504692977 12/18/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4739699

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AKIHIKO KANDORI	10/26/2017
YUKO SANO	10/26/2017
YUHUA ZHANG	10/29/2017
SHIGEMITSU ANDO	10/26/2017
MITSUNOBU WATANABE	10/26/2017
MITSUO OKIMOTO	10/26/2017

RECEIVING PARTY DATA

Name:	MAXELL, LTD.
Street Address:	1, KOIZUMI, OYAMAZAKI, OYAMAZAKI-CHO
Internal Address:	OTOKUNI-GUN
City:	КУОТО
State/Country:	JAPAN
Postal Code:	618-8525

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15737543

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: Ihennessey@vklaw.com

Correspondent Name: VOLPE AND KOENIG, P.C.

Address Line 1: UNITED PLAZA

Address Line 2: 30 SOUTH 17TH STREET, 18TH FLOOR Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	HITACHI5-341500400US01
NAME OF SUBMITTER:	GERALD B. HALT, JR.
SIGNATURE:	/Gerald B. Halt, Jr./
DATE SIGNED:	12/18/2017

504692977 REEL: 044423 FRAME: 0868

Total Attachments: 3

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> PATENT REEL: 044423 FRAME: 0869

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 MAXELL, LTD.,

a corporation organized under the laws of Japan,

located at 1, Kolzumi, Oyamazaki, Oyamazaki-cho, Otokuni-gun, Kyoto 618-8525, Japan receipt of which is hereby acknowledged I do hereby sell and assign to said MAXELL, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

DUROMETER

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 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 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)_	Alifikus Kandovi (Akiniko KANDORI)	October 26, 2017	
2) _	Yuko Sano (Yuko SANO)	October 26, 2017	
3)_	(Yuhus ZHANG)		
4)_	(Shigemitsu ANDO)		
5)	(Mitsunobu WATANASE)		
6)_	(Milsuo ORIMOTO)		
7)_			
8)			

PATENT REEL: 044423 FRAME: 0870

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 MAXELL, LTD.,

a corporation organized under the laws of Japan,

located at 1, Koizumi, Oyamazaki, Oyamazaki-cho, Otokuni-gun, Kyoto 618-8525, Japan receipt of which is hereby acknowledged I do hereby sell and assign to said MAXELL, 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 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 MAXELL, 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)_	(Akihiko KANDORI)	
2)	(Yuko SANO)	·
3)	Yuhua Zhang (Yuhua ZHANG)	Oct. 29, 2017
4)	(Shigemitsu ANDO)	:
5)	(Mitsunobu WATANABE)	· ·
6)	(Mitsuo OKIMOTO)	
7)_		,
8)		

PATENT REEL: 044423 FRAME: 0871

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 MAXELL, LTD.,

a corporation organized under the laws of Japan,

located at 1, Koizumi, Oyamazaki, Oyamazaki-cho, Otokuni-gun, Kyoto 618-8525, Japan receipt of which is hereby acknowledged I do hereby sell and assign to said MAXELL, 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 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 MAXELL, 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)	. (Akihiko KANDORI)	
2)	(Yuko SANO)	
3)	(Yuhua ZHANG)	
4)	Shigemitsu Ando (Shigemilsu ANDO)	October. 26. 2019
5)	mitsunobu Watenabe (Mitsunobu WATANABE)	October 26, 2017
6)	mitous Okimolo (Mitsuo OKIMOTO)	ataben 26. 2017
7)		
8)		

PATENT REEL: 044423 FRAME: 0872

RECORDED: 12/18/2017