PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5300682

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IKUHEI KIMURA	12/24/2018
NOBORU KATO	12/24/2018
KUNIHIRO KOMAKI	12/26/2018

RECEIVING PARTY DATA

Name:	MURATA MANUFACTURING CO., LTD.
Street Address:	10-1, HIGASHIKOTARI 1-CHOME
City:	NAGAOKAKYO-SHI, KYOTO-FU
State/Country:	JAPAN
Postal Code:	617-8555

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16233483

CORRESPONDENCE DATA

Fax Number: (212)484-3990

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: 212-484-3900

Email: patentdocket@arentfox.com, inga.hildreth@arentfox.com

ARENT FOX LLP **Correspondent Name:**

Address Line 1: 1301 AVENUE OF THE AMERICAS

Address Line 2: FLOOR 42

Address Line 4: NEW YORK, NEW YORK 10019

ATTORNEY DOCKET NUMBER:	036458.00085
NAME OF SUBMITTER:	INGA HILDRETH
SIGNATURE:	/ih/
DATE SIGNED:	12/27/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT REEL: 047858 FRAME: 0631 505253911

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PATENT REEL: 047858 FRAME: 0632

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT	
Title of Invention	ATTENTION TAG FOR RETAIL ARTICLE AND RETAIL ARTICLE HAVING SAME ATTACHED THERETO
As the belov	v named inventor, I declare that:
This declara is directed to	·······
	United States application or PCT international application number filed on
The above-ide	entified application was made or authorized to be made by me.
I believe that	am the original inventor or an original joint Inventor of a claimed invention in the application.
I have review	ed and understand the contents of the above-identified application, including the claims.
material to pa became avail	e the duty to disclose to the United States Patent and Trademark Office all information known to me to be tentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which able between the filing date of the prior application and the national or PCT International filing date of the n-part application.
assign and se Kyoto-fu 617- all inventions reissure applic of priority from Trademarks is herein, as ass assigns do he and other app communicate requested, to involved, to s successors, a	valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, as assignor, hereby self, at over to Murata Manufacturing Co., Ltd., having an address at 10-1, Higashikotari 1-choma, Nagaokakyo-shi, 8555, Japan, as assignee, the entire right, title and interest for the United States and all other countries in and to disclosed and/or claimed in the above-identified application, all original, divisional, continuation, substitute or rations and patents applied for or granted therefor in the United States and all other countries, including all rights in the filling of said application, and all rights for past infringement, and the Commissioner of Patents and shereby authorized and requested to issue all patents on said inventions or resulting there from to said assignee signee of the entire interest therein; and the undersigned for myself and my legal representatives, heirs and steply agree and covernant without further remuneration, to execute and deliver all divisional, continuation, reissue discitions for Patent on said inventions and all assignments thereof to said assignee or its assigns, to to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever testify in any interferences or other legal proceedings in which any of said applications or patents may become gn all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its issigns and nominees to obtain patent protection for said inventions in the United States and all other countries, inclident to said applications to be bome and paid by said assignee.
	ned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or which would conflict with this assignment.
believed to be are punishab	s made herein of my/our own knowledge are true, all statements made herein on information and belief are true, and further that these statements were made with the knowledge that wiliful false statements and the like e under 18 U.S.C. 1901 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the application or any patent issuing thereon.
LEGAL NA	ME OF INVENTOR
Inventor:	Ikuhei Kimura Date: <u>Hecemben 24, 201</u> 8
**Signature:	Ikuhei Kimuna
** An electronic	S-signature is permitted. The S-signature must consist only of letters, or Arabic numerals, or both, with appropriate

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Initial 10/02/12

M18-04104 US

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Title of Invention	ATTENTION TAG FOR RETAIL ARTICLE AND RETAIL ARTICLE HAVING SAME ATTACHED THERETO
As the belo	w named inventor, I declare that:
This declar is directed t	o: x The attached application, or
! :	United States application or PCT international application number
The above-io	tentified application was made or authorized to be made by me.
I believe that	I am the original inventor or an original joint inventor of a claimed invention in the application.
I have review	red and understand the contents of the above-identified application, including the claims.
material to p became avai	ie the duty to disclose to the United States Patent and Trademark Office all information known to me to be atentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which lable between the filing date of the prior application and the national or PCT International filing date of the in-part application.
assign and s Kyoto-fu 617 all inventions reissue appli of priority fro Trademarks herein, as as assigns do h and other ap communicate requested, to successors,	It valuable consideration, the receipt and sufficiency of which is hereby acknowledged, i, as assignor, hereby sell, et over to Murata Manufacturing Co., Ltd., having an address at 10-1, Higashikotari 1-chome, Nagaokakyo-shi, -8555, Japan, as assignee, the entire right, title and interest for the United States and all other countries in and to edisclosed and/or claimed in the above-identified application, all original, divisional, continuation, substitute or cations and patents applied for or granted therefor in the United States and all other countries, including all rights in the filing of said application, and all rights for past infringement, and the Commissioner of Patents and is hereby authorized and requested to issue all patents on said inventions or resulting there from to said assignee signee of the entire interest therein; and the undersigned for myself and my legal representatives, heirs and ereby agree and coverant without further remuneration, to execute and deliver all divisional, continuation, reissue plications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to be to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever to testify in any interferences or other legal proceedings in which any of said applications or patents may become sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its assigns and nominees to obtain patent protection for said inventions in the United States and all other countries, an incident to said applications to be borne and paid by sald assignee.
	aned hereby covenents that no assignment, sale, agreement or encumbrance has been or will be made or which would conflict with this assignment.
All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the validity of the application or any patent issuing thereon.	
LEGAL NA	ME OF INVENTOR
Inventor:	Noboru Kato Date: December, 24, 2018
**Signature	Moborn Kato

** An electronic S-signature is permitted. The S-signature must consist only of tetters, or Arabic numerals, or both, with appropriate spaces and commas, periods, apostrophes, or hyptiens for punctuation, and the person signing the correspondence must insert his or her own S-signature with a first single forward stash mark before and a second single forward stash mark after the S-signature (e.g., /Dr. James T. Jones, Jr./).

Initial 10/02/12

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Title of Invention	ATTENTION TAG FOR RETAIL ARTICLE AND RETAIL ARTICLE HAVING SAME ATTACHED THERETO
As the belo	w named inventor, I declare that:
This declar is directed t	
The above-id	entified application was made or authorized to be made by me.
	I am the original inventor or an original joint inventor of a claimed invention in the application.
	red and understand the contents of the above-identified application, including the claims.
I acknowledg material to po became avail	te the duty to disclose to the United States Patent and Trademark Office all information known to me to be stentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which table between the filing date of the prior application and the national or PCT International filing date of the in-part application.
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, as assignor, hereby sell, assign and set over to Murata Manufacturing Co. , Ltd. , having an address at 10-1, Higashikotarl 1-chome, Nagackakyo-shi, Kyoto-fu 617-8555, Japan, as assignee, the entire right, title and interest for the United States and all other countries in and to all inventions disclosed and/or claimed in the above-identified application, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting there from to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said inventions in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.	
The undersigentered into	med hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or which would conflict with this assignment.
believed to b are punishab	is made herein of my/our own knowledge are true, all statements made herein on information and belief are e true, and further that these statements were made with the knowledge that willful false statements and the like ile under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the application or any patent issuing thereon.
LEGAL NA	ME OF INVENTOR
Inventor:	Kunihiro Komaki Date: December 26, 2018
**Signature	: Murihiro Kormaki

** An electronic S-signature is permitted. The S-signature must consist only of letters, or Arabic numerals, or both, with appropriate spaces and commas, periods, apostrophes, or hyphens for punctuation, and the person signing the correspondence must insert his or her own S-signature with a first single forward slash mark before and a second single forward slash mark after the S-signature (e.g., /Dr. James T. Jones, Jr./).

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