

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| SUSUMU TACHI | 10/09/2018 |
| MASASHI NAKATANI | 10/09/2018 |
| KATSUNARI SATO | 10/09/2018 |
| KOUTA MINAMIZAWA | 11/23/2018 |
| HIROYUKI KAJIMOTO | 10/09/2018 |
| RECEIVING PARTY DATA | |
| Name: | JAPAN SCIENCE AND TECHNOLOGY AGENCY |
| Street Address: | 4-1-8, HONCHO, KAWAGUCHI-SHI |
| City: | SAITAMA |
| State/Country: | JAPAN |
| Postal Code: | 332-0012 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16153008 |
| CORRESPONDENCE DATA | |
| Fax Number: | (703)621-7155 |
| <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> | |
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| ATTORNEY DOCKET NUMBER: | 5443/0172PUS1 |
| NAME OF SUBMITTER: | JOE MCKINNEY MUNCY |
| SIGNATURE: | /Joe McKinney Muncy/ |
| DATE SIGNED: | 01/07/2019 |
| Total Attachments: 15 | |
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MUNCY, GEISSLER, OLDS & LOWE, P.C.

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: TACTILE INFORMATION CONVERSION DEVICE, TACTILE INFORMATION CONVERSION METHOD, TACTILE INFORMATION CONVERSION PROGRAM, AND ELEMENT ARRANGEMENT STRUCTURE

As a below named inventor, I hereby declare that:

This declaration is directed to:

☒ The attached application; or

☐ United States application number or PCT international application number PCT/JP2017/014571, filed on April 7, 2017.

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.

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.

Direct all correspondence to the address associated with Customer Number 60601.

WHEREAS, JAPAN SCIENCE AND TECHNOLOGY AGENCY of 4-1-8, Honcho, Kawaguchi-shi, Saitama 332-0012 Japan, its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and ☐ in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred; and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said

invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

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The undersigned hereby grant(s) the law firm of Muncy, Geissler, Olds & Lowe, P.C. the power to insert on this Assignment any further identification which may be necessary or desirable

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

LEGAL NAME OF FIRST OR SOLE INVENTOR:

Susumu TACHI

Signature: _____ Date: _____

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:

Masashi NAKATANI

Signature: _____ Date: _____

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:

Katsunari SATO

Signature: _____ Date: _____

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:

Kouta MINAMIZAWA

Signature: Kouta Date: Nov. 23. 2018

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:

Hiroyuki KAJIMOTO

Signature: _____ Date: _____

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Signature: _____ Date: _____

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Signature: _____ Date: _____

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:

Katsunari SATO

Signature: _____ Date: _____

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:

Kouta MINAMIZAWA

Signature: _____ Date: _____

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:

Hiroyuki KAJIMOTO

Signature: Hiroyuki Kajimoto Date: Oct. 9, 2018

MUNCY, GEISSLER, OLDS & LOWE, P.C.

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Signature: _____ Date: _____

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:

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Signature:  Date: Oct. 9th, 2018

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Signature: _____ Date: _____

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:

Katsunari SATO

Signature: Katsunari Sato Date: October 9th, 2018

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Signature:  Date: October 9, 2018

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