

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Noriyuki CHIKAGAWA	06/19/2012
RECEIVING PARTY DATA	
Name:	mitsubishi heavy industries, ltd.
Street Address:	16-5 Konan 2-chome, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	108-8215
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13521509
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	120797
NAME OF SUBMITTER:	Crystal Boyer
Total Attachments: 1 source=Assignment#page1.tif	

OP \$40.00 13521509

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)

**VEHICLE AIR CONDITIONING DEVICE**

(\*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>Noriyuki Chikagawa</u> (Signature)	<u>Noriyuki CHIKAGAWA</u> (Type Name)	<u>June 19, 2012</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED

PATENT

RECORDED: 07/11/2012

REEL: 028528 FRAME: 0379