

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAKEAKI KOZONO	02/17/2016
YUSUKE HASUO	02/22/2016
SHOWA TACHISATO	02/11/2016
SHIN MATSUDA	02/11/2016
RECEIVING PARTY DATA	
Name:	MITSUI HIGH-TEC , INC.
Street Address:	10-1, KOMINE 2-CHOME, YAHATANISHI-KU, KITAKYUSHU-SHI,
City:	FUKUOKA
State/Country:	JAPAN
Postal Code:	807-8588
Name:	KOYO THERMO SYSTEMS CO., LTD.
Street Address:	229, KABATA-CHO, TENRI-SHI,
City:	NARA
State/Country:	JAPAN
Postal Code:	632-0084
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15056051
CORRESPONDENCE DATA	
Fax Number:	(703)716-1180
<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>	
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ATTORNEY DOCKET NUMBER:	P49572
NAME OF SUBMITTER:	DANIEL B. MOON

SIGNATURE:	/Daniel B. Moon/
DATE SIGNED:	02/29/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 12 source=P49572_Assign#page1.tif source=P49572_Assign#page2.tif source=P49572_Assign#page3.tif source=P49572_Assign#page4.tif source=P49572_Assign#page5.tif source=P49572_Assign#page6.tif source=P49572_Assign#page7.tif source=P49572_Assign#page8.tif source=P49572_Assign#page9.tif source=P49572_Assign#page10.tif source=P49572_Assign#page11.tif source=P49572_Assign#page12.tif	

COMBINED INVENTOR'S DECLARATION AND ASSIGNMENT

DECLARATION

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

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

Authorization to Permit Access to Application by Participating Office

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

Direct Correspondence to: **CUSTOMER NUMBER 07055**

At: Greenblum & Bernstein, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191

Direct Telephone Calls to: Greenblum & Bernstein, P.L.C. (703) 716-1191

ASSIGNMENT

WHEREAS, **Takeaki KOZONO**, a resident of Fukuoka, Japan, whose mailing address is c/o MITSUI HIGH-TEC, INC. 10-1, KOMINE 2-CHOME, YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 807-8588 JAPAN, **Yusuke HASUO**, a resident of Fukuoka, Japan, whose mailing address is c/o MITSUI HIGH-TEC, INC. 10-1, KOMINE 2-CHOME, YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 807-8588 JAPAN, **Showa TACHISATO**, a resident of Nara, Japan, whose mailing address is c/o KOYO THERMO SYSTEMS CO., LTD., 229, KABATA-CHO, TENRI-SHI, NARA 632-0084 JAPAN, **Shin MATSUDA**, a resident of Nara, Japan, whose mailing address is c/o KOYO THERMO SYSTEMS CO., LTD., 229, KABATA-CHO, TENRI-SHI, NARA 632-0084 JAPAN, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

HEAT-TREATMENT APPARATUS AND HEAT-TREATMENT METHOD

for which they have jointly executed, on the same date as this assignment, an application for Letters Patent for the United States to be filed in the United States Patent and Trademark Office.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the practitioners of record in this application associated with Customer No. **07055** including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043, William E. Lyddane, Reg. No. 41,568 and William S. Boshnick, Reg. No. 44,550, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. _____, filed _____) the filing date and application number of said application when known.

AND WHEREAS, **MITSUI HIGH-TEC, INC.**, a corporation organized and existing under the laws of **Japan**, whose mailing address is 10-1, KOMINE 2-CHOME, YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 807-8588 JAPAN, and **KOYO THERMO SYSTEMS CO., LTD.**, a corporation organized and existing under the laws of **Japan**, whose mailing address is 229, KABATA-CHO, TENRI-SHI, NARA 632-0084 JAPAN, hereinafter known as the ASSIGNEES, are desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof.

NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEES, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States and including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor and all rights to sue for past and future infringement thereunder, said ASSIGNEES and its assigns and legal

representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations, and prolongations thereof, for the use and benefit of said ASSIGNEES and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agrees to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEES, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the date indicated below.

Takeaki Kozono

Takeaki KOZONO

Feb. 17, 2016

Date

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the date indicated below.

Yusuke Hasuo

Yusuke HASUO

Feb. 22, 2016

Date

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the date indicated below.

Showa TACHISATO

Date

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the date indicated below.

Shin MATSUDA

Date

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representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations, and prolongations thereof, for the use and benefit of said ASSIGNEES and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

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Takeaki KOZONO

Date

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the date indicated below.

Yusuke HASUO

Date

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the date indicated below.

Showa Tachisato

Showa TACHISATO

February 11, 2016

Date

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the date indicated below.

Shin Matsuda

Shin MATSUDA

February 11, 2016

Date