

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5210291

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HIKARU KOYAMA	09/18/2018
TOSHIO OKOCHI	09/20/2018
TOSHIHIRO KUJIRAI	09/18/2018
RECEIVING PARTY DATA	
Name:	HITACHI, LTD.
Street Address:	6-6, MARUNOUCHI 1-CHOME
City:	CHIYODA-KU, TOKYO
State/Country:	JAPAN
Postal Code:	100-8280
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16173020
CORRESPONDENCE DATA	
Fax Number:	(202)628-8844
<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>	
Phone:	202-624-2500
Email:	asaguros@crowell.com, edocket@crowell.com
Correspondent Name:	CROWELL & MORING LLP
Address Line 1:	P.O. BOX 14300
Address Line 4:	WASHINGTON, D.C. 20044-4300
ATTORNEY DOCKET NUMBER:	109896.PB668US
NAME OF SUBMITTER:	MICHAEL H. JACOBS
SIGNATURE:	/Michael H. Jacobs/
DATE SIGNED:	10/29/2018
Total Attachments: 3	
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source=PB668US_Assignment#page3.tif	

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, Ltd.,
a corporation organized under the laws of Japan,
located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280 Japan
receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd.,
its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

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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, Ltd.
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, Ltd.,

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)	<u>Hikaru Koyama</u> Hikaru KOYAMA	<u>9/18/2018</u>
2)	_____ Toshio OKOCHI	_____
3)	_____ Toshihiro KUJIRAI	_____
4)	_____	_____
5)	_____	_____
6)	_____	_____
7)	_____	_____
8)	_____	_____

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1) _____ Hikaru KOYAMA	_____
2) _____  Toshio OKOCHI	_____ 9/20/2018
3) _____ Toshihiro KUJIRAI	_____
4) _____	_____
5) _____	_____
6) _____	_____
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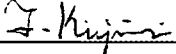
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