

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tomoyasu ADACHI</td> <td>03/23/2012</td> </tr> <tr> <td>Nobuya NAKAGAWA</td> <td>03/23/2012</td> </tr> <tr> <td>Shiro MATSUBARA</td> <td>03/23/2012</td> </tr> <tr> <td>Naoto KUNIEDA</td> <td>03/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Tomoyasu ADACHI	03/23/2012	Nobuya NAKAGAWA	03/23/2012	Shiro MATSUBARA	03/23/2012	Naoto KUNIEDA	03/23/2012
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<table border="1"> <tr> <td>Name:</td> <td>mitsubishi heavy industries, ltd.</td> </tr> <tr> <td>Street Address:</td> <td>16-5, Konan 2-chome, Minato-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>108-8215</td> </tr> </table>		Name:	mitsubishi heavy industries, ltd.	Street Address:	16-5, Konan 2-chome, Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	108-8215
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CORRESPONDENCE DATA											
<p>Fax Number: (202)822-1111 Phone: (202) 822-1100 Email: patentmail@whda.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Westerman, Hattori, Daniels & Adrian, LL Address Line 1: 1250 Connecticut Ave, NW Address Line 2: Suite 700 Address Line 4: Washington, DISTRICT OF COLUMBIA 20036</p>											
ATTORNEY DOCKET NUMBER:	120401										
NAME OF SUBMITTER:	Crystal Boyer										
Total Attachments: 1 source=Assignment#page1.tif											

OP \$40.00 13499994

Docket No. _____

Westerman, Hattori, Daniels & Adrian, LLP

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by **MITSUBISHI HEAVY INDUSTRIES, LTD.**

(Insert ASSIGNEE's Name(s) Address(es))

of 16-5, Konan 2-chome, Minato-ku, Tokyo, 108-8215, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

HEATING-MEDIUM HEATING UNIT AND VEHICLE AIR CONDITIONER USING THE SAME

(*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

* filed on _____ Serial No. _____

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u>Tomoyasu Adachi</u> (Signature)	<u>Tomoyasu ADACHI</u> (Type Name)	<u>MAR. 23, 2012</u> (Date)
<u>Nobuya Nakagawa</u> (Signature)	<u>Nobuya NAKAGAWA</u> (Type Name)	<u>MAR. 23, 2012</u> (Date)
<u>Shiro Matsubara</u> (Signature)	<u>Shiro MATSUBARA</u> (Type Name)	<u>MAR. 23, 2012</u> (Date)
<u>Naoto Kunieda</u> (Signature)	<u>Naoto KUNIEDA</u> (Type Name)	<u>MAR. 23, 2012</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED