501866265 03/26/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yoshihiro Suzuki	02/03/2012

RECEIVING PARTY DATA

Name:	DENSO CORPORATION	
Street Address:	1-1, Showa-cho	
City:	Kariya-city, Aichi-pref.	
State/Country:	JAPAN	
Postal Code:	448-8661	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13348933	

CORRESPONDENCE DATA

Fax Number:

Phone: 248-641-1600 Email: rcfaul@hdp.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: HARNESS, DICKEY & PIERCE, P.L.C.

Address Line 1: P.O. BOX 828

Address Line 4: BLOOMFIELD HILLS, MICHIGAN 48303

ATTORNEY DOCKET NUMBER: 4041K-000453/US

NAME OF SUBMITTER: Michael J. Schmidt

Total Attachments: 1

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PATENT REEL: 027928 FRAME: 0121 CH 640 00 133489;

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

(Insert	DENSO CORPORATION	DENSO CORPORATION					
ASSIGNEE's Name(s) Address(es))	1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448-8661 JAPAN						
		Million Control of the Control of th					
		•					
	(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)	AIR PASSAGE OPENING/CI	LOSING DEVICE					
	relating to International Patent Applicat of the United States was executed on ev	ion PCT/JP/ en date herewith or, if not so exec	and/or for which application for Letter's Patent cuted, was:				
(Insert date of execution	(a) executed on	: Assignee's attorney is	s hereby authorized to insert in (b) the specified				
of application, if not	(b) filed on <u>January 12, 2</u>	012 data, when known.					
concurrent)	3611al No	Serial No13/348,933 ;					
	and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").						
	The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.						
		•	e) affixed his/her/their signature(s).				
Signatures)	yoshihiro Suzuki (SIGNATURE)	Yoshihiro Suzuki	- February 3, 20/2				
	(SIGNATURE)	(TYPE NAME)	(BATE)				
	2)(SIGNATURE)	(TYPE NAME)	(DATE)				
	2)						
	(SIGNATURE)	(TYPE NAME)	(DATE)				
	4)						
	(SIGNATURE)	(TYPE NAME)	(DATE)				
	5)(SIGNATURE)	(TYPE NAME)	(DATE)				
	6)						
	(SIGNATURE)	(TYPE NAME)	(DATE)				
	7)(SIGNATURE)	(TYPE NAME)	(DATE)				
	0)						
	8)(SIGNATURE)	(TYPE NAME)	(DATE)				

PATENT

REEL: 027928 FRAME: 0122

RECORDED: 03/26/2012