

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5749501

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KOSHI HOSHINO	08/26/2019
SHIGEO HOMMA	08/27/2019
JUNJI OGAWA	08/27/2019
YOSHINORI OHIRA	08/27/2019
RECEIVING PARTY DATA	
Name:	HITACHI, LTD.
Street Address:	6-6, MARUNOUCHI 1-CHOME
Internal Address:	CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8280
Name:	HITACHI INFORMATION & TELECOMMUNICATION ENGINEERING LTD.
Street Address:	2-3-3, MINATOMIRAI, NISHI-KU
Internal Address:	YOKOHAMA-SHI
City:	KANAGAWA
State/Country:	JAPAN
Postal Code:	220-6122
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16495752
CORRESPONDENCE DATA	
Fax Number:	(215)568-6499
<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:	215-568-6400
Email:	mschon@vklaw.com
Correspondent Name:	VOLPE AND KOENIG, P.C.
Address Line 1:	30 S. 17TH STREET
Address Line 2:	SUITE 1800
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103

PATENT

ATTORNEY DOCKET NUMBER:	HITACHI2-341700040US01
NAME OF SUBMITTER:	GERALD B. HALT, JR.
SIGNATURE:	/Gerald B. Halt, Jr./
DATE SIGNED:	10/02/2019
Total Attachments: 4 source=341700040US01_Assignment_EFS#page1.tif source=341700040US01_Assignment_EFS#page2.tif source=341700040US01_Assignment_EFS#page3.tif source=341700040US01_Assignment_EFS#page4.tif	

(讓渡証)

REEL: 050597 FRAME: 0567

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.

Hitachi Information & Telecommunication Engineering, Ltd.,

a corporation organized under the laws of Japan,

located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280 Japan,

2-3-3, Minatomirai, Nishi-ku, Yokohama-shi, Kanagawa 220-6122, Japan

receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd.

Hitachi Information & Telecommunication Engineering, Ltd.,

its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

STORAGE SYSTEM HAVING NON-VOLATILE MEMORY DEVICE

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.

Hitachi Information & Telecommunication Engineering, 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.

Hitachi Information & Telecommunication Engineering, 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) _____ Koshi HOSHINO

2) Shigeo Homma Shigeo HOMMA

8/27/2019

3) _____ Junji OGAWA

4) _____ Yoshinori OHIRA

5) _____

6) _____

7) _____

8) _____

PATENT

REEL: 050597 FRAME: 0568

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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) _____ Koshi HOSHINO	_____
2) _____ Shigeo HOMMA	_____
3) <u>Junji Ogawa</u> Junji OGAWA	<u>8/27/2019</u>
4) _____ Yoshinori OHIRA	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____

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1)	Koshi HOSHINO	
2)	Shigeo HOMMA	
3)	Junji OGAWA	
4)	<u>Yoshinori Ohira</u> Yoshinori OHIRA	<u>Aug. 27, 2019</u>
5)		
6)		
7)		
8)		