# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6800185

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TAKASHI DOBASHI	06/11/2021
HIROKAZU TAMAKI	06/22/2021
HIROMI MISE	06/11/2021

### **RECEIVING PARTY DATA**

Name:	HITACHI HIGH-TECH CORPORATION	
Street Address: 17-1, TORANOMON 1-CHOME		
City:	MINATO-KU, TOKYO	
State/Country:	JAPAN	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17421147

#### **CORRESPONDENCE DATA**

**Fax Number:** (703)610-8686

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:** 703- 903-9000

**Email:** mleahy@milesstockbridge.com, ipdocketing@MilesStockbridge.com

Correspondent Name: MILES & STOCKBRIDGE, P.C.

Address Line 1: 1751 PINNACLE DRIVE, SUITE 1500

TYSONS CORNER, VIRGINIA 22102-3833

ATTORNEY DOCKET NUMBER: T4323-24086US01	
NAME OF SUBMITTER:	MADELIENE B. LEAHY
SIGNATURE:	/Madeliene B. Leahy/
DATE SIGNED:	07/07/2021

### **Total Attachments: 3**

source=T4323-24086US01 - Assignment#page1.tif source=T4323-24086US01 - Assignment#page2.tif source=T4323-24086US01 - Assignment#page3.tif

PATENT 506753368 REEL: 056776 FRAME: 0368

## **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 citizen of Japan by Hitachi High-Tech Corporation, a corporation organized under the laws of Japan.

located at 17-1, Toranomon 1-chome, Minato-ku, Tokyo Japan

receipt of which is hereby acknowledged I do hereby sell and assign to said. Hitachi High-Tech Corporation, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

#### CHARGED PARTICLE BEAM DEVICE AND CONTROL METHOD THEREOF

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, executed on even date herewith, 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-Tech 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-Tech 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 印)		
1)	Tobak Dolahi	Takashi DOBASHI	Jun 11, 202/	
2)		Hirokazu TAMAKI		
3)		Hiromi MISE		
4)				
5)				
.6)				
7)				•
8)				•
9)		***************************************		•
10)				

PATENT REEL: 056776 FRAME: 0369

## **ASSIGNMENT**

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Oollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi High-Tech Corporation, a corporation organized under the laws of Japan.

located at 17-1, Toranomon 1-chome, Minato-ku, Tokyo Japan

receipt of which is hereby acknowledged I do hereby sell and assign to said. Hitachi High-Tech Corporation, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

#### CHARGED PARTICLE BEAM DEVICE AND CONTROL METHOD THEREOF

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, executed on even date herewith, 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-Tech 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-Tech Corporation,

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

INVENTOR(S)

(発明者フルネームサイン)

1)	* *	Takashi DOBASHI	
2) Hiro	kazu tamaki	Hirokazu TAMAKI	June 22, 2021
3)		Hiromi MISE	
4)			
5)			
6)			
7)		я 	
8)		***************************************	

PATENT REEL: 056776 FRAME: 0370

Date Signed

(署名日)

## **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 citizen of Japan by Hitachi High-Tech Corporation, a corporation organized under the laws of Japan.

located at 17-1, Toranomon 1-chome, Minato-ku, Tokyo Japan

receipt of which is hereby acknowledged I do hereby sell and assign to said. Hitachi High-Tech Corporation, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

#### CHARGED PARTICLE BEAM DEVICE AND CONTROL METHOD THEREOF

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, executed on even date herewith, 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-Tech 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-Tech Corporation,

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

INVENTOR(S)

(発明者フルネームサイン)		(署名日)	
1)	Takashi DOBASHI		
2)	Hirokazu TAMAKI		
3)	Wismi Mise Hiromi MISE	June 11, 202/	
4)			
5)			
6)			
7).			
8)			
9)			
10)			

PATENT REEL: 056776 FRAME: 0371

Date Signed

**RECORDED: 07/07/2021**