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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DA	ATA		
		Name	Execution Date
SHUNSUKE MIZUTANI			06/10/2019
SHAHEDUL HOQUE			06/10/2019
UKI IKEDA			06/10/2019
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RECEIVING PARTY DA	ТА		
Name:	HITACHI HIGH-TECHNOLOGIES CORPORATION		
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City:	MINATO-KU, TOKYO		
State/Country:	JAPAN		
Property Type		Number	
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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

CHARGED PARTICLE BEAM APPARATUS

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, PCT/JP2017/011908 filed 24/March/2017, 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 relissue 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)

Shunsube Hiertan? Shahedul Hoque Shunsuke MIZUTANI Shahedul HOQUE Ikeda 3) UKI IKEDA Makoto SUZUKI 5) 6) -----7) 9) 10)

(署名日)

Date Signed

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RECORDED: 08/02/2019