, and set over, and does hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, Assignor's entire right, title, and interest in and to this invention and the above-identified application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority in any foreign country on the basis of any of the related applications identified above, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof;

AND, ASSIGNOR HEREBY authorizes and requests the Director of the U.S. Patent and Trademark Office to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, ASSIGNOR HEREBY covenants that Assignor has the full right to convey the interest assigned by this Assignment;

AND, ASSIGNOR HEREBY further covenant and agree that Assignor will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to Assignor respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and in any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

| 1, FULL NAME OF FIRST ASSIGNOR / INVENTOR  | SIGNATURE     | DATE               |
|--|---------------|--------------------|
| V  |               |                    |
| Yumi FUKUDA                                |               |                    |
| 2. FULL NAME OF SECOND ASSIGNOR / INVENTOR | SIGNATURE     | DATE               |
|  |               |                    |
| Kolchi HARADA                              |               |                    |
| 3. FULL NAME OF THIRD ASSIGNOR / INVENTOR  | SIGNATURE     | DATE               |
| A.C  |               |                    |
| Yasushi HATTORI                            |               |                    |
| 4. FULL NAME OF FOURTH ASSIGNOR/INVENTOR   | SIGNATURE     | DATE               |
| Mald YONETSU                               |               |                    |
| Wate TONE 100                              |               |                    |
| 5. FULL NAME OF FIFTH ASSIGNOR/INVENTOR    | SIGNATURE     | DATE               |
| Kenii ESSAKI                               | Idenji Essaki | September 23, 2020 |
| Keili Eggyiti                              | <u> </u>      |                    |
| 6. FULL NAME OF SIXTH ASSIGNOR/INVENTOR    | SIGNATURE     | DATE               |
| Keiko ALBESSARD                            |               |                    |
| Neinu Albidoannu                           |               |                    |
| 7. FULL NAME OF SEVENTH ASSIGNOR/INVENTOR  | SIGNATURE     | DATE               |
| Yasuhiro GOTO                              |               |                    |
| rasumo COTO                                |               |                    |

Page 2 of 2

**RECORDED: 10/19/2020**