#### 502549113 10/29/2013

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2594668

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
SABURO SAKAMOTO	07/18/2013
SHINICHIROU HIRAI	07/18/2013
MASASHI WATANABE	07/18/2013
KOICHI TABEI	06/26/2013

## **RECEIVING PARTY DATA**

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Postal Code:	471-8571		

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14112607

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	4041J-002143/US/NP		
NAME OF SUBMITTER:	DEVORAH LERNER		

**PATENT REEL: 031497 FRAME: 0108** 

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Signature:	/devorahlemer/
Date:	10/29/2013
Total Attachments: 2 source=Assignments_with_serial_number#page1.tif source=Assignments_with_serial_number#page2.tif	

PATENT REEL: 031497 FRAME: 0109

#### ASSIGNMENT BY INVENTORS

Sole or Joint

WHEREAS, the undersigned, hereinafter referred to as Assignor(s), have invented

#### AIR-CONDITIONER FOR VEHICLE

for which the	undersigned executed an application for Letters Patent of the United States of America:
(A)	even date herewith
(B)	on
(C)	in U.S. Appln. No. 14/112,607 filed 18 October 2013
	/HEREAS, DOSHA KABUSHIKI KAISHA,1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan

hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignors by these presents do sell, assign and transfer unto Assignee, its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention, to the said invention as described in the specification executed by Assignors of even date preparatory to filing a United States application for patent therefor, said invention and all United States applications for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignors had this assignment and sale not been made; and Assignors hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of United States application for patent and all foreign countries on, for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor for the benefit of Assignee without further or other compensation than that above set forth; and Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee(s).

·	Saburo Lakamoto	July 18.2013
Inventor 1:	Saburo Sakamoto	Date
S.S. July 18,20/3	Thinichiro Hural	July 18.20/3
Inventor 2:	Shinichirou Hirai	Date
5.4. July 18,20/3 Inventor 3:	Thins pire Tourais	July 18, 2013
Inventor 3:	Masashi Watanabe	Date
Inventor 4:	Koichi Tabei	Date

PATENT REEL: 031497 FRAME: 0110

# **ASSIGNMENT BY INVENTORS**

Sole or Joint

WHEREAS, the undersigned, hereinafter referred to as Assignor(s), have invented

# AIR-CONDITIONER FOR VEHICLE

for which the	_			ers Pate	nt of the United State	es of America:
(A)	×e	ven date herewith	า			
(B)					<del></del>	
(C)	i	n U.S. Appln. No.	14/112,607	filed	18 October 2013	
AND	WHEREAS,					
TOYOTA J	IIDOSHA KAB	SUSHIKI KAISHA	.1. Tovota-cho	. Tovota	-shi, Aichi-ken, 471	-8571 Japan
			, , <u> </u>	<u> </u>		<del> </del>
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nereinatter ret	rerred to as As	ssignee, is desiro	us of acquiring a	an intere	st therein:	
acknowledged interest, the furight to claim as described States applicated Letters Patent Letters Patent held by Assignagree to execunited States of protecting the benefit hereby requesting to the benefit interest the claim to claim the states of protecting the states of	d, Assignors by all and exclusive priority under in the specification for patent therefor to be the are granted a gnors had this cute all instrum application for title to the said to f Assignee v	y these presents we right in the Unit the laws of the Unit the laws of the Unit the laws of the Unit therefor, said in the held and enjoyand any extension assignment and nents or document patent and all for the Unit the Unit the Unit the Unit the Unit the Instant of Patents	do sell, assign a sited States of Ar Inited States and by Assignors of Inited by Assigners thereof as full sale not been not required or in the sale states apported States and States apported States apported States apported States apported States apported States and States and States and States and States and States apported States apported States and	and transmerica and the Pa of even of United See to the lity and er made; arequeste on, for litolication than	on, the receipt whe sfer unto Assignee, it and all foreign countried ris Convention, to the date preparatory to states applications for full end of the term tirely as the same wand Assignors hereboard of for the making and tigation regarding, or for patent, or Letters that above set forth ue said Letters Pate	ts successors in es, including the e said invention filing a United or patent and all for which said would have been by covenant and d prosecution of for the purpose a Patent thereforn; and Assignors
	Inventor 1:	Saburo Sakan	noto	_ Da	ate	
	Inventor 2:	Shinichirou H	irai		ate	
	Inventor 3:	Masashi Wata	nabe		ate	
	Yin	hi Taliei		-	16/June/2013	· }
	provide	~ variation		~		

Date

PATENT REEL: 031497 FRAME: 0111

**RECORDED: 10/29/2013** 

Inventor 4: Koichi Tabei