PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOSHIYA INAMI	02/10/2020
TETSU WATANUKI	02/07/2020
TETSURO UENO	02/07/2020
RYO YASUDA	02/07/2020

RECEIVING PARTY DATA

Name:	NATIONAL INSTITUTES FOR QUANTUM AND RADIOLOGICAL SCIENCE AND TECHNOLOGY
Street Address:	4-9-1, ANAGAWA, INAGE-KU
City:	CHIBA-SHI, CHIBA
State/Country:	JAPAN
Postal Code:	2638555

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16647884	

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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Address Line 4: RALEIGH, NORTH CAROLINA 27606

ATTORNEY DOCKET NUMBER:	1000/4 UTIL
NAME OF SUBMITTER:	SANDRA HESS
SIGNATURE:	/Sandra Hess/
DATE SIGNED:	03/17/2020

Total Attachments: 3

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PATENT REEL: 052133 FRAME: 0983

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PATENT REEL: 052133 FRAME: 0984 1000/4 UTIL; RKK18287/US

DECLARATION AND ASSIGNMENT OF RIGHTS

As a below named inventor (hereinafter designated as the undersigned or the Assignor, where

appropriate), I hereby declare that:

The application is as identified by the attorney docket number, title, Filing Date, or Application

Title as set forth in the following Table I.

The application in Table I 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

applications in Table I.

The undersigned hereby acknowledges 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.

WHEREAS, the undersigned, INAMI, Toshiya: WATANUKI, Tetsu; UENO, Tetsuro; and YASUDA,

Ryo; (hereinafter "Assignor") has/have invented certain new and useful improvements described in

the application(s) identified in Table I.

AND, WHEREAS, National Institutes for Quantum and Radiological Science and

Technology, having a place of business at 4-9-1, Anagawa, Inage-ku, Chiba-shi, Chiba 2638555, Japan

(hereinafter "Assignee"), has already acquired an interest in the application(s) identified in Table I by and

through an employment or other agreement between Assignor and Assignee. I further authorize an agent

of the Assignee to insert the filing date, application number, and any other identifying particulars as

required for perfecting these assignment papers.

However, in the avoidance of doubt and as confirmation of the already acquired interest by

Assignee, NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable

consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has assigned and

by these presents does hereby sell, assign, transfer, and convey unto the Assignee, its successors and

assigns, his entire right, title, and interest in and to the invention and application, including the right to

sue for past infringements and any other prior occurring rights, provided any such rights exist, and in and

to any and all domestic and foreign patent applications filed on the invention, and in and to any and all

continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the

United States of America, and all foreign countries or reissues thereof which may be granted therefor or

thereon, for the full end of the term for which said Letters Patent may be granted, together with his right

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to claim the priority of said application in all foreign countries in accordance with the International

Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and

entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not

been made. Assignor further assigns to Assignee the right to claim entitlement and/or priority to any

applications that entitlement or priority may be claimed for this or any later filed application, including

the assignment of any provisionals or other priority documents to which the inventions claim priority to.

The assignment of the right to claim entitlement and/or priority is executed nunc pro tunc and is

considered effective as of the filing date of the earliest application to which priority and/or entitlement is

claimed.

Assignor hereby requests that said Letters Patent be issued in accordance with this assignment.

Assignor further covenants and agrees that, at the time of the execution and delivery of these

presents, Assignor possesses full title to the invention and application above-mentioned, and that he has

the unencumbered right and authority to make this assignment.

Assignor further covenants and agrees, and likewise binds his heirs, legal representatives and

assigns, to promptly communicate to said Assignee or its representatives any facts known to him relating

to said invention, to testify in any interference or legal proceedings involving said invention, to execute

any additional papers which may be requested to confirm the right of the Assignee, its representatives,

successors and assigns to secure patent or similar protection for the said invention in all countries and to

vest in the Assignee complete title to the said invention and Letters Patent, without further compensation,

but at the expense of said Assignee, its successors, assigns and other legal representatives.

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TABLE I and Signature Page follows

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TABLE I

Application No.	Attorney Docket No.	Filing Date	Title
16/647,884 (PCT/JP2019/012018)	1000/4 UTIL	Mar. 17, 2020 (Mar. 22, 2019)	MAGNETIC BODY OBSERVATION METHOD, AND MAGNETIC BODY OBSERVATION DEVICE

Executed this <u>10th</u> day of <u>Fabruary</u> , 20	20.
	 都 是
	INAMI. Toshiya (Assignor)
Executed this 7th day of February, 20	20.
	WATANUKI. Tetau (Assignor)
Executed this 7th day of February, 20	20.
	上到短期
	UENO, Tetsuro
•	(Assignor)
Executed this <u>Ith</u> day of <u>Feb. 74 ovy</u> , 20	20.
	安田 良
	YASUDA, Ryo
	(Assignor)

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RECORDED: 03/17/2020