

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>Naofumi TAKENAKA</td> <td>05/07/2013</td> </tr> <tr> <td>Shinichi WAKAMOTO</td> <td>05/08/2013</td> </tr> <tr> <td>Koji YAMASHITA</td> <td>05/10/2013</td> </tr> <tr> <td>Hiroyuki MORIMOTO</td> <td>05/09/2013</td> </tr> <tr> <td>Katsuhiro ISHIMURA</td> <td>05/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	Naofumi TAKENAKA	05/07/2013	Shinichi WAKAMOTO	05/08/2013	Koji YAMASHITA	05/10/2013	Hiroyuki MORIMOTO	05/09/2013	Katsuhiro ISHIMURA	05/09/2013
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<table border="1"> <tr> <td>Name:</td> <td>Mitsubishi Electric Corporation</td> </tr> <tr> <td>Street Address:</td> <td>7-3, Marunouchi 2-chome, 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>100-8310</td> </tr> </table>		Name:	Mitsubishi Electric Corporation	Street Address:	7-3, Marunouchi 2-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-8310		
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CORRESPONDENCE DATA													
<p>Fax Number: 7034132220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 413-3000 Email: sgetasetegne@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314</p>													
ATTORNEY DOCKET NUMBER:	417296US2PCT												
NAME OF SUBMITTER:	Shewaye Getasetegne												
Signature:	/Shewaye Getasetegne/												

OP \$40.00 13997422

Date:	06/24/2013
Total Attachments: 2 source=417296USassignment#page1.tif source=417296USassignment#page2.tif	

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) Naofumi TAKENAKA -c/o Mitsubishi Electric Corporation, 7-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310, Japan,
Shinichi WAKAMOTO -c/o Mitsubishi Electric Corporation, 7-3, Marunouchi 2-
chome, Chiyoda-ku, Tokyo 100-8310, Japan,
Koji YAMASHITA -c/o Mitsubishi Electric Corporation, 7-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310, Japan,
Hiroyuki MORIMOTO -c/o Mitsubishi Electric Corporation, 7-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310, Japan,
Katsuhiko ISHIMURA -c/o Mitsubishi Electric Corporation, 7-3, Marunouchi 2-
chome, Chiyoda-ku, Tokyo 100-8310, Japan,
_____, respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: AIR-CONDITIONING APPARATUS

(Application No. PCT/JP2011/000518 , filed January 31, 2011), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, Mitsubishi Electric Corporation

(hereinafter referred to as "ASSIGNEE") having a place of business at: 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: May 7, 2013

Naofumi Takenaka
(Signature of Inventor) Naofumi TAKENAKA

Date: May 8, 2013

Shinichi Wakamoto
(Signature of Inventor) Shinichi WAKAMOTO

Date: May 10, 2013

Koji Yamashita
(Signature of Inventor) Koji YAMASHITA

Date: May 9, 2013

Hiroyuki Morimoto
(Signature of Inventor) Hiroyuki MORIMOTO

Date: May 9, 2013

Katsuhiro Ishimura
(Signature of Inventor) Katsuhiro ISHIMURA

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

07/09