

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Tadahiko MATSUBA</td><td>11/14/2011</td></tr><tr><td>Naofumi USHIODA</td><td>11/16/2011</td></tr><tr><td>Yoshitaka TAKAKURA</td><td>11/15/2011</td></tr></tbody></table>		Name	Execution Date	Tadahiko MATSUBA	11/14/2011	Naofumi USHIODA	11/16/2011	Yoshitaka TAKAKURA	11/15/2011		
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Tadahiko MATSUBA	11/14/2011										
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>YAMATAKE CORPORATION</td></tr><tr><td>Street Address:</td><td>2-7-3 Marunouchi, Chiyoda-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>100-6419</td></tr></table>		Name:	YAMATAKE CORPORATION	Street Address:	2-7-3 Marunouchi, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-6419
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13305900</td></tr></tbody></table>		Property Type	Number	Application Number:	13305900						
Property Type	Number										
Application Number:	13305900										
CORRESPONDENCE DATA											
Fax Number: (202)756-8087											
Phone: 212-547-5400											
Email: mweipdocket@mwe.com											
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name: Louis J. DelJuidice											
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Address Line 2: 600 13TH STREET, N.W.											
Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-3096											
ATTORNEY DOCKET NUMBER:	085815-0202										
NAME OF SUBMITTER:	Angelina Stantini										
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif											

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PATENT
REEL: 027295 FRAME: 0310

RECORDATION FORM COVER SHEET

Docket No.: 085815-0202

PATENTS ONLY

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of Conveying Party(ies)

Tadahiko MATSUBA; Naofumi USHIODA;

Yoshitaka TAKAKURA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): **November 14, 2011; November 16, 2011;
November 15, 2011**

- | | |
|---|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Joint Research Agreement | |
| <input type="checkbox"/> Government Interest Assignment | |
| <input type="checkbox"/> Executive Order 9424, Confirmatory License | |
| <input type="checkbox"/> Other | |

2. Name and address of receiving party(ies)

Name: **YAMATAKE CORPORATION**

Internal Address:

Address: **2-7-3 Marunouchi, Chiyoda-ku
Tokyo 100-6419 Japan**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No(s).

☒ This document is being filed together with a new application.

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: **MCDERMOTT WILL & EMERY LLP**

Internal Address:

Street Address: **600 13th Street, N.W.**

City: **Washington** State: **D. C.** Zip: **20005-3096**

Phone Number: **212.547.5400**

Fax Number: **202.756.8087**

Email Address:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☐ Authorized to be charged by credit card
- ☒ Authorized to be charged to deposit account
- ☐ Enclosed
- ☐ None required (government interest not affecting title)

8. Payment Information:

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number **500417**

Authorized User Name _____

9. Signature.

Louis J. DelJuidice, 47,522

/Louis J. DelJuidice – 47.522/

November 29, 2011

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents: 3

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>Tadahiko MATSUBA</u>	(4) _____
(2) <u>Naofumi USHIODA</u>	(5) _____
(3) <u>Yoshitaka TAKAKURA</u>	(6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

YAMATAKE CORPORATION

_____ a Corporation organized under the law of Japan, located at 2-7-3 Marunouchi, Chiyoda-ku, Tokyo 100-6419 JAPAN _____

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

**DESICCANT AIR-CONDITIONING SYSTEM AND OPERATING METHOD
THEREOF**

_____ (a) for which an application for United States Letters Patent was filed on _____, and identified by United States Application No. _____; or

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

	INVENTORS	DATE SIGNED
1)	<u>TADAHIKO MATSUBA</u> Name: Tadahiko MATSUBA	<u>14 November 2011</u>
2)	<u>NAOFUMI USHIODA</u> Name: Naofumi USHIODA	<u>16 November 2011</u>
3)	<u>YOSHITAKA TAKAKURA</u> Name: Yoshitaka TAKAKURA	<u>15 November 2011</u>
4)	<u>X</u> Name:	
5)	<u></u> Name:	
6)	<u></u> Name:	