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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Seiji FURUKAWA	08/09/2013
Kazuhiro MIYA	08/09/2013
Toshiyuki KAMIYA	08/09/2013
Tadashi SAITO	08/09/2013

RECEIVING PARTY DATA

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State/Country:	JAPAN
Postal Code:	100-8310

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14009299

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	422046US20PCT
NAME OF SUBMITTER:	Sarfaraz Ahmed
Signature:	/Sarfaraz Ahmed/
	PATENT

REEL: 031322 FRAME: 0110

OP \$40.00 14009299

Date:	10/01/2013
Total Attachments: 2 source=422046US-Assignment#page1.tif source=422046US-Assignment#page2.tif	

PATENT REEL: 031322 FRAME: 0111

Assignment of Application

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS

WHEREAS, I (WE) Se	JI FUKUKAWA, c/o Mitsubishi Ele	cure Corporation, 7-3, Marunouch	12-cnome,
	Chiyoda-ku, Tokyo 100-8310 Japan	<u> </u>	
Ka	zuhiro MIYA, c/o Mitsubishi Electri	ic Corporation, 7-3, Marunouchi 2-	chome,
	Chiyoda-ku, Tokyo 100-8310 Japan	,	
To	shiyuki KAMIYA, c/o Mitsubishi El	lectric Corporation, 7-3, Marunouc	hi 2-chome,
	Chiyoda-ku, Tokyo 100-8310 Japan,	, and	
Ta	dashi SAITO, c/o Mitsubishi Electric	Corporation, 7-3, Marunouchi 2-0	chome,
	Chiyoda-ku, Tokyo 100-8310 Japan	b	
· · · · · · · · · · · · · · · · · · ·			
			, respectively
have invented certain ne	ew and useful improvements in: Wa	ter Heater and Flow Rate Control I	Method
· · · · · · · · · · · · · · · · · · ·		The second secon	
(Application No.	, file	ed), and
WHEREAS, Mits	ubishi Electric Corporation		
(h	as "ASSIGNEE") having a place of	1	CL!1- 1 T-1

INSERT NAME AND ADDRESS OF COMPANY OR

INSERT I

(hereinafter referred to as "ASSIGNEE") having a place of business at: 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 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 (WE), 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(s)) 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 (WE) 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 (our) 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 (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) 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 Letter 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.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	August 9, 2013	Seiji Furukawa
		(Signature of Inventor) Seiji FURUKAWA
Date:	August 9. 2013	Kazuhir Muya
		(Signature of Inventor) Kazuhiro MIYA
Date:	August 8, 2013	Toshiyuki Kamiya
		(Signature of Inventor) Toshiyuki KAMIYA
Date:	August 9, 2013	Tadashi Saito
	T.S. August 9, 2013	(Signature of Inventor) Tadashi SAITO
Date:	August 9, 2013	Todoshi Saito 7.5. August 9. 201
		(Signature of Inventor)
Date:		
		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

07/09