PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6143321

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK JENNINGS	04/08/2020
ROMAIN FAYOLLE	04/15/2020
AMAURY ROBLES	04/09/2020
PIERRE PEIFFER	04/09/2020

RECEIVING PARTY DATA

Name:	INVENSENSE, INC.
Street Address:	1745 TECHNOLOGY DRIVE #200
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95110

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16814917

CORRESPONDENCE DATA

Fax Number: (831)722-2350

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.

Phone: 408-377-0500

Email: patents@wagnerblecher.com

Correspondent Name: INVENSENSE C/O WAGNER BLECHER LLP

Address Line 1: 123 WESTRIDGE DRIVE

Address Line 4: WATSONVILLE, CALIFORNIA 95076

ATTORNEY DOCKET NUMBER:	IVS-926
NAME OF SUBMITTER:	EMILIE BENSCHOTER
SIGNATURE:	/Emilie Benschoter/
DATE SIGNED:	06/08/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 052870 FRAME: 0141

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> PATENT REEL: 052870 FRAME: 0142

COMBINED DECLARATION AND ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR **DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

Submitted for dual purpose of recording an assignment.

A copy of this assignment will be submitted separately to the Recording Branch.

Attorney Docket No.

Title of Invention	OPERATING A FINGERPRINT SENSOR COMPRISED OF	IVS-926
	ULTRASONIC TRANSDUCERS AND A PRESENCE SENSOR	Client Reference No.
		IVS-926
As the belo	w named inventor, I hereby declare that:	
This declar is directed	I ne attached application of	14.917
	filed on 03/10/2020	
The above-	dentified application was made or authorized to be made by me.	
I believe tha	at I am the original inventor or an original joint inventor of a claimed invention in the a	pplication.
	knowledge that any willful false statement made in this declaration is punishable under aprisonment of not more than five (5) years, or both.	er 18 U.S.C. 1001
	te that I have reviewed and understand the contents of the above-identified specificary any amendment referred to above; and	tion, including the claims, as
•	mowledge the duty to disclose information that is material to patentability as defined , Section 1.56.	in Title 37, Code of Federal
	ASSIGNMENT OF RIGHTS IN PATENT APPLICATION	
Assignee(s	InvenSense, Inc.	

I, the undersigned hereby sell, assign, and transfer to the above-identified Assignee(s), in furtherance of my obligations to the Assignee(s) and its subsidiaries and affiliates, and do hereby assign and transfer unto said Assignee(s), its successors and assigns, the entire right, title and interest, including the right of priority, in the invention, to and under an application for Letters Patent of the United States, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, Utility Application (or Utility Applications) corresponding to a provisional application and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent. I additionally authorize the Assignee(s) to file applications in my name for Letters Patent in any country, to be held and enjoyed by the Assignee(s), its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, and transfer not been made; AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to the Assignee(s), its successors, assigns, nominees or legal representatives, and I agree to communicate to the Assignee(s), or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid the Assignee(s), its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by the Assignee(s); AND I hereby authorize and request the Commissioner of Patents and Trademarks 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 as aforesaid, to issue to the Assignee(s), as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment. This Assignment may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. Upon being duly cautioned, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that false statements and the like so made are punishable by fine, imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the patent application and any patent issuing therefrom.

Inventor: Mark JENNINGS Date: Apr 8, 2020 Mark Jennings Signature: Next Jennings Date: Da	LEGAL NAME OF INVENTOR AND ASSIGNOR:	
Mark Jennings Signature: New Jennings	Inventor: Mark JENNINGS	Apr 8, 2020
System Co.	Mark Jennings Signature:	

Note: An application data sheet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accept this form. Use an additional form for each additional inventor.

REEL: 052870 FRAME: 0143

COMBINED DECLARATION AND ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR **DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

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Attorney Docket No.

Invention	OPERATING A FINGERPRINT SENSOR COMPRISED OF	IVS-926		
331A P.1161P.121	ULTRASONIC TRANSDUCERS AND A PRESENCE SENSOR	Client Reference No. IVS-926		
As the belo	w named inventor, I hereby declare that:			
This declar is directed to	Ine attached application, or	14,917		
	filed on <u>03/10/2020</u> .			
The above-	dentified application was made or authorized to be made by me.			
I believe tha	it I am the original inventor or an original joint inventor of a claimed invention in the a	pplication.		
	mowledge that any willful false statement made in this declaration is punishable under oprisonment of not more than five (5) years, or both.	er 18 U.S.C. 1001		
	te that I have reviewed and understand the contents of the above-identified specificar any amendment referred to above; and	tion, including the claims, as		
•	nowledge the duty to disclose information that is material to patentability as defined, Section 1.56.	in Title 37, Code of Federal		

ASSIGNMENT OF RIGHTS IN PATENT APPLICATION

/Assignee(s):		*******
	InvenSense, Inc.	
	1745 Technology Drive #200, San Jose, CA 95110 US	
(

I, the undersigned hereby sell, assign, and transfer to the above-identified Assignee(s), in furtherance of my obligations to the Assignee(s) and its subsidiaries and affiliates, and do hereby assign and transfer unto said Assignee(s), its successors and assigns, the entire right, title and interest, including the right of priority, in the invention, to and under an application for Letters Patent of the United States, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, Utility Application (or Utility Applications) corresponding to a provisional application and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent. I additionally authorize the Assignee(s) to file applications in my name for Letters Patent in any country, to be held and enjoyed by the Assignee(s), its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, and transfer not been made; AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to the Assignee(s), its successors, assigns, nominees or legal representatives, and I agree to communicate to the Assignee(s), or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid the Assignee(s), its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by the Assignee(s); AND I hereby authorize and request the Commissioner of Patents and Trademarks 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 as aforesaid, to issue to the Assignee(s), as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment. This Assignment may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. Upon being duly cautioned, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that false statements and the like so made are punishable by fine, imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the patent application and any patent issuing therefrom.

LEGAL NAME OF INVENTOR AND ASSIGNOR:	
Inventor: Romain FAYOLLE	Apr 15, 2020
Signature: / Birrosin Favolis (Assr. 18, 2629)	

Note: An application data sheet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accommon this form. Use an additional form for each additional inventor. REEL: 052870 FRAME: 0144

COMBINED DECLARATION AND ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

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OPERATING A FINGERPRINT SENSOR COMPRISED OF ULTRASONIC TRANSDUCERS AND A PRESENCE SENSOR

Attorney Docket No.
IVS-926
Client Reference No.

IVS-926

As the below named inventor, I hereby declare that:

This declaration is directed to:

The attached application, or

United States application or PCT international application number 16/814,917

filed on 03/10/2020

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above; and

I hereby acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

ASSIGNMENT OF RIGHTS IN PATENT APPLICATION

Assignee(s):

InvenSense, Inc.

1745 Technology Drive #200, San Jose, CA 95110 US

I, the undersigned hereby sell, assign, and transfer to the above-identified Assignee(s), in furtherance of my obligations to the Assignee(s) and its subsidiaries and affiliates, and do hereby assign and transfer unto said Assignee(s), its successors and assigns, the entire right, title and interest, including the right of priority, in the invention, to and under an application for Letters Patent of the United States, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, Utility Application (or Utility Applications) corresponding to a provisional application and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent. I additionally authorize the Assignee(s) to file applications in my name for Letters Patent in any country, to be held and enjoyed by the Assignee(s), its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, and transfer not been made; AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to the Assignee(s), its successors, assigns, nominees or legal representatives, and I agree to communicate to the Assignee(s), or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid the Assignee(s), its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by the Assignee(s); AND I hereby authorize and request the Commissioner of Patents and Trademarks 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 as aforesaid, to issue to the Assignee(s), as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment. This Assignment may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. Upon being duly cautioned, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that false statements and the like so made are punishable by fine, imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the patent application and any patent issuing therefrom.

LEGAL NAME OF INVENTOR AND ASSIGNOR:	
Inventor: Amaury ROBLES	Apr 9, 2020
Signature: Areaury Robies (Apr 6, 2008)	

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Use an additional form for each additional inventor.

REFL: 052870 FRAME: 0145

COMBINED DECLARATION AND ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR **DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

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OPERATING A FINGERPRINT SENSOR COMPRISED OF ULTRASONIC TRANSDUCERS AND A PRESENCE SENSOR

Attorney Docket No. IVS-926 Client Reference No. IVS-926

As the below named inventor, I hereby declare that: This declaration The attached application, or is directed to: United States application or PCT international application number 16/814,917

The above-identified application was made or authorized to be made by me.

filed on 03/10/2020

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ASSIGNMENT OF RIGHTS IN PATENT APPLICATION

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Assignee(s):	InvenSense, Inc. 1745 Technology Drive #200, San Jose, CA 95110 US	****

I, the undersigned hereby sell, assign, and transfer to the above-identified Assignee(s), in furtherance of my obligations to the Assignee(s) and its subsidiaries and affiliates, and do hereby assign and transfer unto said Assignee(s), its successors and assigns, the entire right, title and interest, including the right of priority, in the invention, to and under an application for Letters Patent of the United States, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, Utility Application (or Utility Applications) corresponding to a provisional application and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent. I additionally authorize the Assignee(s) to file applications in my name for Letters Patent in any country, to be held and enjoyed by the Assignee(s), its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, and transfer not been made; AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to the Assignee(s), its successors, assigns, nominees or legal representatives, and I agree to communicate to the Assignee(s), or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid the Assignee(s), its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by the Assignee(s); AND I hereby authorize and request the Commissioner of Patents and Trademarks 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 as aforesaid, to issue to the Assignee(s), as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment. This Assignment may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. Upon being duly cautioned, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that false statements and the like so made are punishable by fine, imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the patent application and any patent issuing therefrom.

LEGAL NAME OF INVENTOR AND ASSIGNOR:									
Inventor: Pieme PEIFFER	Apr 9, 2020								
Signature: / Collection /									

Note: An application data sheet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional form for each additional inventor. REEL: 052870 FRAME: 0146

RECORDED: 06/08/2020