

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6178487

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HISASHI HORI	02/05/2020
NOBUSHIRO SEO	01/31/2020
KOSUKE YAMANAKA	01/31/2020
RECEIVING PARTY DATA	
Name:	NIPPON LIGHT METAL COMPANY, LTD.
Street Address:	1-1-13 SHIMBASHI, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	1050004
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16959087
CORRESPONDENCE DATA	
Fax Number:	(612)332-9081
<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>	
Phone:	612-332-5300
Email:	crogers@merchantgould.com
Correspondent Name:	MERCHANT & GOULD P.C.
Address Line 1:	P.O. BOX 2903
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402-0903
ATTORNEY DOCKET NUMBER:	13425.0244FPWO
NAME OF SUBMITTER:	BRIAN H. BATZLI
SIGNATURE:	/Brian H. Batzli/
DATE SIGNED:	06/30/2020
Total Attachments: 2	
source=Assignment_13425_0244FPWO#page1.tif	
source=Assignment_13425_0244FPWO#page2.tif	

INSTRUCTIONS

Inventor(s) Name,
Address, Citizenship

Check the appropriate box and
fill in the requested information:

- select the first check box if the application is a national stage of a PCT application and provide the international application number and filing date before sending the assignment for execution;
- select the second check box if the application will be filed without the executed assignment - once the assignment is executed and the serial number and filing date of the U.S. application are known, provide this information before recordation;
- select the third check box if the application was previously filed and provide the serial number and filing date before sending the assignment for execution; or
- select the fourth check box if the application will be filed with the application.

Name of Corporation

U.S. ASSIGNMENT TO CORPORATION

WHEREAS,

1. Hisashi HORI having an address at c/o Nikkei Research & Development Center, NIPPON LIGHT METAL COMPANY, LTD., 1-34-1, Kambara, Shimizu-ku, Shizuoka-shi, Shizuoka 4213203, Japan and a citizen of Japan;
2. Nobushiro SEO having an address at c/o Nikkei Research & Development Center, NIPPON LIGHT METAL COMPANY, LTD., 1-34-1, Kambara, Shimizu-ku, Shizuoka-shi, Shizuoka 4213203, Japan and a citizen of Japan;
3. Kosuke YAMANAKA having an address at c/o Nikkei Research & Development Center, NIPPON LIGHT METAL COMPANY, LTD., 1-34-1, Kambara, Shi mizu-ku, Shizuoka-shi, Shizuoka 4213203, Japan and a citizen of Japan;

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States entitled

METHOD FOR MANUFACTURING LIQUID-COOLING JACKET

and which:

- is the national stage application of International Application No. PCT/JP2018/035949, filed on September 27, 2018 ;
- will be filed without this executed PATENT ASSIGNMENT. THE UNDERSIGNED hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Merchant & Gould PC, who are associated with customer number 23552, to insert here in parenthesis (U.S. Serial No. _____, filed _____) this application's U.S. Serial Number and filing date, when known;
- was filed on _____ and was given U.S. Serial No. _____; or
- is filed concurrently herewith;

AND WHEREAS NIPPON LIGHT METAL COMPANY, LTD. (herein called "ASSIGNEE"), a corporation organized under the laws of Japan, and having an office and place of business at 1-1-13 Shimbashi, Minato-ku, Tokyo 1050004, Japan.

State or Country of
Incorporation and Address

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date
Note: No legalization or other
witness required

Name: 1.	Signature:	Date:
<u>Hisashi HORI</u>	<i>Hisashi Idai</i>	<i>February 5, 2020</i>
Name: 2.	Signature:	Date:
<u>Nobushiro SEO</u>	<i>Nobushiro Seo</i>	<i>January 31, 2020</i>
Name: 3.	Signature:	Date:
<u>Kosuke YAMANAKA</u>	<i>Kosuke YAMANAKA</i>	<i>January 31, 2020</i>