505502818 05/31/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUIZ ANTONIO DIEMER LOPES	05/31/2019

RECEIVING PARTY DATA

Name:	MITSUBISHI ELECTRIC US, INC.	
Street Address:	5900-A KATELLA AVENUE	
City:	CYPRESS	
State/Country:	CALIFORNIA	
Postal Code:	90630	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16427873

CORRESPONDENCE DATA

Fax Number: (703)707-9112

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: 703 707 9110

Email: mailbox@poszlaw.com

Correspondent Name: POSZ LAW GROUP, PLC

Address Line 1: 12040 SOUTH LAKES DRIVE

Address Line 2: SUITE 101

Address Line 4: RESTON, VIRGINIA 20191

ATTORNEY DOCKET NUMBER:	129_013MEUS	
NAME OF SUBMITTER:	BRIAN C. ALTMILLER	
SIGNATURE:	/Brian C. Altmiller/	
DATE SIGNED:	05/31/2019	

Total Attachments: 3

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PATENT 505502818 REEL: 049330 FRAME: 0589

ASSIGNMENT

WHEREAS, I, Luiz Antonio Diemer Lopes, having a mailing address at 2288 Meadows

End, Duluth, GA, 30097, have invented certain inventions and improvements disclosed in a

patent application titled "SYSTEM AND METHOD FOR HEATING WATER," filed in the

United States Patent and Trademark Office on May 31, 2019, and assigned a U.S. Patent

Application No. 16/427,873; and

WHEREAS, Mitsubishi Electric US, Inc., a corporation of the State of California

having a principal place of business at 5900-A Katella Avenue, Cypress, CA 90630, is desirous

of acquiring an interest in the same.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of

which I hereby acknowledge, I, Luiz Antonio Diemer Lopes, by these presents do sell, assign,

and transfer to Mitsubishi Electric US, Inc. the full, exclusive, and entire right, title, and interest

in and to said application, in and to any divisions, continuations, reexaminations, and reissues

thereof, and in and to all inventions and improvements disclosed and described in said

application, preparatory to obtaining Letters Patent of the United States therefor; and we hereby

request the Director of the U.S. Patent and Trademark Office to issue any and all Letters Patent

of the United States resulting from said application, or from a division, continuation,

reexamination, or reissue thereof, to Mitsubishi Electric US, Inc. as the assignee, for its interest

and for the sole use and benefit of Mitsubishi Electric US, Inc. and its assigns and legal

representatives;

For the same consideration, I, by these presents, do sell, assign, and transfer to

Mitsubishi Electric US, Inc. the full, exclusive, and entire right, title, and interest in and to any

foreign application or applications corresponding to said application, in whole or in part, in

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ASSIGNMENT

Attorney Docket No. 129_013MEUS

countries other than the United States, in and to any Patents and similar protective rights granted

on said foreign applications, and in and to the right to claim any applicable priority rights arising

from or required for said foreign applications under the terms of any applicable conventions,

treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of

Mitsubishi Electric US, Inc. or its designee insofar as permitted by applicable law; and

For the same consideration, I agree to sign all lawful papers, execute all division,

continuing, reexamination, reissue, and other applications, make all assignments and rightful

oaths, and generally do everything possible to aid Mitsubishi Electric US, Inc., its successors,

assigns, and nominees to obtain and enforce proper protection for all said inventions and

improvements in all countries throughout the world.

I hereby authorize a representative of Posz Law Group, PLC, 12040 South Lakes Drive,

Suite 101, Reston, Virginia USA, to insert in the blanks above the filing date and application

number of said application when known.

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△PATENT REEL: 049330 FRAME: 0591 Luiz Antonio Diemer Lopes

STATE OF GEORGIA

Before me, a Notary Public in and for the aforesaid State, on this _____ day of /// 2019, personally appeared Luiz Antonio Diemer Lopes who, being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

My Commission Expires: April 10 2020

(SEAL)

RECORDED: 05/31/2019

REEL: 049330 FRAME: 0592