

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4249352

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MASATO FUJITA	11/28/2016
MASAKAZU UOTANI	11/28/2016
HIROSHI KOSHIYAMA	11/28/2016
TAKESHI KAMIYA	11/28/2016
TSUNETOSHI HONDA	11/28/2016
DAISUKE TAKANO	11/26/2016
RECEIVING PARTY DATA	
Name:	mitsubishi materials corporation
Street Address:	3-2, OTEMACHI 1-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8117
Name:	MITSUBISHI MATERIALS ELECTRONIC CHEMICALS CO., LTD.
Street Address:	1-6, BARAJIMA 3-CHOME
City:	AKITA-SHI, AKITA
State/Country:	JAPAN
Postal Code:	010-8585
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15329841
CORRESPONDENCE DATA	
Fax Number:	(617)227-4420
<i>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.</i>	
Phone:	2024787375
Email:	akiko.angelov@lockelord.com
Correspondent Name:	LOCKE LORD LLP
Address Line 1:	P.O. BOX 55874
Address Line 4:	BOSTON, MASSACHUSETTS 02205

ATTORNEY DOCKET NUMBER:	1420149.538US9
NAME OF SUBMITTER:	JAMES E. ARMSTRONG, IV
SIGNATURE:	/James E. Armstrong, IV/
DATE SIGNED:	01/30/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 8 source=1420149_538US9_Declaration_Assignment#page1.tif source=1420149_538US9_Declaration_Assignment#page2.tif source=1420149_538US9_Declaration_Assignment#page3.tif source=1420149_538US9_Declaration_Assignment#page4.tif source=1420149_538US9_Declaration_Assignment#page5.tif source=1420149_538US9_Declaration_Assignment#page6.tif source=1420149_538US9_Declaration_Assignment#page7.tif source=1420149_538US9_Declaration_Assignment#page8.tif	

**COMBINED ASSIGNMENT & DECLARATION
FOR UTILITY OR DESIGN PATENT APPLICATIONS**

ASSIGNMENT

THIS ASSIGNMENT, made by (1) Masato FUJITA; (2) Masakazu UOTANI; (3) Hiroshi KOSHIYAMA; (4) Takeshi KAMIYA; (5) Tsunetoshi HONDA; and (6) Daisuke TAKANO (hereinafter referred to as Assignors), residing at (1) to (5) c/o Mitsubishi Materials Electronic Chemicals Co., Ltd., 1-6, Barajima 3-chome, Akita-shi, Akita 010-8585 Japan; and (6) c/o MITSUBISHI MATERIALS CORPORATION, Central Research Institute, 1002-14, Mukohyama, Naka-shi, Ibaraki 311-0102 Japan respectively;

WHEREAS, Assignors have invented certain new and useful improvements in

FILTER MEDIUM, METHOD FOR PRODUCING FILTER MEDIUM, WATER
TREATMENT MODULE, AND WATER TREATMENT DEVICE

set forth in a Patent application for Letters Patent of the United States, filed
herewith; and

WHEREAS, (1) MITSUBISHI MATERIALS CORPORATION, a corporation organized under and pursuant to the laws of Japan having its principal place of business at 3-2, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8117 Japan; and (2) Mitsubishi Materials Electronic Chemicals Co., Ltd., a corporation organized under and pursuant to the laws of Japan having its principal place of business at 1-6, Barajima 3-chome, Akita-shi, Akita 010-8585 Japan (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of Ten Dollar (\$10.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which

3338
058-66880
7/4

may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and

the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:
FILTER MEDIUM, METHOD FOR PRODUCING FILTER MEDIUM, WATER
TREATMENT MODULE, AND WATER TREATMENT DEVICE
the specification of which is attached hereto.

The above-identified 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 reviewed and understand the contents of the above-identified application.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the attorneys/agent(s) at Locke Lord LLP, P.O. Box 55874, Boston, Massachusetts 02205, to insert the filing date and/ or Application No. of said application into this document.

Date: November 28, 2016

Signature: Masato Fujita.
Masato FUJITA

Date: November 28, 2016

Signature: Masakazu Uotani
Masakazu UOTANI

Date: November 28, 2016

Signature: Hiroshi Koshiyama
Hiroshi KOSHIYAMA

Date: November 28, 2016

Signature: Takeshi Kamiya
Takeshi KAMIYA

Date: November 28, 2016

Signature: Tsunetoshi Honda
Tsunetoshi HONDA

Date: _____

Signature: _____
Daisuke TAKANO

**COMBINED ASSIGNMENT & DECLARATION
FOR UTILITY OR DESIGN PATENT APPLICATIONS**

ASSIGNMENT

THIS ASSIGNMENT, made by (1) Masato FUJITA; (2) Masakazu UOTANI; (3) Hiroshi KOSHIYAMA; (4) Takeshi KAMIYA; (5) Tsunetoshi HONDA; and (6) Daisuke TAKANO (hereinafter referred to as Assignors), residing at (1) to (5) c/o Mitsubishi Materials Electronic Chemicals Co., Ltd., 1-6, Barajima 3-chome, Akita-shi, Akita 010-8585 Japan; and (6) c/o MITSUBISHI MATERIALS CORPORATION, Central Research Institute, 1002-14, Mukohyama, Naka-shi, Ibaraki 311-0102 Japan respectively;

WHEREAS, Assignors have invented certain new and useful improvements in
FILTER MEDIUM, METHOD FOR PRODUCING FILTER MEDIUM, WATER TREATMENT
MODULE, AND WATER TREATMENT DEVICE

set forth in a Patent application for Letters Patent of the United States, filed
herewith; and

WHEREAS, (1) MITSUBISHI MATERIALS CORPORATION, a corporation organized under and pursuant to the laws of Japan having its principal place of business at 3-2, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8117 Japan; and (2) Mitsubishi Materials Electronic Chemicals Co., Ltd., a corporation organized under and pursuant to the laws of Japan having its principal place of business at 1-6, Barajima 3-chome, Akita-shi, Akita 010-8585 Japan (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of Ten Dollar (\$10.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which

may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and

the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:
FILTER MEDIUM, METHOD FOR PRODUCING FILTER MEDIUM, WATER TREATMENT
MODULE, AND WATER TREATMENT DEVICE

the specification of which is attached hereto.

The above-identified 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 reviewed and understand the contents of the above-identified application.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the attorneys/agent(s) at Locke Lord LLP, P.O. Box 55874, Boston, Massachusetts 02205, to insert the filing date and/ or Application No. of said application into this document.

Date: _____ Signature: _____
Masato FUJITA

Date: _____ Signature: _____
Masakazu UOTANI

Date: _____ Signature: _____
Hiroshi KOSHIYAMA

Date: _____ Signature: _____
Takeshi KAMIYA

Date: _____ Signature: _____
Tsunetoshi HONDA

Date: December 26, 2016 Signature: Daisuke TAKANO
Daisuke TAKANO