PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5584290

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUKO SANO	03/25/2019
AKIHIKO KANDORI	03/26/2019
MITSUO OKIMOTO	03/25/2019
SHIGEMITSU ANDO	03/25/2019
MITSUNOBU WATANABE	03/22/2019

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:	16470964

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.

Email: lgushue@vklaw.com **Correspondent Name:** VOLPE AND KOENIG P.C. Address Line 1: 30 SOUTH 17TH STREET

Address Line 2: **SUITE 1800**

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	HITACHI19-341601276US01
NAME OF SUBMITTER:	GERALD B. HALT, JR.
SIGNATURE:	/Gerald B. Halt, Jr./
DATE SIGNED:	06/21/2019

Total Attachments: 5

PATENT REEL: 049547 FRAME: 0780

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PATENT REEL: 049547 FRAME: 0781

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 Maxell, Ltd., a corporation organized under the laws of Japan, located at 1, Koizumi, Oyamazaki, Oyamazaki-cho Otokuni-gun, Kyoto, 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

HARDNESS METER AND HARDNESS MEASURING 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 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)_	Guleo	Sano	Yuko SANO	March 25, 2019
2)_			Akihiko KANDORI	
3)_		· · · · · · · · · · · · · · · · · · ·	Mitsuo OKIMOTO	
4)_			Shigemitsu ANDO	
5)_	A. A		Mitsunobu WATANABE	
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PATENT REEL: 049547 FRAME: 0782

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a corporation organized under the laws of Japan,

located at 1, Koizumi, Oyamazaki, Oyamazaki-cho Otokuni-gun, Kyoto, 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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Signed on the date(s) indicated aside our signatures:

IN CHITADIO

(発明者フルネームサイン)			(署名日)	
1)_		Yuko SANO		
2)_	Akihiko Kandori	Akihiko KANDORI	March 26, 2019	
3) _		Mitsuo OKIMOTO		
4)_		Shigemitsu ANDO		
5)_	· · · · · · · · · · · · · · · · · · ·	Mitsunobu WATANABE		
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PATENT REEL: 049547 FRAME: 0783

ASSIGNMENT

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INVENTOR(S)	
(発明者フルネームサ	イン

Date Signed (署名日)

1)		,	Yuko SANO		
			Akihiko KANDORI		
		Okimoto	Mitsuo OKIMOTO	March 25, 2019	
4)			Shigemitsu ANDO		
5)_	Wall Address of the Control of the C		Mitsunobu WATANABE		
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PATENT REEL: 049547 FRAME: 0784

ASSIGNMENT (譲渡証)

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1)_	Yuko SANO		
2)_	Akihiko KANDORI		
3)_	Mitsuo OKIMOTO		
4)_	Shigemitsu Ando- Shigemitsu ANDO	March. 25. 2019	
5)_	Mitsunobu WATANABE		
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PATENT REEL: 049547 FRAME: 0785

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3)	Mitsuo OKIMOTO		
4)	Shigemitsu ANDO		
5)	Mitsunobu Matanabe Mitsunobu WATANAB	E March 22, 2019	
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PATENT REEL: 049547 FRAME: 0786

RECORDED: 06/21/2019