

## PATENT ASSIGNMENT COVER SHEET

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|----------------------------------------------------------------------------------------|----------------------------------|
| SUBMISSION TYPE:                                                                       | NEW ASSIGNMENT                   |
| NATURE OF CONVEYANCE:                                                                  | ASSIGNMENT                       |
| CONVEYING PARTY DATA                                                                   |                                  |
| Name                                                                                   | Execution Date                   |
| KENJI TOKURA                                                                           | 10/24/2013                       |
| RECEIVING PARTY DATA                                                                   |                                  |
| Name:                                                                                  | KYOSHIN KOGYO CO., LTD.          |
| Street Address:                                                                        | 20-7 EBIE 7-CHOME FUKUSHIMA-KU   |
| City:                                                                                  | OSAKA-SHI                        |
| State/Country:                                                                         | JAPAN                            |
| Postal Code:                                                                           | 553-0001                         |
| PROPERTY NUMBERS Total: 1                                                              |                                  |
| Property Type                                                                          | Number                           |
| Application Number:                                                                    | 14233722                         |
| CORRESPONDENCE DATA                                                                    |                                  |
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| NAME OF SUBMITTER:                                                                     | KONOMI TAKESHITA                 |
| Signature:                                                                             | /Konomi Takeshita/               |
| Date:                                                                                  | 02/06/2014                       |
| Total Attachments: 1<br>source=Executed ASSIGNMENTY13S013PCTUS#page1.tif               |                                  |

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PATENT  
REEL: 032166 FRAME: 0547

## ASSIGNMENT

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

**MANUFACTURING METHOD FOR GRIP MEMBER FOR INSERTION TUBE IN HEAT EXCHANGER, MANUFACTURING METHOD FOR HEAT EXCHANGER USING SAID GRIP MEMBER, AND AIR CONDITIONER AND/OR OUTDOOR UNIT HAVING SAID HEAT EXCHANGER**

sell and assign to

KYOSHIN KOGYO CO., LTD. a Japanese company, having an address at  
20-7 Ebie7-chome, Fukushima-ku, Osaka-shi, Osaka 553-0001, Japan,

their successors, and assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)      ☒ [X] executed concurrently herewith;  
                         ☐ [ ] executed on \_\_\_\_\_;  
                         ☒ [X] Application No. PCT/JP2012/069264, filed July 20, 2012;

and in and to all applications for patent and patents for invention, in all countries of the world, including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

[1st Inventor]

Address: C/O KYOSHIN KOGYO CO., LTD. 20-7 Ebie7-chome, Fukushima-ku,  
Osaka-shi, Osaka 553-0001, Japan  
Country of Citizenship: Japan

Date

24/10/2013

Kenji TOKURA

Kenji TOKURA

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