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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3301861

SUBMISSION TYPE:		NEW ASSIGNMENT				
ATURE OF CONVE	YANCE:	ASSIGNMENT				
CONVEYING PART	Υ DATA					
		Name	Name Execution Da			
INTERNATIONAL E	NGINE INTELL	ECTUAL PROPERTY COMPA	NY	03/10/2015		
RECEIVING PARTY	' DATA					
Name:	INVENSE	INVENSENSE, INC.				
Street Address:	1745 TEC	HNOLOGY DRIVE				
City:	SAN JOS	E				
State/Country:	CALIFOR	NIA				
Postal Code:	95110					
PROPERTY NUMB		Number				
Patent Number:	-	85820				
Patent Number:	63	78487				
		01700				
Patent Number:	64	18719				
		81480				
Patent Number:	72	58092				
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Fax Number: Correspondence w using a fax number Phone: Email: Correspondent Nar Address Line 1: Address Line 2:	r ill be sent to th r, if provided; i (21 db me: DA 12 57 CL	<i>f that is unsuccessful, it will</i> 16) 696-8730 edell@atwiplaw.com ANIEL BEDELL 7 PUBLIC SQUARE TH FLOOR, KEY TOWER .EVELAND, OHIO 44114				

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ASSIGNMENT OF PATENT RIGHTS

THIS ASSIGNMENT OF PATENT RIGHTS (the "Assignment") is executed, acknowledged and delivered by International Engine Intellectual Property Company, an Illinois company, with its principal place of business at 2701 Navistar Drive, Lisle, IL 60532 ("Assignor"), in accordance with, and pursuant to the terms and conditions of the Patent Purchase Agreement having an Effective Date of March 10, 2015 (the "Agreement") between Assignor, as Seller and InvenSense Inc., a Delaware corporation, with its principal place of business at 1745 Technology Drive, Suite 200, San Jose, CA 95110 ("Assignee"). Capitalized terms used herein and not expressly defined shall have the meaning ascribed to such terms in the Agreement.

"Patents" is defined in Section 1.12 of the Patent Purchase Agreement as the patents set forth in Exhibit A and all foreign equivalents of those patents.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor agrees to and does hereby irrevocably sell, assign, transfer and convey unto said Assignee, and Assignee hereby accepts, all of Assignor's right, title, and interest (i) in and to the Patents, the same to be held and enjoyed by said Assignee for its own use, and for the use of its successors, assigns, or other legal representatives to the end of the term or terms for which said Patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made; (ii) in and to causes of action and enforcement rights for the Patents including all rights to pursue past, present and future damages, injunctive relief and other remedies for past, present and future infringement of the Patents; and (iii) to apply in any and all countries for the world for patents; certificates of invention or other governmental grants for the Patents. Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Patents in the name of Assignee, as the assignee to the entire interest therein. Notwithstanding the foregoing, Assignee grants to Assignor the License Back as defined in Section 3.1 of the Patent Purchase Agreement.

Notwithstanding anything to the contrary herein, Assignor is executing and delivering this Assignment in accordance with and subject to all of the terms and provisions of the Patent Purchase Agreement. In the event of any conflict between the terms of this Assignment and those of the Patent Purchase Agreement, the terms of the Patent Purchase Agreement shall be controlling.

This Assignment shall be binding upon and shall inure to the benefit of the Parties and their respective successors and assigns.

This Assignment shall be governed by, and construed in accordance with, the laws of the United States in respect to patent issues and in all other respects by the laws of the State of Illinois, without giving effect to the conflict of laws rules thereof.

PATENT REEL: 035359 FRAME: 0146 IN WITNESS WHEREOF, intending to be legally bound, the Parties have duly executed this Agreement as of the Effective Date.

INTERNATIONAL ENGINE	INVENSENSE, INC., ASSIGNEE:
INTELLECTUAL PROPERTY COMPANY,	
ASSIGNOR	
By: ACTING	Ву:
Name: Mark C. Bach	Name: Adam Tachner
Title: Vice President	Title: VP & General Counsel, Secty.
Date: <u>ろいり、ひろり</u>	Date:

NOTARIZATION MUST BE ON THIS PAGE Subscribed and sworn to before me this _____ day of _____, 20____.

(Notarial Seal) Notary Public Signature:

IN WITNESS WHEREOF, intending to be legally bound, the Parties have duly executed this Agreement as of the Effective Date.

INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, ASSIGNOR: **INVENSENSE, INC., ASSIGNEE:**

By:

Name: Adam Tachner Title: VP & General Counsel, Secty. Date: $6 \frac{4912015}{5}$

Name: Mark C. Bach

Title: Vice President

By:

Date: _____

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NOTARIZATION MUST BE ON THIS PAGE Subscribed and sworn to before me this 6 day of April , 2015

(Notarial Seal) Notary Public Signature: Ona M. Ullanueva

	ANA M. VILLANUEVA
	Commission # 2089529
	Notary Public - California
	San Mateo County
A	Ay Comm. Expires Dec 7, 2018

ACKNOWLEDGMENT
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
State of California County of <u>Santa Clava</u>)
On <u>April 6, 2015</u> before me, <u>Ana M. Villanueva</u> , Notary Public (insert name and title of the officer)
personally appeared <u>Adam H. Tachner</u> , who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/ are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.
Signature and M. Ullanueva (Seal)

Exhibit A Assigned Patents

Jurisdiction	Patent Number	Grant Date	Application Number	Filing Date	Title
United States	US5,485,820	23-Jan- 1996	08/300,292	2-Sep- 1994	INJECTION CONTROL PRESSURE STRATEGY
United States	US6,378,487	30-Apr- 2002	09/653,469	1-Sep- 2000	METHOD AND APPARATUS FOR PRE- PILOT FUEL INJECTION IN DIESEL INTERNAL COMBUSTION ENGINES
United States	US6,401,700	11-Jun- 2002	09/733,432	8-Dec- 2000	CLOSED LOOP DIESEL ENGINE EGR CONTROL INCLUDING EVENT MONITORING
United States	US6,418,719	16-Jul- 2002	09/766,384	19-Jan- 2001	CONTROL OF A VARIABLE GEOMETRY TURBOCHARGER BY SENSING EXHAUST PRESSURE
United States	US6,981,480	3-Jan-2006	10/675,464	30-Sep- 2003	REDUCING PRE-CYCLE WARM-UP FOR ELECTRONIC COMPONENTS
United States	US7,258,092	21-Aug- 2007	11/312,304	20-Dec- 2005	APPARATUS AND METHOD FOR PRE-CYCLE WARM-UP VIA WIRELESS COMMUNICATION
Europe	EP1235978	19-Jul- 2006	00983983.8	8-Dec- 2000	CLOSED LOOP DIESEL ENGINE EGR CONTROL INCLUDING EVENT MONITORING
Europe	EP1250523	16-Nov- 2005	01906615.8	20-Jan- 2001	CONTROL OF A VARIABLE GEOMETRY TURBOCHARGER BY SENSING EXHAUST PRESSURE
Germany	DE60029474	31-Aug- 2006	DE60029474A	8-Dec- 2000	REGELUNG DER ABGASRÜCKFÜHRUNG UND EREIGNISÜBERWACHUNG IN EINER SELBSTGEZÜNDETEN BRENKRAFTMASCHINE
Germany	DE60114987	22-Dec- 2005	DE60114987A	20-Jan- 2001	REGELUNG EINES ABGASTURBOLADERS MIT VARIABLER TURBINENGEOMETRIE DURCH MESSUNG DES ABGASDRUCKS
Japan	JP5142436	13-Feb- 2013	JP2001543899A	8-Dec- 2000	CLOSED LOOP DIESEL ENGINE EGR CONTROL

Jurisdiction	Patent Number	Grant Date	Application Number	Filing Date	Title
					INCLUDING EVENT MONITORING
Japan	JP4603752	22-Dec- 2010	JP2001555682A	20-Jan- 2001	CONTROL OF A VARIABLE GEOMETRY TURBOCHARGER BY SENSING EXHAUST PRESSURE
Canada	CA2393714	9-Jan-2007	PCT/US2000/033142	8-Dec- 2000	CLOSED LOOP DIESEL ENGINE EGR CONTROL INCLUDING EVENT MONITORING
Canada	CA2397972	28-Nov- 2006	PCT/US2001/002016	20-Jan- 2001	CONTROL OF A VARIABLE GEOMETRY TURBOCHARGER BY SENSING EXHAUST PRESSURE
Brazil	BR0016283	22-Jan- 2013	US0033142	12-Aug- 2000	CONTROLE DE EGR DE MOTOR DIESEL DE CICLO FECHADO INCLUINDO MONITORAÇÃO DE EVENTO