506274806 09/28/2020

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6321553

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

#### **CONVEYING PARTY DATA**

| Name              | Execution Date |
|-------------------|----------------|
| KEITA TOMOCHIKA   | 09/22/2020     |
| TAKUYA KIYOKAWA   | 09/19/2020     |
| TSUKASA OGASAWARA | 09/23/2020     |
| JUN TAKAMATSU     | 09/23/2020     |
| MING DING         | 09/19/2020     |

#### **RECEIVING PARTY DATA**

| Name:           | NATIONAL UNIVERSITY CORPORATION NARA INSTITUTE OF SCIENCE AND TECHNOLOGY |
|-----------------|--|
| Street Address: | 8916-5, TAKAYAMA-CHO, IKOMA-SHI  |
| City:           | NARA   |
| State/Country:  | JAPAN  |
| Postal Code:    | 6300192  |

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

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 17042481 |

#### **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: | 6047-2-9       |
|-------------------------|----------------|
| NAME OF SUBMITTER:      | JOHN OGILVIE   |
| SIGNATURE:              | /John Ogilvie/ |
| DATE SIGNED:            | 09/28/2020     |

**Total Attachments: 5** 

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PATENT REEL: 053902 FRAME: 0835

| Attorney Dacket No. | - |
|---------------------|---|
|---------------------|---|

### **ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby, assign(s), sell(s) and transfer(s) to

## NATIONAL UNIVERSITY CORPORATION NARA INSTITUTE OF SCIENCE AND TECHNOLOGY

| 8916-5, Takayan  | ia-cho, Ikoma-shi, Nara 63  | 0-0192 Japan   |  |  |
|--|---|--|--|--|
| as Assignee, and its successors, assigns<br>in the United States of America, and its t<br>known as   | s or other legal representatives, t<br>erritories, dependencies and pos | he entire right, litte and interest, sessions, to certain inventions |  |  |
| LEARNING DATA  | LEARNING DATASET CREATION METHOD AND DEVICE                             |  |  |  |
| described in an application for Letters Pa   | itent of the United States executi                                      | ed   |  |  |
| X on even date herewith  |   |  |  |  |
| as U.S. Application Serial No.   | filed on  |  |  |  |
| as well as any and all continuations, divit<br>may be granted therefor. The undersign<br>Commissioner of Patents and Trademan  | ed hereby authorize(s) and requ   | est(s) the United States   |  |  |
| The undersigned agree(s), when requested, to sign all papers, take all rightful oaths, and perform all acts which may be necessary for securing, maintaining and enforcing patents for said inventions and for vesting title thereto in said Assignee.                       |   |  |  |  |
| The undersigned authorize(s) and empower(s) said Assignee to invoke and claim the benefit of the right of priority provided under any and all international conventions and treaties in respect of said inventions, as may be necessary in connection with said application. |   |  |  |  |
| The undersigned also authorize(s) Ogilvie Law Firm to insert hereon any further identification that may be necessary or desirable for recordation of this document.  |   |  |  |  |
| 友近 多达<br>Inventor 1: <b>TOMOCHIKA, Keita</b>   | 22/SEP/2020<br>Date   | Leisboth Farma<br>Witness  |  |  |
| Inventor 2: KIYOKAWA, Takuya   | Date  | Witness  |  |  |
| Inventor 3: OGASAWARA, Tsukasa   | Date  | Witness  |  |  |
| Inventor 4: TAKAMATSU, Jun   | Date  | Witness  |  |  |

Date

Inventor 5: DING, Ming

**PATENT** REEL: 053902 FRAME: 0836

Witness

| icknowledged, the undersigned hereby a<br>NATIONAL UNIVER:<br>SCI   | ogree(s) to assign, and her<br>SITY CORPORATION<br>ENCE AND TECHNOI   | reby, assign(s), sell(s) and transfer(s) to  NARA INSTITUTE OF   |
|---|---|--|
| SCI   | ogree(s) to assign, and her<br>SITY CORPORATION<br>ENCE AND TECHNOI   | reby, assign(s), sell(s) and transfer(s) to  NARA INSTITUTE OF   |
| SCI   | ENCE AND TECHNOI  |  |
| 8916-5, Takayam   |   |  |
|   | ia-cho, Ikoma-shi, Na   | ra 630-0192 Japan  |
| as Assignee, and its successors, assigns<br>in the United States of America, and its to<br>known as   | s or other legal representa<br>erritories, dependencies at  | tives, the entire right, title and interest,<br>nd possessions, to certain inventions  |
| LEARNING DATA   | ASET CREATION MET   | HOD AND DEVICE   |
| described in an application for Letters Pa  | atent of the United States  | executed   |
| X on even date herewith   |   |  |
| as U.S. Application Serial No.  | file  | d on   |
| may be granted therefor. The undersign Commissioner of Patents and Trademark The undersigned agree(s), when request which may be necessary for securing, movesting title thereto in said Assignee.  The undersigned authorize(s) and emporpriority provided under any and all intermany be necessary in connection with said The undersigned also authorize(s) Ogilvi   | ks to Issue said Letters Pa<br>ted, to sign all papers, take<br>aintaining and enforcing p<br>wer(s) said Assignee to in<br>ational conventions and tr<br>id application. | e all rightful oaths, and perform all acts atents for said inventions and for worke and claim the benefit of the right of eaties in respect of said inventions, as |
| necessary or desirable for recordation of   | f this document.  | to daily internet contrational and an internet po-   |
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| *   |   | ·  |
|   | · · · · · · · · · · · · · · · · · · ·   |  |
| Inventor 1: TOMOCHIKA, Keita  | Date  | Witness  |
| Topyja Lijapova.  | 19/Sep./2020  | Keishichi Ogura  |
| · //- W   | Clarko  | Witness  |
| Inventor 2: KIYOKAWA, Takuya  | Date  | vyte to a a  |
| - Lander School | Light   | 7716 (CSS  |

Date

Date

Inventor 4: TAKAMATSU, Jun

Inventor 5: DING, Ming

PATENT REEL: 053902 FRAME: 0837

Witness

Witness

| ASSIGNMENT  |                      |                |  |
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| NATIONAL UNIVERSITY CORPORATION NARA INSTITUTE OF SCIENCE AND TECHNOLOGY 8916-5, Takayama-cho, Ikoma-shi, Nara 630-0192 Japan   |                      |                |  |
| as Assignee, and its successors, assigns or other legal representatives, the entire right, title and interest, in the United States of America, and its territories, dependencies and possessions, to certain inventions known as   |                      |                |  |
| LEARNING DA   | TASET CREATION METHO | D AND DEVICE   |  |
| described in an application for Letters Patent of the United States executed  |                      |                |  |
| X on even date herewith   |                      |                |  |
| as U.S. Application Serial No.  | filed on             |                |  |
| as well as any and all continuations, divisions, and reissues of said application and all Letters Patents that may be granted therefor. The undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent or Letters Patents to said Assignee. |                      |                |  |
| The undersigned agree(s), when requested, to sign all papers, take all rightful caths, and perform all acts which may be necessary for securing, maintaining and enforcing patents for said inventions and for vesting title thereto in said Assignee.  |                      |                |  |
| The undersigned authorize(s) and empower(s) said Assignee to invoke and claim the benefit of the right of priority provided under any and all international conventions and treaties in respect of said inventions, as may be necessary in connection with said application.  |                      |                |  |
| The undersigned also authorize(s) Ogilvie Law Firm to insert hereon any further identification that may be necessary or desirable for recordation of this document.   |                      |                |  |
| Inventor 1: TOMOCHIKA, Keita  | En. 1                |                |  |
| inventor r. romounina, netta  | Date                 | Witness        |  |
| Inventor 2: KIYOKAWA, Takuya  | Date                 | Witness        |  |
| T. Ogaseu Inventor 9: OGASAWARA, Tsukas   | 23/Sep. /2020        | Keishichi Ozwa |  |
| Inventor 5: OGASAWARA, Tsukas   | a Date               | Witness        |  |

Inventor 4: TAKAMATSU, Jun

Inventor 5: DING, Ming

Date

Date

PATENT REEL: 053902 FRAME: 0838

Witness

Witness

Altorney Docket No.

|   | Afterney Docket No.               |  |  |
|---|-----------------------------------|--|--|
| ASSIGNMENT  |                                   |  |  |
| For good and valuable consideration, the receipt and sufficiency of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby, assign(s), sell(s) and transfer(s) to  |                                   |  |  |
| NATIONAL UNIVERSITY CORPORATION NARA INSTITUTE OF<br>SCIENCE AND TECHNOLOGY<br>8916-5, Takayama-cho, Ikoma-shi, Nara 630-0192 Japan   |                                   |  |  |
| as Assignee, and its successors, assigns or other legal representatives, the entire right, title and interest, in the United States of America, and its territories, dependencies and possessions, to certain inventions known as   |                                   |  |  |
| LEARNING DATASET CREATION METH  | OD AND DEVICE                     |  |  |
| described in an application for Letters Patent of the United States ex  | ecuted                            |  |  |
| X on even date herewith   |                                   |  |  |
| as U.S. Application Serial No. filed o  | · ·                               |  |  |
| med C   | 551                               |  |  |
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| The undersigned also authorize(s) Ogilvie Law Firm to insert hereon any further identification that may be necessary or desirable for recordation of this document.   |                                   |  |  |
| •   |                                   |  |  |
|   |                                   |  |  |
| <b>?</b>  |                                   |  |  |
| Inventor 1: TOMOCHIKA, Keita Date   | Witness                           |  |  |
|   |                                   |  |  |
| ( n MO/M/XXXXX T )  | <del>Villa de la composição</del> |  |  |
| Inventor 2; KIYOKAWA, Takuya Date   | Witness                           |  |  |
|   |                                   |  |  |
| Inventor 3: OGASAWARA, Tsukasa Date   | Witness                           |  |  |
| Jun Takangrin. 23/Sep/2020  | Keisheli Ogwa                     |  |  |
| Inventor 4: TAKAMATSU, Jun Date   | Witness                           |  |  |

Date

Inventor 5: DING, Ming

PATENT REEL: 053902 FRAME: 0839

Witness

| Allorney Docket No. |  |
|---------------------|--|
|                     |  |

#### **ASSIGNMENT**

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# NATIONAL UNIVERSITY CORPORATION NARA INSTITUTE OF SCIENCE AND TECHNOLOGY

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as Assignee, and its successors, assigns or other legal representatives, the entire right, title and interest, in the United States of America, and its territories, dependencies and possessions, to certain inventions known as

| known as  | terntones, depende                             | encies and possessions, to certain inventions  |
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| LEARNING DAT  | ASET CREATIO                                   | N METHOD AND DEVICE  |
| described in an application for Letters F   | Patent of the United                           | States executed  |
| X on even date herewith   |  |  |
| as U.S. Application Serial No.  | ······································         | filed on   |
| may be granted therefor. The undersig   | ned hereby authoriz                            | s of said application and all Letters Patents that<br>te(s) and request(s) the United States<br>tters Patent or Letters Patents to said Assignee |
| The undersigned agree(s), when reque which may be necessary for securing, r vesting title thereto in said Assignee. | sted, to sign all pape<br>naintaining and enfo | ers, take all rightful oaths, and perform all acts orcing patents for said inventions and for  |
| The undersigned authorize(s) and empiricity provided under any and all interimay be necessary in connection with sa | national conventions                           | ee to invoke and claim the benefit of the right of<br>s and treatles in respect of said inventions, as   |
| The undersigned also authorize(s) Ogih<br>necessary or desirable for recordation of                                 | rie Law Firm to inser<br>of this document.     | t hereon any further identification that may be  |
| Inventor 1: TOMOCHIKA, Keita  | Date   | Witness  |
| Inventor 2: KIYOKAWA, Takuya  | Date   | Witness  |
| Inventor 3: OGASAWARA, Tsukas   | a Date   | Witness  |
| Inventor 4: TAKAMATSU, Jun  | Date   | Witness  |
| Ming Ding   | 19/300/20                                      | 120 Kishol Ogwan   |
| Inventor 5 DING, Ming   | Date   | Witness  |

PATENT REEL: 053902 FRAME: 0840

**RECORDED: 09/28/2020**