505304089 01/30/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5350869

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKEYOSHI OHASHI	01/07/2019
MASAMI IKOTA	01/07/2019

RECEIVING PARTY DATA

Name:	HITACHI HIGH-TECHNOLOGIES CORPORATION	
Street Address: 24-14, NISHI SHIMBASHI 1-CHOME		
City:	MINATO-KU, TOKYO	
State/Country:	JAPAN	
Postal Code:	105-8717	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16261784

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: 7039039000

Email: tpurifoy@milesstockbridge.com, ipdocketing@milesstockbridge.com

Correspondent Name: ERIC G. KING

Address Line 1: MILES & STOCKBRIDGE PC

Address Line 2: 1751 PINNACLE DRIVE, SUITE 1500 Address Line 4: TYSONS CORNER, VIRGINIA 22102-3833

ATTORNEY DOCKET NUMBER:	T4323-23279US01
NAME OF SUBMITTER:	TYNISHA PURIFOY
SIGNATURE:	/Tynisha Purifoy/
DATE SIGNED:	01/30/2019

Total Attachments: 2

source=Assignment#page1.tif source=Assignment#page2.tif

> **PATENT REEL: 048190 FRAME: 0420** 505304089

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-Technologies Corporation, a corporation organized under the laws of Japan,

located at 24-14, Nishi-Shimbashi 1-chome, Minato-ku, Tokyo 105-8717, 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

INSPECTION SYSTEM, IMAGE PROCESSING DEVICE AND INSPECTION 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 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 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)

(発明者フルネームサイン)			(署名日)	
.1) <u>.</u> _	Fahegosh'	Chashi	Takeyoshi OHASHI	1/7/2019
2)			Masami IKOTA	
3)				
4)				
5)		•		,
6)				,
7)				
8)				
9)			. .	
10)			•	

PATENT REEL: 048190 FRAME: 0421

Date Signed

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-Technologies Corporation, a corporation organized under the laws of Japan,

located at 24-14, Nishi-Shimbashi 1-chome, Minato-ku, Tokyo 105-8717, 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

INSPECTION SYSTEM, IMAGE PROCESSING DEVICE AND INSPECTION 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 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 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) (発明者フルネームサイン)	Date Signed ˙(署名日)	
1)	Takeyoshi OHASHI		
2)	Marami Okota Masami IKOTA	1/7/2019	
3)			
4)	<u> </u>		
5)			
6)	<u> </u>		
7)			
8)			
9)			
10\			

PATENT REEL: 048190 FRAME: 0422

RECORDED: 01/30/2019