PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
INVENSENSE, INC.	09/04/2019

RECEIVING PARTY DATA

Name:	TDK CORPORATION	
Street Address:	2-5-1 NIHONBASHI	
Internal Address:	CHUO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	103-6128	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16420143
Application Number:	62769530

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: NATHAN KOENIG

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ATTORNEY DOCKET NUMBER:	IVS-868/225.271	
NAME OF SUBMITTER:	NATHAN KOENIG	
SIGNATURE:	/nathan p. koenig/	
DATE SIGNED:	09/06/2019	

Total Attachments: 2

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PATENT 505658430 REEL: 050291 FRAME: 0535

ASSIGNMENT

WHEREAS, InvenSense, Inc. (hereinafter "ASSIGNOR"), a Delaware corporation, having a place of business at 1745 Technology Drive, San Jose, California 95110, U.S.A., owns the entire right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those representing one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to METHOD AND SYSTEM FOR POSITIONING USING RADAR AND MOTION SENSORS, (collectively the "INVENTIONS"); and

WHEREAS, TDK CORPORATION (hereinafter "ASSIGNEE"), having a place of business at 2-5-1 Nihonbashi, Chuo-ku, Tokyo, 103-6128 Japan, desires to acquire or otherwise obtain the entire right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby acknowledge that ASSIGNOR has sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in the United States, including but not limited to U.S. Application No(s). 16/420,143, filed May 22, 2019, Reference No. IVS-868/225.271, and all provisional applications relating thereto, together with U.S. Provisional Application No(s). 62/769,530, filed November 19, 2018, Reference No. IVS-868-PR/225.258, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND ASSIGNOR further does acknowledge and agree that ASSIGNOR has sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have

PATENT REEL: 050291 FRAME: 0536 granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

AND ASSIGNOR DOES HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which ASSIGNOR may be entitled, or that ASSIGNOR may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND ASSIGNOR HEREBY covenants and agrees that ASSIGNOR will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND ASSIGNOR HEREBY covenants that ASSIGNOR will not execute any writing or do any act whatsoever conflicting with these presents.

Done at $\frac{San Jose, CA, USA}{LOCATION}$, on $\frac{Sept. 4, Zd/9}{DATE}$

Dennis Chi Sr Director - Legal

PATENT REEL: 050291 FRAME: 0537

RECORDED: 09/06/2019