505207933 11/28/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5254701

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	Corrective Assignment to correct the ASSIGNEE'S NAME previously recorded on Reel 047559 Frame 0699. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
TOSHIHIRO TSUDA	10/16/2018
TETSUO YOSHIMITSU	09/01/2018
YUICHI TSUBOI	05/23/2018
YOSHIHIRO ISHIKAWA	05/22/2018
TERUO KANEKAWA	10/02/2018

RECEIVING PARTY DATA

Name:	TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION
Street Address:	3-1-1, KYOBASHI
City:	CHUO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	104-0031

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15022328

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000
Email: hcho@oblon.com
Correspondent Name: OBLON, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	468713US
NAME OF SUBMITTER:	HYUN CHO
SIGNATURE:	/Hyun Cho/
DATE SIGNED:	11/28/2018

PATENT REEL: 047652 FRAME: 0237

505207933

Total Attachments: 7 source=468713USCorrected#page1.tif source=468713USCorrected#page2.tif source=468713USCorrected#page3.tif source=468713USCorrected#page4.tif source=468713USCorrected#page5.tif source=468713USCorrected#page6.tif source=468713USCorrected#page7.tif

Assignment Page 1 of 2

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOSHIHIRO TSUDA	10/16/2018
TETSUO YOSHIMITSU	09/01/2018
YUICHI TSUBOI	05/23/2018
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TERUO KANEKAWA	10/02/2018

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Name:	TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS
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State/Country:	JAPAN
Postal Code:	104-0031

PROPERTY NUMBERS Total: 1

Property Type	Number
	15022328

CORRESPONDENCE DATA

 Fax Number:
 (703)413-2220

 Phone:
 (703) 413-3000

 Email:
 mwaller@oblon.com

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that is unsuccessful, it will be sent via US Mail.

Correspondent Name: OBLON, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	468713US
NAME OF SUBMITTER:	MELISSA WALLER
Signature:	/Melissa Waller/

Assignment Page 2 of 2

Date:	11/21/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 5 source=468713US_Declaration#page1.tif source=468713US_Declaration#page2.tif source=468713US_Declaration#page3.tif source=468713US_Declaration#page4.tif source=468713US_Declaration#page5.tif		
RECEIPT INFORMATION		
EPAS ID:	PAT5247619	
Receipt Date:	11/21/2018	

Title of	WATER-TREE RESISTANCE EVALUATION METHOD, INSULATION	
Invention	DESIGN METHOD, AND ROTARY ELECTRIC MACHINE	
As the below name	d inventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application or PCT international application number 15/022,328 filed on March 16, 2016	
The above-identifie	d application was made or authorized to be made by me.	
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.	
(hereinafter referred Japan, is desirous	SHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION I to as "ASSIGNEE") having places of business at: 3-1-1, Kyobashi, Chuo-ku, Tokyo 104-0031 of acquiring the entire right, title and interest in and to said invention and in and to any Letters granted therefore in the United States and its territorial possessions and in any and all foreign	
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.	
LEGAL NAME OF	INVENTOR	
Inventor: Toshihi	TO TSUDA Date: October, 16, 2018	
Signature: 705	hihiro Tsuda	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

Invention	DESIGN METHOD, AND ROTARY ELECTRIC MACHINE
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	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.
LEGAL NAME OF	INVENTOR
Inventor: Tetsuo Y	OSHIMITSU Date: Sap. 1, 2018
Signature: 1767	Tax 1 N Combinates

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

WATER-TREE RESISTANCE EVALUATION METHOD, INSULATION

Title of

Invention	DESIGN METHOD, AND ROTARY ELE	ECTRIC MACHINE
As the below name	ed inventor, I hereby declare that:	-
This declaration [The attached application, or	
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The above-identifie	ed application was made or authorized to be made b	by me.
I believe that I am t	the original inventor or an original joint inventor of	f a claimed invention in the application.
(hereinafter referred Japan, is desirous	SHIBA MITSUBISHI-ELECTRIC INDUSTRIAL d to as "ASSIGNEE") having places of business a of acquiring the entire right, title and interest in a granted therefore in the United States and its term.	at: 3-1-1, Kyobashi, Chuo-ku, Tokyo 104-0031 and to said invention and in and to any Letters
acknowledged, and said ASSIGNEE, it and in all foreign of other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOI I for other good and valuable consideration, I, by the full and exclusive right to the said invention in countries (including the right to claim priority under mational Treaties and Arrangements from the aforemy and all Letters Patent which may be granted to any and all foreign countries and in and to a chewals thereof.	these presents do sell, assign and transfer unto the United States and its territorial possessions or the terms of the International Convention and resaid application) and the entire right, title and therefor in the United States and its territorial
any and all foreign assignee of my enti (his) successors and	ize and request the Patent Office Officials in the Unicountries to issue any and all of said Letters Patire right, title and interest in and to the same, for the dassigns, to the full end of the term for which said would have been held by me had this Assignment	atent, when granted, to said ASSIGNEE as the the sole use and behoof of said ASSIGNEE, its aid Letters Patent may be granted, as fully and
respecting said inv continuation, substi all of said Letters possible to aid said	that I will communicate to said ASSIGNEE or it vention, and testify in any legal proceeding, si itute, renewal and reissue applications, execute all Patent to be issued to said ASSIGNEE, make all ASSIGNEE, its (his) successors and assigns, to ited States and its territorial possessions and in any	ign all lawful papers, execute all divisional, incressary assignment papers to cause any and all rightful oaths, and, generally do everything to obtain and enforce proper protection for said
	rledge that any willful false statement made in this ment of not more than five (5) years, or both.	declaration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	INVENTOR	
Inventor: Yuichi	TSUBOI	Date: May 23, 2018
Signature: 4	richi Fsubol	. J

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

Title of Invention WATER-TREE RESISTANCE EVALUATION METHOD, INSULATION DESIGN METHOD, AND ROTARY ELECTRIC MACHINE		
As the below named inventor, I hereby declare that:		
This declaration [The attached application, or		
is directed to: United States application or PCT international application number 15/022,328 filed on March 16, 2016		
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.		
WHEREAS, TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION		
(hereinafter referred to as "ASSIGNEE") having places of business at: 3-1-1, Kyobashi, Chuo-ku, Tokyo 104-0031 Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
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.		
LEGAL NAME OF INVENTOR		
Inventor: Yoshihiro ISHIKAWA Date: May 22, 20/8		
Signature: Yoshilayo Ishikana		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW 1940 DUKE STREET

ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF	INVENTOR
Inventor: Teruo k	CANEKAWA Date: Oct. 2.2018
Signature: Teru	wo Kanekawa

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 047652 FRAME: 0245

RECORDED: 11/28/2018