506856246 09/07/2021

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
NAM HAI PHAM	09/02/2021
TAKANORI SHIROKURA	09/02/2021

## **RECEIVING PARTY DATA**

Name:	TOKYO INSTITUTE OF TECHNOLOGY	
Street Address:	2-12-1, OOKAYAMA, MEGURO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	152-8550	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17435577

#### CORRESPONDENCE DATA

Fax Number: (860)286-0115

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: 860-286-2929

Email: usptopatentmail@cantorcolburn.com

Correspondent Name: CANTOR COLBURN LLP Address Line 1: 20 CHURCH STREET

Address Line 2: 22ND FLOOR

Address Line 4: HARTFORD, CONNECTICUT 06032

ATTORNEY DOCKET NUMBER:	PRM0804US
NAME OF SUBMITTER:	DANIEL P. LENT
SIGNATURE:	/Daniel P. Lent/
DATE SIGNED:	09/07/2021

**Total Attachments: 2** 

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> **PATENT REEL: 057400 FRAME: 0250**

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## **ASSIGNMENT**

WHEREAS I, PHAM Nam Hai of c/o TOKYO INSTITUTE OF TECHNOLOGY, 2-12-1, Ookayama, Meguro-ku, Tokyo 152-8550 Japan, and Takanori SHIROKURA of c/o TOKYO INSTITUTE OF TECHNOLOGY, 2-12-1, Ookayama, Meguro-ku, Tokyo 152-8550 Japan (hereinafter referred to as "ASSIGNOR") have invented certain new and useful improvements in:

SPIN HALL OSCILLATOR, MAGNETIC RECORDING DEVICE, AND COMPUTER which claims priority to Japanese Application No. 2019-037682, filed 2019/03/01, and for which I am about to file or have filed an application for Letters Patent of the United States;

AND WHEREAS, TOKYO INSTITUTE OF TECHNOLOGY (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Japan, having a place of business at 2-12-1, Ookayama, Meguro-ku, Tokyo 152-8550 Japan, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and I do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that I will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

PATENT REEL: 057400 FRAME: 0251

The undersigned declare that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 2021/9/2 Phan Van Hai L.S.
PHAM Nam Hai

Date: 2021 1912 Takanori Shirokura
Takanori SHIROKURA