

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3230658

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TOHOKU HYDROPOWER & GEOTHERMAL ENERGY CO., INC.	10/31/2014
KOKAN KUBOTA	10/28/2014
YOSHITAKA KAWAHARA	10/27/2014
ICHIRO MYOGAN	10/30/2014
OSAMU KATO	10/31/2014
RECEIVING PARTY DATA	
Name:	FUJI ELECTRIC CO., LTD.
Street Address:	1-1, TANABESHINDEN, KAWASAKI-KU
Internal Address:	KAWASAKI-SHI
City:	KANAGAWA
State/Country:	JAPAN
Postal Code:	210-9530
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14396374
CORRESPONDENCE DATA	
Fax Number:	(248)649-3338
<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:	2486493333
Email:	hugo@youngbasile.com
Correspondent Name:	YOUNG BASILE HANLON & MACFARLANE PC
Address Line 1:	3001 W. BIG BEAVER ROAD
Address Line 2:	SUITE 624
Address Line 4:	TROY, MICHIGAN 48094
ATTORNEY DOCKET NUMBER:	MOR-326-A
NAME OF SUBMITTER:	MICHELLE L. KNIGHT
SIGNATURE:	/MICHELLE L. KNIGHT/
DATE SIGNED:	02/18/2015

Total Attachments: 8

source=MOR326A_ExecutedAssignment_Kubota#page1.tif

source=MOR326A_ExecutedAssignment_Kubota#page2.tif

source=MOR326A_ExecutedAssignment_Kawahara_Myogan#page1.tif

source=MOR326A_ExecutedAssignment_Kawahara_Myogan#page2.tif

source=MOR326A_ExecutedAssignment_Kato#page1.tif

source=MOR326A_ExecutedAssignment_Kato#page2.tif

source=MOR326A_ExecutedAssignment_Tohoku#page1.tif

source=MOR326A_ExecutedAssignment_Tohoku#page2.tif

ASSIGNMENT AND AGREEMENT

WHEREAS, We, Kokan Kubota of Kanagawa, Japan, Yoshitaka Kawahara of Kanagawa, Japan, Ichiro Myogan of Kanagawa, Japan, and Osamu Kato of Iwate, Japan (hereinafter referred to as "ASSIGNOR"), have invented a certain invention entitled SCALE SUPPRESSION APPARATUS, GEOTHERMAL POWER GENERATION SYSTEM USING THE SAME, AND SCALE SUPPRESSION METHOD as set forth in this United States Patent Application,

- executed concurrently herewith
- executed on _____
- Serial No. PCT/JP2013/002873, filed April 26, 2013

WHEREAS, FUJI ELECTRIC CO., LTD., a corporation of the country of Japan, having a place of business at 1-1, Tanabeshinden, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9530 JAPAN (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to said invention within the United States;

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, ASSIGNOR's full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof within the United States, (b) the above-identified application and all other applications for Letters Patent of the United States for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, and (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing

proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer any interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Young Basile Hanlon & MacFarlane, P.C. the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Young Basile Hanlon & MacFarlane P.C. do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

<i>NAMES AND SIGNATURES OF ASSIGNOR</i>		
Name: Kokan Kubota	Signature: <i>Kokan Kubota</i>	Date: <i>Oct. 28, 2014</i>
Name: Yoshitaka Kawahara	Signature:	Date:
Name: Ichiro Myogan	Signature:	Date:
Name: Osamu Kato	Signature:	Date:

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

ASSIGNMENT AND AGREEMENT

WHEREAS, We, Kokan Kubota of Kanagawa, Japan, Yoshitaka Kawahara of Kanagawa, Japan, Ichiro Myogan of Kanagawa, Japan, and Osamu Kato of Iwate, Japan (hereinafter referred to as "ASSIGNOR"), have invented a certain invention entitled SCALE SUPPRESSION APPARATUS, GEOTHERMAL POWER GENERATION SYSTEM USING THE SAME, AND SCALE SUPPRESSION METHOD as set forth in this United States Patent Application,

- executed concurrently herewith
- executed on _____
- Serial No. PCT/JP2013/002873, filed April 26, 2013

WHEREAS, FUJI ELECTRIC CO., LTD., a corporation of the country of Japan, having a place of business at 1-1, Tanabeshinden, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9530 JAPAN (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to said invention within the United States;

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, ASSIGNOR's full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof within the United States, (b) the above-identified application and all other applications for Letters Patent of the United States for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, and (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.




ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing

proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer any interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Young Basile Hanlon & MacFarlane, P.C. the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Young Basile Hanlon & MacFarlane P.C. do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

<i>NAMES AND SIGNATURES OF ASSIGNOR</i>		
Name: Kokan Kubota	Signature:  J.M.	Date: 30-Nov-2014 ^{J.M.}
Name: Yoshitaka Kawahara	Signature: 	Date: 27-October-2014
Name: Ichiro Myogan	Signature: 	Date: 20. October. 2014
Name: Osamu Kato	Signature:	Date:

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

ASSIGNMENT AND AGREEMENT

WHEREAS, We, Kokan Kubota of Kanagawa, Japan, Yoshitaka Kawahara of Kanagawa, Japan, Ichiro Myogan of Kanagawa, Japan, and Osamu Kato of Iwate, Japan (hereinafter referred to as "ASSIGNOR"), have invented a certain invention entitled SCALE SUPPRESSION APPARATUS, GEOTHERMAL POWER GENERATION SYSTEM USING THE SAME, AND SCALE SUPPRESSION METHOD as set forth in this United States Patent Application,

- executed concurrently herewith
- executed on _____
- Serial No. PCT/JP2013/002873, filed April 26, 2013

WHEREAS, FUJI ELECTRIC CO., LTD., a corporation of the country of Japan, having a place of business at 1-1, Tanabeshinden, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9530 JAPAN (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to said invention within the United States;

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, ASSIGNOR's full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof within the United States, (b) the above-identified application and all other applications for Letters Patent of the United States for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, and (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing

proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer any interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Young Basile Hanlon & MacFarlane, P.C. the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Young Basile Hanlon & MacFarlane P.C. do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

<i>NAMES AND SIGNATURES OF ASSIGNOR</i>		
Name: Kokan Kubota	Signature:	Date:
Name: Yoshitaka Kawahara	Signature:	Date:
Name: Ichiro Myogan	Signature:	Date:
Name: Osamu Kato	Signature: <i>Do [Signature] /10/14</i>	Date: <i>October 31, 2014</i>

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

ASSIGNMENT AND AGREEMENT

WHEREAS, TOHOKU HYDROPOWER & GEOTHERMAL ENERGY CO., INC., a corporation of the country of Japan, having a place of business at 7-25, Chuo-dori 1-chome, Morioka-shi, Iwate 020-0021 Japan (hereinafter referred to as "ASSIGNOR"), may have rights in a certain invention entitled SCALE SUPPRESSION APPARATUS, GEOTHERMAL POWER GENERATION SYSTEM USING THE SAME, AND SCALE SUPPRESSION METHOD as set forth in this United States Patent Application,

- executed concurrently herewith
- executed on _____
- Serial No PCT/JP2013/002873, filed April 26, 2013

WHEREAS, FUJI ELECTRIC CO., LTD., a corporation of the country of Japan, having a place of business at 1-1, Tanabeshinden, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9530 JAPAN (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to said invention within the United States;

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, ASSIGNOR's full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof within the United States, (b) the above-identified application and all other applications for Letters Patent of the United States for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, and (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to

provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer any interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Young Basile Hanlon & MacFarlane, P.C. the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Young Basile Hanlon & MacFarlane P.C. do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

TOHOKU HYDROPOWER & GEOTHERMAL ENERGY CO., INC.

By: 佐藤 成俊
Shigetoshi Sato

Title: President

Dated: October 31, 2014

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.