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| PATENT ASSIGNMENT COVER SHEET |
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Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7917265

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| NEUSOFT MEDICAL SYSTEMS CO., LTD. | 04/03/2023 |
| RECEIVING PARTY DATA | |
| Name: | SHENYANG INTELLIGENT NEUCLEAR MEDICAL TECHNOLOGY CO., LTD. |
| Street Address: | ROOM 308, NO.177-2 CHUANGXIN ROAD |
| Internal Address: | HUNNAN DISTRICT |
| City: | SHENYANG, LIAONING |
| State/Country: | CHINA |
| Postal Code: | 110167 |
| PROPERTY NUMBERS Total: 17 | |
| Property Type | Number |
| Application Number: | 15262934 |
| Application Number: | 15277304 |
| Application Number: | 15487523 |
| Application Number: | 15604859 |
| Application Number: | 15708510 |
| Application Number: | 15712501 |
| Application Number: | 15790510 |
| Application Number: | 15793400 |
| Application Number: | 15798806 |
| Application Number: | 15819334 |
| Application Number: | 15872315 |
| Application Number: | 15960923 |
| Application Number: | 16019103 |
| Application Number: | 16019107 |
| Application Number: | 16859723 |
| Application Number: | 16931874 |
| Application Number: | 17037301 |
| CORRESPONDENCE DATA | |

PATENT

Fax Number: (877)769-7945

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: | 42737-0001001 |
|--------------------------------|---------------|

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| NAME OF SUBMITTER: | ALISSA TIZZANO |
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| SIGNATURE: | /Alissa Tizzano/ |
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| DATE SIGNED: | 04/24/2023 |
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Total Attachments: 5

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ASSIGNMENT

Assignor: Neusoft Medical Systems Co., Ltd.
 a corporation organized and existing under the laws of China, and having a place of
 business at:
 No. 177-1 Chuangxin Road
 Hunnan District
 Shenyang, Liaoning, 110167
 CHINA

Assignee: Shenyang Intelligent Nuclear Medical Technology Co., Ltd.
 a corporation organized and existing under the laws of China, and having a place of
 business at:
 Room 308, No.177-2 Chuangxin Road
 Hunnan District
 Shenyang, Liaoning, 110167
 CHINA

| Country | Application No. | Filing Date | Title |
|---------------|-----------------|-------------|---|
| United States | 15/262,934 | 9/12/2016 | CALIBRATING GAIN OF SCINTILLATOR DETECTOR |
| United States | 15/277,304 | 9/27/2016 | RECOGNITION OF POSITION OF CRYSTAL IN NUCLEAR DETECTOR |
| United States | 15/487,523 | 4/14/2017 | CLOCK SYNCHRONIZATION BETWEEN TIME CALIBRATION BOARDS |
| United States | 15/604,859 | 5/25/2017 | RECONSTRUCTING IMAGE |
| United States | 15/708,510 | 9/19/2017 | RECONSTRUCTING IMAGE |
| United States | 15/712,501 | 9/23/2017 | MECHANICAL LINKAGE SYSTEM OF PET AND CT/MRI AND LINKAGE SCANNING METHOD THEREOF |
| United States | 15/790,510 | 10/23/2017 | DETERMINING RESPONSE LINES FOR IMAGE RECONSTRUCTION |
| United States | 15/793,400 | 10/25/2017 | RECONSTRUCTING PET IMAGE |
| United States | 15/798,806 | 10/31/2017 | CLOCK SYNCHRONIZING |
| United States | 15/819,334 | 11/21/2017 | RECONSTRUCTING PET IMAGE |
| United States | 15/872,315 | 1/16/2018 | CORRECTING COUNT LOSS IN PET SYSTEM |
| United States | 15/960,923 | 4/24/2018 | RECONSTRUCTING IMAGE |
| United States | 16/019,103 | 6/26/2018 | CALIBRATING TIME IN PET DEVICE |
| United States | 16/019,107 | 6/26/2018 | CALIBRATING TIME IN PET DEVICE |
| United States | 16/859,723 | 4/27/2020 | CRYSTAL ARRAY, DETECTOR, MEDICAL DETECTION DEVICE AND METHOD OF MANUFACTURING CRYSTAL ARRAY |
| United States | 16/931,874 | 7/17/2020 | MEDICAL DETECTORS AND MEDICAL IMAGING DEVICES |
| United States | 17/037,301 | 9/29/2020 | RECONSTRUCTING IMAGE |

1. Assignor represents that it is the owner of the patent applications listed above, and of all foreign and domestic patents, patent applications, including continuation-in-part applications, reissues, re-examinations, certificates of invention, and the like that derive priority from, or claim the

benefit of the filing date of, the patent applications listed above (the "Patents and Patent Applications") and of all new and useful inventions and improvements that are disclosed in the Patents and Patent Applications (the "Inventions"). The Patents and Patent Applications and the Inventions are collectively referred to as the "Patent Assets."

2. Assignor hereby assigns to Assignee its entire worldwide right, title, and interest in and to the Patent Assets, including the right to file and prosecute, in Assignee's name wherever so permitted by law or in the name of Assignor wherever necessary, patent applications, including corresponding and continuing applications, reissues, re-examinations, certificates of invention, and the like based on any of the Patent Assets, and to claim priority to any of the Patents and Patent Applications pursuant to the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes.
3. Assignor shall, when requested by Assignee and at no cost to Assignor, (i) execute or cause to be executed all rightful oaths, assignments, and powers of attorney to Assignee or to agents and legal representatives of Assignee, and all other papers necessary and proper to carry out the intent and purpose of this Assignment, (ii) execute all papers necessary in connection with the Patents and Patent Applications, and any continuing, divisional, reissue, reexamination or other corresponding application thereof or post-grant proceeding relating thereto and to execute any separate assignment in connection with any such application as Assignee may deem necessary or expedient; and (iii) perform all affirmative acts that may be necessary to obtain a grant of a valid patent to Assignee on any of the Inventions.
4. Assignor hereby assigns to Assignee (a) all of Assignor's right, title, and interest in and to any claims, whether known or unknown, suspected or unsuspected, of any nature, including choses in action, that Assignor has or may have against any party for infringement of the Patents and Patent Applications and (b) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Patent Assets, and any other rights assigned by this Assignment.
5. Assignor represents that Assignor has the full right to convey the interests assigned by this Assignment, and that Assignor has not executed and will not execute any agreement in conflict with this Assignment.

6. This Assignment is binding upon and inures to the benefit of the successors and assigns of the parties.
7. To the extent any portion of the rights assigned by this Assignment has previously been assigned to the Assignee, this Assignment is a confirmation of the previous assignment.
8. Assignor acknowledges receipt of fair and adequate consideration for this Assignment.

[ASSIGNMENT CONTINUES ON SIGNATURE PAGE]

The Assignor hereby executes this Assignment.

Assignor: Neusoft Medical Systems Co., Ltd.

Signature: Bai Ruiqiang

Date: 2023.4.3

Name: Bai Ruiqiang

Title: Intellectual Property Department Director

Witnessed by:

Signature: Xing Fang

Date: 2023.4.3

Print Name: Xing Fang

Signature: Guo Xiaodan

Date: 2023.4.3

Print Name: Guo Xiaodan

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: Shenyang Intelligent Nuclear Medical Technology Co., Ltd.

Signature: Liang Guodong

Date: 2023.4.3

Name: Liang Guodong

Title: Research and Development Center Director

Witnessed by:

Signature: Chen Cong

Date: 2023.4.3

Print Name: Chen Cong

Signature: Li Xinying

Date: 2023.4.3

Print Name: Li Xinying

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