505965824 03/13/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KOICHI HAMADA	12/23/2019
KEI SAKAI	12/25/2019
SATOU YAMAGUCHI	12/25/2019

RECEIVING PARTY DATA

Name:	HITACHI HIGH-TECHNOLOGIES CORPORATION		
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16810246

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ATTORNEY DOCKET NUMBER: HITACHI19-341801154US01 NAME OF SUBMITTER: GERALD B. HALT, JR. **SIGNATURE:** /Gerald B. Halt, Jr./ **DATE SIGNED:** 03/13/2020

Total Attachments: 1

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PATENT REEL: 052104 FRAME: 0638 505965824

ASSIGNMENT

(激激狂)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Doilar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan 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 scknowledged I do hereby sell and assign to said Hitachi High-Technologies Corporation its successor and assigns, all my right, title and interest, in and for the United States of America, in and to

ELECTRON BEAM DEVICE AND IMAGE PROCESSING METHOD

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. Hillachi High-Technologies Corporation

its successor, 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) (発別者フルネームサイン) Date Signed (著来日)

1) Koʻchi' Hamada Kolchi HAMADA	12/23/2019
2) <u> </u>	12/25/2019
8) Satoria Aganggi Asaioni YAMAGUCHI	12/25/2019

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