PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KIYOMI YOSHINARI	03/27/2018
YASUSHI TERUI	03/27/2018

RECEIVING PARTY DATA

Name:	HITACHI HIGH-TECHNOLOGIES CORPORATION	
Street Address:	24-14, NISHI SHIMBASHI 1-CHOME	
City:	MINATO-KU, TOKYO	
State/Country:	JAPAN	
Postal Code:	1058717	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16060132

CORRESPONDENCE DATA

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Correspondent Name: CROWELL & MORING LLP

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ATTORNEY DOCKET NUMBER: 104349.PB273US	
NAME OF SUBMITTER:	MICHAEL H. JACOBS
SIGNATURE:	/Michael H. Jacobs/
DATE SIGNED:	06/07/2018

Total Attachments: 2

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PATENT 504949342 REEL: 046015 FRAME: 0127

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me by HITACHI HIGH-TECHNOLOGIES CORPORATION, a corporation organized under the laws of Japan,

located at 24-14, Nishi Shimbashi 1-chome, Minato-ku, Tokyo, Japan

receipt of which is hereby acknowledged I do hereby sell and assign to sa HITACHI HIGH-TECHNOLOGIES CORPORATION, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

MASS SPECTROMETER

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, No. PCT/JP2016/083150 filed November 9, 2016, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said. HITACHI HIGH-TECHNOLOGIES CORPORATION,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI HIGH-TECHNOLOGIES CORPORATION,

Signed on the date(s) indicated aside our signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	Kiyoni Yoshinari Kiyomi YOSHINARI	3/27/2018
	injoin i doi inti att	•
2)	·	,
	Yasushi TERUI	

PATENT REEL: 046015 FRAME: 0128

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me by HITACHI HIGH-TECHNOLOGIES CORPORATION, a corporation organized under the laws of Japan, located at 24-14, Nishi Shimbashi 1-chome, Minato-ku, Tokyo, Japan receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI HIGH-TECHNOLOGIES CORPORATION, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

MASS SPECTROMETER

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, No. PCT/JP2016/083150 filed November 9, 2016, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said HITACHI HIGH-TECHNOLOGIES CORPORATION,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI HIGH-TECHNOLOGIES CORPORATION,

Signed on the date(s) indicated aside our signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	Kiyomi YOSHINARI	
2)	Yasushi Terur Yasushi TERUI	3/27/2018

PATENT REEL: 046015 FRAME: 0129

RECORDED: 06/07/2018