## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

**EPAS ID: PAT7758096** 

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MASASHI TOMIDA	11/25/2022
YUKITOSHI INABA	01/05/2023
KOKI YOSHIMOTO	11/26/2022
EMIKO KURATA	12/09/2022

#### **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	18003222

#### **CORRESPONDENCE DATA**

Fax Number: (703)836-2021

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: 7038366620

Email: nina.leta@bipc.com

BUCHANAN INGERSOLL & ROONEY P.C. **Correspondent Name:** 

1737 KING STREET, SUITE 500 Address Line 1: Address Line 4: ALEXANDRIA, VIRGINIA 22314-2727

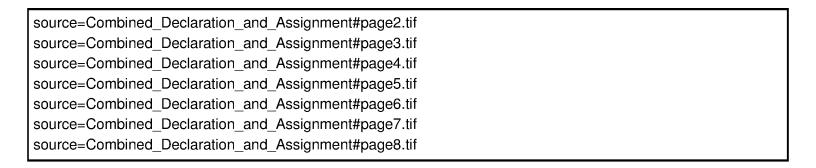
ATTORNEY DOCKET NUMBER:	1032404-000969
NAME OF SUBMITTER:	NINA LETA
SIGNATURE:	/Nina Leta/
DATE SIGNED:	01/24/2023
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 8** 

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**PATENT** REEL: 062468 FRAME: 0274

507710952



PATENT REEL: 062468 FRAME: 0275

Attomey	Docket	No.	·

FORWARD MONITORING DEVICE AND FORWARD MONITORING Title of Invention METHOD

As one of the below named inventors, I hereby declare that this Combined Declaration and Assignment is directed to:

(1) U.S. application number or PCT application number PCT/JP2020/025879

filed on July 1, 2020

(2) the attached application.

### DECLARATION

As one of the below named inventors. I further declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

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.

## <u>ASSIGNMENT</u>

THIS ASSIGNMENT, by the undersigned inventor (hereinafter referred to as "the Assignor"), respectively, witnesseth:

WHEREAS, the Assignor has invented certain new and useful improvements set forth in the application for Letters Patent of the United States identified above;

WHEREAS, <u>Mitsubishi Electric Corporation</u>, a corporation duly organized under and pursuant to the laws of Japan and having a principal place of business at 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 Japan (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents. United States or foreign, to be obtained therefor and thereon.

Buchanan Ingersoll & Rooney PC

Attorney	Docket	No.	

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, abovementioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and benefit of the Assignee, its successors, legal representatives, and assigns.

November 25,2022	Masashi TOMIDA	/Masashi Tomida/
Date	Name	Signature
	Yukitoshi INABA	
Date	Name	Signature
	Koki YOSHIMOTO	
Date	Name	Signature
	Emiko KURATA	
Date	Name	Signature
Date	Name	Signature

Attorney Docket	No.	
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## **ASSIGNMENT**

THIS ASSIGNMENT, by the undersigned inventor (hereinafter referred to as "the Assignor"), respectively, witnesseth:

WHEREAS, the Assignor has invented certain new and useful improvements set forth in the application for Letters Patent of the United States identified above;

WHEREAS, <u>Mitsubishi Electric Corporation</u>, a corporation duly organized under and pursuant to the laws of Japan and having a principal place of business at 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 Japan (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents. United States or foreign, to be obtained therefor and thereon.

Buchanan Ingersoll & Rooney PC

Attorney	Docket	No.	

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AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and benefit of the Assignee, its successors, legal representatives, and assigns.

	Masashi TOMIDA	
Date	Name	Signature
January 5, 2023	Yukitoshi INABA	/Yukitoshi Inaba/
Date	Name	Signature
	Koki YOSHIMOTO	
Date	Name	Signature
	Emiko KURATA	
Date	Name	Signature
Date	Name	Signature

Attorney Docket	No.	
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Buchanan Ingersoll & Rooney PC

Attorney	Docket	No.	

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AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and benefit of the Assignee, its successors, legal representatives, and assigns.

Date	Masashi TOMIDA Name	Signature
Colle	Yukitoshi INABA	organica o
Date	Name	Signature
Novemver 26,2022	Koki YOSHIMOTO	/Koki Yoshimoto/
Date	Name	Signature
	Emíko KURATA	
Date	Name	Signature
Date	Name	Signature

Attorney	Docket N	2
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FORWARD MONITORING DEVICE AND FORWARD MONITORING
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Buchanan Ingersoll & Rooney re

Attorney	Docket	No.

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a a	Masashi TOMIDA	
Date	Name	Signature
A	Yukitoshi INABA	
Date	Name	Signature
ang	Koki YOSHIMOTO	
Date	Name	Signature
December 9 2022	Emiko KURATA	Emiko Kurata
Date	Name	Signature
Date	Name	Signature