

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT8062574

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YOSHIHIRO KOYAMA	07/10/2020
TATSUYA ASAHATA	07/10/2020
MASAHIRO KIYOHARA	07/10/2020
TSUNGHAN YANG	07/10/2020
RECEIVING PARTY DATA	
Name:	HITACHI HIGH-TECH SCIENCE CORPORATION
Street Address:	24-14, NISHI- SHIMBASHI 1-CHROME
Internal Address:	MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	105-6411
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17027291
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	mmlauer@hollandhart.com
Correspondent Name:	HOLLAND & HART LLP
Address Line 1:	P.O. BOX 11583
Address Line 4:	SALT LAKE CITY, UTAH 84147
ATTORNEY DOCKET NUMBER:	102877.0040
NAME OF SUBMITTER:	PHILIP W. HARRIS
SIGNATURE:	/Philip W. Harris/
DATE SIGNED:	07/18/2023
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, WE,

KOYAMA, Yoshihiro,

ASAHATA, Tatsuya,

KIYOHARA, Masahiro,

YANG, Tsunghan,

a citizen of Japan, having a mailing address located at c/o HITACHI HIGH-TECH SCIENCE CORPORATION, 24-14, Nishi-shimbashi 1-chome, Minato-ku, Tokyo, Japan; and a resident of Tokyo/Japan, have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to LIQUID METAL ION SOURCE AND FOCUSED ION BEAM APPARATUS (collectively the “**INVENTIONS**”) for which I have executed and/or may execute one or more patent applications therefor; and

WHEREAS, Hitachi High-Tech Science Corporation (hereinafter “**ASSIGNEE**”), a corporation, having a place of business at 24-14, Nishi-Shimbashi 1-chome, Minato-ku, Tokyo, Japan, desires to acquire or otherwise obtain the entire right, title, and interest in and to said **INVENTIONS**, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I do hereby acknowledge that I have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said **INVENTIONS**, including all patent applications therefor that may have been filed or may be filed hereafter for said **INVENTIONS** in the United States, including but not limited to U.S. Application No(s). 17/027,291 filed September 21, 2020 Hitachi High-Tech Science Corporation Reference No. 19P00006-US (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND I further do acknowledge and agree that I have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world

in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

AND I DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND I DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which I may be entitled, or that I may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND I HEREBY covenant and agree that I will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to me respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND I HEREBY covenant that I will not execute any writing or do any act whatsoever conflicting with these presents.

Done at Tokyo, on July 10, 2020
LOCATION DATE

KOYAMA, Yoshihiro

Done at Tokyo, on July 10, 2020
LOCATION DATE

Tatsuya Asahata
ASAHATA, Tatsuya

Done at Tokyo, on July 10, 2020
LOCATION DATE

Masahiro Kiyohara
KIYOHARA, Masahiro

Done at Tokyo, on July 10, 2020
LOCATION DATE

Yang, Tsunghan
YANG, Tsunghan

AND I HEREBY covenant that I will not execute any writing or do any act whatsoever conflicting with these presents.

Done at Tokyo, on July 10, 2020
LOCATION DATE

Yoshihiro Koyama
KOYAMA, Yoshihiro

Done at Tokyo, on July 10, 2020
LOCATION DATE

Asahata Tatsuya
ASAHATA, Tatsuya

Done at Tokyo, on July 10, 2020
LOCATION DATE

Kiyohara Masahiro
KIYOHARA, Masahiro

Done at Tokyo, on July 10, 2020
LOCATION DATE

Yang Tsunghan
YANG, Tsunghan