PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7901016

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MASATERU TAKAYANAGI	02/28/2023
RYOTARO TOYOFUKU	02/28/2023
FUMIHIRO TOKUMITSU	02/28/2023
TAKUYA MASADA	02/20/2023
TETSUYA NAGASHITA	02/28/2023
YUICHI KATO	02/28/2023

RECEIVING PARTY DATA

Name:	YACHIYO INDUSTRY CO., LTD.	
Street Address:	393 KASHIWABARA	
City:	SAYAMA-SHI, SAITAMA	
State/Country:	JAPAN	
Postal Code:	350-1335	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18031779

CORRESPONDENCE DATA

Fax Number:

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.

Email:docketing@dority-manning.comCorrespondent Name:DORITY & MANNING, P.A.Address Line 1:POST OFFICE BOX 1449

Address Line 4: GREENVILLE, SOUTH CAROLINA 29602-1449

ATTORNEY DOCKET NUMBER:	OSHI-204-PCT-US	
NAME OF SUBMITTER:	MATTHEW J. SUTCH	
SIGNATURE:	/Matthew J. Sutch/	
DATE SIGNED:	04/14/2023	

Total Attachments: 5

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PATENT REEL: 063321 FRAME: 0500 source=OSHI-204-PCT-US_Executed_Assignment#page2.tif source=OSHI-204-PCT-US_Executed_Assignment#page3.tif source=OSHI-204-PCT-US_Executed_Assignment#page4.tif source=OSHI-204-PCT-US_Executed_Assignment#page5.tif

> PATENT REEL: 063321 FRAME: 0501

JOINT INVENTION ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, we, Masateru TAKAYANAGI, a citizen of Japan, residing at c/o YACHIYO INDUSTRY CO., LTD. 393-2 Sasakubo Kashiwabara Sayama-Shi, Saitama 350-1335 Japan; Ryotaro TOYOFUKU, a citizen of Japan, residing at c/o YACHIYO INDUSTRY CO., LTD. 393-2 Sasakubo Kashiwabara Sayama-Shi, Saitama 350-1335 Japan; Fumihiro TOKUMITSU, a citizen of Japan, residing at c/o YACHIYO INDUSTRY CO., LTD. 393-2 Sasakubo Kashiwabara Sayama-Shi, Saitama 350-1335 Japan; Takuya MASADA, a citizen of Japan, residing at c/o YACHIYO INDUSTRY CO., LTD. 393-2 Sasakubo Kashiwabara Sayama-Shi, Saitama 350-1335 Japan; Tetsuya NAGASHITA, a citizen of Japan, residing at c/o YACHIYO INDUSTRY CO., LTD. 393-2 Sasakubo Kashiwabara Sayama-Shi, Saitama 350-1335 Japan; and Yuichi KATO, a citizen of Japan, residing at c/o YACHIYO INDUSTRY CO., LTD. 393-2 Sasakubo Kashiwabara Sayama-Shi, Saitama 350-1335 Japan; as assignors, have made an invention entitled

TANK COOLING APPARATUS (PCT/JP2021/029996)

as described in a patent application for U.S. Letters Patent executed by me on even date herewith, which is about to be filed in the U.S. Patent and Trademark Office; and

WHEREAS, Yachiyo Industry Co., Ltd., 393 Kashiwabara, Sayama-shi, Saitama 350-1335 Japan, as assignee, is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all

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reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN WITNESS WHEREOF, the Assignors have executed this document on the date indicated below:

Masateru TAKAYANAGI	February 28, 2023
Masateru TAKAYANAGI	Date
Ryotaro TOYOFUKU	February 28, 2023
Ryotaro TOYOFUKU	Date

Yuichi KATO

Date

ATTORNEY DOCKET NUMBER:

Fumihiro TOKUMITSU	Date
Takuya Masada. Takuya MASADA	<i>Feb . 20, 2023</i> Date
Tetsuya NAGASHITA	Date
Vuichi KATO	Data

	ATTORNEY DOCKET NUMBER:
Fumihiro TOKUMITSU	Date
Takuya MASADA	Date
Tetoya Nagashita	February 28, 2=23
Tetsuya NAGASHITA	Date
Juishi Lato	February 29-2023 Date
Yuichi KATO	Date