

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7907079

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
OMRON ROBOTICS AND SAFETY TECHNOLOGIES, INC.	04/29/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OMRON CORPORATION
<b>Street Address:</b>	801, MINAMIFUDODO-CHO, HORIKAWAHIGASHIIRU, SHIOKOJI-DORI, SHIMOGYO-KU, KYOTO-SHI
<b>City:</b>	KYOTO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	600-8530
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17593164
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)760-9502
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<b>ATTORNEY DOCKET NUMBER:</b>	OMRF.024NP
<b>NAME OF SUBMITTER:</b>	MITCHELL B. HADLEY
<b>SIGNATURE:</b>	/Mitchell Hadley/
<b>DATE SIGNED:</b>	04/18/2023
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

WHEREAS, **OMRON Robotics and Safety Technologies, Inc.**, having an address at 4225 Hacienda Drive Pleasanton, California 94588 (hereinafter "ASSIGNOR"), owns the entire right, title, and interest to certain new and useful improvements for which ASSIGNOR has filed the issued Letters Patents and applications for Letters Patents in the United States and other jurisdictions listed in Exhibit 1 (hereinafter "the Patents and Patent Applications");

WHEREAS, **OMRON Corporation**, having an address at 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530, Japan (hereinafter "ASSIGNEE") desires to acquire the entire right, title, and interest in and to the inventions disclosed in the Patents and Patent Applications:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that it has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer, unto ASSIGNEE, its successors, legal representatives, and assigns, its entire right, title, and interest throughout the world in, to, and under the Patents and Patent Applications and the inventions disclosed in the Patents and Patent Applications, and all Patents that may be granted thereon, and all provisional applications relating thereto, and all divisions, continuations, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent that may hereafter be filed for said improvements or for the said Patent Applications in any country or countries foreign to the United States; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements and all Letters Patents resulting from the Patents and Patent Applications to ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this Assignment.

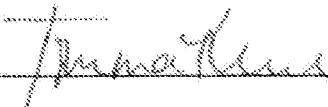
ASSIGNOR does hereby sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the Letters Patents before or after issuance.

ASSIGNOR hereby covenants and agrees that it will communicate to ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Patents and Patent Applications immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving any of the Patents and Patent Applications, will sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and will generally do everything possible to aid ASSIGNEE, its successors, legal representatives, and assigns to obtain and enforce the Patents and Patent Applications in all countries.

IN WITNESS WHEREOF Assignor and Assignee have caused this Assignment to be duly executed by their duly authorized representatives as identified below.

**Assignor (Conveying Party)**

OMRON Robotics and Safety Technologies, Inc.  
4225 Hacienda Drive  
Pleasanton, California 94588

By: 

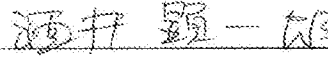
Name Printed: Tom Mathias

Title: President & CEO

Date: 4/29/21

**Assignee (Receiving Party)**

OMRON Corporation  
801, Minamifudodo-cho, Horikawahigashiiru,  
Shiokeji-dori, Shimogyo-ku,  
Kyoto-shi, Kyoto 600-8530, Japan

By: 

Name Printed: Kenichiro Sakai

Title: Manager, Intellectual Property Center

Date: May 9, 2021

## EXHIBIT 1

## Issued and Filed Patent Applications

Client No.	Country	Title	Application No.	Filing Date	Patent No.	Grant Date
708784	US	MOBILE ROBOTIC PLATFORM	29/426693	7/9/2012	D-722632	2/17/2015
583229	US	SPATIAL DATA COLLECTION APPARATUS AND METHOD	10/388911	3/14/2003	6917893	7/12/2005
583230	US	METHODS AND APPARATUS FOR POSITIVE WAFER PROCESS STATUS IDENTIFICATION DURING SEMICONDUCTOR WAFER PROCESSING	09/732010	12/8/2000	6530734	3/11/2003
708783	US	MOBILE ROBOTIC PLATFORM	29/426692	7/9/2012	D-722631	2/17/2015
708786	US	MOBILE ROBOTIC PLATFORM	29/426695	7/9/2012	D-722281	2/10/2015
708787	US	MOBILE ROBOTIC PLATFORM WITH SURFACE PATTERN	29/426696	7/9/2012	D-717208	11/11/2014
708785	US	MOBILE ROBOTIC PLATFORM	29/495533	7/1/2014	D-736117	8/11/2015
675857	WO	MULTI-STAGE STOP DEVICES FOR ROBOTIC ARMS	PCT/US2020/022152	3/11/2020		
675858	WO	MULTI-PATH COOLING FOR ROBOTIC SYSTEMS	PCT/US2020/020373	2/28/2020		
708795	US	MOBILE ROBOT	29/709416	10/14/2019		
675955	WO	MOBILE ROBOT DRIVE SYSTEM	PCT/US2020/055417	10/13/2020		
708794	US	MOBILE ROBOT	29/729974	3/31/2020		
583237	US	SAFETY SYSTEM FOR A MOBILE ROBOT CHARGING STATION	63/026660	5/18/2020		

Client No.	Country	Title	Application No.	Filing Date	Patent No.	Grant Date
583236	US	SYSTEM AND METHOD FOR LIMITING INRUSH CURRENT DURING ROBOT CHARGING	63/028851	5/22/2020		
583235	US	INDEPENDENT ROBOT SAFETY SYSTEM USING A SAFETY RATED PLC	63/030758	5/27/2020		
583234	US	CHARGING OF BATTERIES FOR MOBILE ROBOTS	63/051843	7/14/2020		