503456713 08/28/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: CORRECTIVE ASSIGNMENT **NATURE OF CONVEYANCE:** Corrective Assignment to correct the ASSIGNEE'S NAME TO READ: HITACHI MAXELL, LTD. & CITY OF ASSIGNEE'S ADDRESS TO READ:

IBARAKI-SHI previously recorded on Reel 035701 Frame 0295. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNOR'S INTEREST.

EPAS ID: PAT3503338

CONVEYING PARTY DATA

Name	Execution Date
KOJI HIRATA	04/18/2015
NOBUYUKI KIMURA	04/25/2015
YURIKO INADACHI	04/16/2015

RECEIVING PARTY DATA

Name:	HITACHI MAXELL, LTD.
Street Address:	1-88, USHITORA 1-CHOME
Internal Address:	IBARAKI-SHI
City:	OSAKA
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14646335

CORRESPONDENCE DATA

Fax Number: (215)568-6499

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: 215-568-6400

Email: MGORDON@VKLAW.COM

Correspondent Name: GERALD B. HALT, JR. Address Line 1: **VOLPE & KOENIG**

Address Line 2: 30 SOUTH 17TH STREET

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER: HITACHI8-211250597US01 NAME OF SUBMITTER: GERALD B. HALT, JR. **SIGNATURE:** /Gerald B. Halt, Jr./ **DATE SIGNED:** 08/28/2015

Total Attachments: 5

PATENT REEL: 036502 FRAME: 0664

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> PATENT REEL: 036502 FRAME: 0665

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3366255

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KOJI HIRATA	04/18/2015
NOBUYUKI KIMURA	04/25/2015
YURIKO INADACHI	04/16/2015

RECEIVING PARTY DATA

Name:	HITACHI MAXWELL, LTD.
Street Address:	1-88, USHITORA 1-CHOME
Internal Address:	IBARAAKI-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	567-8567

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14646335

CORRESPONDENCE DATA

Fax Number: (215)568-6499

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: 215-568-6400

Email: MGORDON@VKLAW.COM
Correspondent Name: GERALD B. HALT, JR.

Address Line 1: VOLPE & KOENIG
Address Line 2: 30 SOUTH 17TH STREET

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER: HITACHI8-211250597US01

NAME OF SUBMITTER: GERALD B. HALT, JR.

SIGNATURE: /Gerald B. Halt, Jr./

DATE SIGNED: 05/22/2015

Total Attachments: 2

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> PATENT REEL: 036502 FRAME: 0666

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 Maxell, Ltd., a corporation organized under the laws of Japan, located at 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka, Japan receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Maxell, Ltd.,

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

PROJECTION-TYPE VIDEO-IMAGE-DISPLAYING 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 Maxell, 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 Maxell, Ltd.,

Signed on the date(s) indicated aside our signatures:

INIVENTOR/S)

	(発明者フルネームサイン)	(署名日)
1)_	Koji Kirata Koji HIRATA	April. 18, 2015
2)_	, Nobuyuki KIMURA	
3)_	Yurko Inadachi yuriko INADACHI	April. 16.2015
4).		,
8)_		
9)_		
10)	·	

Date Signed

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 Maxell, Ltd., a corporation organized under the laws of Japan, located at 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka, Japan

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

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

PROJECTION-TYPE VIDEO-IMAGE-DISPLAYING 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 Maxell, 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 Maxell, Ltd.,

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).	Koji HIRATA		
2).	Nobyuki Kimura Nobuyuki KIMURA	2015/4/25	
3)	Yuriko INADACHI	**************************************	
4).			
5)			
10)			

PATENT REEL: 036502 FRAME: 0668

Date Signed

RECORDED: 08/28/2015