505486460 05/21/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5533264

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.	05/20/2019

RECEIVING PARTY DATA

Name:	MITSUBISHI ELECTRIC CORPORATION
Street Address:	7-3, MARUNOUCHI 2-CHOME
Internal Address:	CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8310

PROPERTY NUMBERS Total: 3

Property Type	Number
Patent Number:	8121669
Patent Number:	8471224
Patent Number:	9251302

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	522513US
NAME OF SUBMITTER:	ELLEN MURABITO
SIGNATURE:	/ELLEN MURABITO/
DATE SIGNED:	05/21/2019

Total Attachments: 2

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> PATENT REEL: 049241 FRAME: 0815

<u>ASSIGNMENT</u>

WHEREAS, MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC. of 201 Broadway, Cambridge, Massachusetts 02139, a corporation organized and existing under the laws of the United States of America, is the exclusive owner, by assignment, of the following Letters Patents:

PATENT NUMBER	ISSUE DATE
8,121,669	February 21, 2012
8,471,224	June 25, 2013
9,251,302	February 2, 2016

WHEREAS, MITSUBISHI ELECTRIC CORPORATION of 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan 100-8310, a corporation organized and existing under the laws of the Country of Japan (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title, and interest in and to said Letters Patents;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC. by these presents do sell, assign, and transfer unto ASSIGNEE its entire right, title, and interest for the territory of the United States of America, in and to the aforesaid Letters Patent and/or applications for letters patent, the inventions described therein, any and all divisions, continuations, reissues, substitutions and renewals thereof, and to any and all letters patent which have granted or may be granted therefor, said inventions and letters patent to be held and enjoyed by the ASSIGNEE, and for the use and benefit of said ASSIGNEE, and for the use and benefit of their successors,

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assigns or other legal representatives, to the full end of the term for which said letters patent have been granted or reissues may be granted, and for claims for damage by reasons of infringement past and present, as fully and entirely as the same would have been held by MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC. had this Assignment and sale not been made.

IN TESTIMONY WHEREOF, MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC. has caused these presents to be signed by its officer thereunto duly authorized.

MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.

Date: ___20 May 2019_____

Name:/Richard C. Waters

Title:/CEO

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RECORDED: 05/21/2019