

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6434368

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YUICHI KOBAYASHI	08/07/2020
TAKESHI SUGIMOTO	08/07/2020
CHYON HAE KIM	08/07/2020
KAZUHITO TANAKA	08/07/2020
<b>RECEIVING PARTY DATA</b>	
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<b>City:</b>	TOYOTA-SHI, AICHI-KEN
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<b>Postal Code:</b>	471-8571
<b>Name:</b>	NATIONAL UNIVERSITY CORPORATION SHIZUOKA UNIVERSITY
<b>Street Address:</b>	5-1, JOHOKU 3-CHOME, NAKA-KU
<b>City:</b>	HAMAMATSU-SHI SHIZUOKA-KEN
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	432-8561
<b>Name:</b>	NATIONAL UNIVERSITY CORPROATION, IWATE UNIVERSITY
<b>Street Address:</b>	18-8, UEDA 3-CHOME
<b>City:</b>	MORIOKA-SHI IWATE
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	020-8550
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17064006
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)647-5210
<i>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.</i>	
<b>Phone:</b>	248-647-6000
<b>Email:</b>	Teresa.Purdy@dinsmore.com

**Correspondent Name:** DINSMORE & SHOHL LLP  
**Address Line 1:** 900 WILSHIRE DRIVE, SUITE 300  
**Address Line 4:** TROY, MICHIGAN 48084

**ATTORNEY DOCKET NUMBER:** 94384-59 (08TMCHI15602PA)

**NAME OF SUBMITTER:** YONGSOK CHOI

**SIGNATURE:** /Yongsok Choi/

**DATE SIGNED:** 12/06/2020

**Total Attachments: 12**

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**ASSIGNMENT**

WHEREAS, we, Yuichi KOBAYASHI, residing at Hamamatsu-shi, Shizuoka-ken, Japan, Takeshi SUGIMOTO, residing at Koto-ku, Tokyo-to, Japan, Chyon Hae KIM, residing at Morioka-shi, Iwate-ken, Japan, and Kazuhito TANAKA, residing at Toyota-shi, Aichi-ken, Japan, hereinafter the *ASSIGNORS*, invented certain new and useful  
AUTONOMOUS MOBILE ROBOT AND CONTROL PROGRAM FOR AUTONOMOUS MOBILE ROBOT

for which we executed an application for a United States Patent and for which said application for United States Patent was filed on October 6, 2020, under

- Patent Application No. 17/064,006
- Attorney Docket No. 94384-59 (08TMCHI15602PA)

WHEREAS, the *ASSIGNORS* hereby authorize and request the attorney(s) and/or agent(s) empowered to act on **NATIONAL UNIVERSITY CORPORATION SHIZUOKA UNIVERSITY's, NATIONAL UNIVERSITY CORPORATION, IWATE UNIVERSITY's and TOYOTA JIDOSHA KABUSHIKI KAISHA's** behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

WHEREAS, **NATIONAL UNIVERSITY CORPORATION SHIZUOKA UNIVERSITY**, an organization of the Country of Japan, with a place of business at 5-1, Johoku 3-chome, Naka-ku, Hamamatsu-shi, Shizuoka-ken 432-8561 Japan, **NATIONAL UNIVERSITY CORPORATION, IWATE UNIVERSITY**, an organization of the Country of Japan, with a place of business at 18-8, Ueda 3-chome, Morioka-shi, Iwate 020-8550 Japan, and **TOYOTA JIDOSHA KABUSHIKI KAISHA**, a Corporation of the Country of Japan, with a place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan, hereinafter called the *ASSIGNEES*, is desirous of acquiring *ASSIGNORS'* entire right, title and interest in and to said application and the inventions therein disclosed and any Letters Patent that may issue thereon;

AND, WHEREAS, it is the intent of the *ASSIGNORS* to assign all rights to the above referenced application to the *ASSIGNEES*, including, but not limited to, all substantive rights in the above-referenced application as well as the right to claim priority, the right to be granted a patent in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, *ASSIGNORS* hereby sell, assign and transfer unto said *ASSIGNEES*, its successors and assigns, the entire right, title and interest, including the right to claim priority in and to said application, the inventions therein disclosed, and any improvements thereon, and in any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, and in and to any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof;


*ASSIGNORS* hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, to issue, when granted, any Letters Patent thereon, and any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, to said *ASSIGNEES*, its successors and assigns, as the assignee of the entire right title and interest in and to the same, for the sole use and behalf of the *ASSIGNEES* and the *ASSIGNEE'S* successors and assigns, to the full end of the term for which the Letters Patent may be granted, including the term of any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, as fully and entirely as the same would have been held by the *ASSIGNORS* had this assignment not been made;

*ASSIGNORS* hereby authorize said *ASSIGNEES*, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof; and

*ASSIGNORS* hereby agree that, upon request, *ASSIGNORS* will sign all papers, and make all rightful oaths, and do all acts which said *ASSIGNEES*, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States application or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof.

Date: August 7, 2020

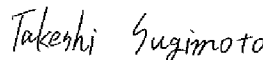
Signature:



Yuichi KOBAYASHI

Date: August 7, 2020

Signature:



Takeshi SUGIMOTO

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Chyon Hae KIM

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Kazuhito TANAKA

**ASSIGNMENT**

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- Attorney Docket No. 94384-59 (08TMCHI15602PA)

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Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Yuichi KOBAYASHI

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Takeshi SUGIMOTO



Date: August 7, 2020

Signature: *Chyon Hae Kim*  
Chyon Hae KIM

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Kazuhiro TANAKA

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Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Yuichi KOBAYASHI

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Takeshi SUGIMOTO

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Chyon Hae KIM

Date: August 7, 2020

Signature: \_\_\_\_\_

*Kazuhito Tanaka*  
Kazuhito TANAKA