

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VITESCO TECHNOLOGIES GMBH	06/07/2022
RECEIVING PARTY DATA	
Name:	EMISENSE TECHNOLOGIES LLC
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State/Country:	CALIFORNIA
Postal Code:	92694
PROPERTY NUMBERS Total: 11	
Property Type	Number
Application Number:	13147581
Application Number:	15525692
Application Number:	16073956
Application Number:	15923428
Application Number:	16062798
Application Number:	16063162
Application Number:	16337964
Application Number:	16464777
Application Number:	16487779
Application Number:	16483411
Application Number:	16809989
CORRESPONDENCE DATA	
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SIGNATURE:	/Jeffrey Holman/
DATE SIGNED:	06/28/2022
Total Attachments: 2 source=Assignment_3567_VT_US Patents SIGNED#page1.tif source=Assignment_3567_VT_US Patents SIGNED#page2.tif	

ASSIGNMENT

WHEREAS, Vitesco Technologies GmbH, a corporation of Germany, having a place of business at Siemensstraße 12, 93055 Regensburg, Germany (hereinafter called Vitesco Technologies GmbH) has certain rights, title, and interest in the invention(s) described and claimed in:

- (1) US Patent Application No. 13/147,581, filed on October 17, 2018, entitled: **Method And Device For Measuring The Soot Load In The Exhaust Gas Systems Of Diesel Engines** (Vitesco Technologies GmbH Docket No. 3567.2.41)
- (2) US Patent Application No. 15/525,692, filed on May 10, 2017, entitled: **SOOT SENSOR** (Vitesco Technologies GmbH Docket No. 3567.2.42)
- (3) US Patent Application No. 16/073,956, filed on July 30, 2018, entitled: **SENSOR FOR A MOTOR VEHICLE** (Vitesco Technologies GmbH Docket No. 3567.2.43)
- (4) US Patent Application No. 15/923,428, filed on March 16, 2018, entitled: **SENSOR AND METHOD FOR PRODUCING A SENSOR** (Vitesco Technologies GmbH Docket No. 3567.2.44)
- (5) US Patent Application No. 16/062,798, filed on June 15, 2018, entitled: **ELECTROSTATIC SOOT SENSOR** (Vitesco Technologies GmbH Docket No. 3567.2.46)
- (6) US Patent Application No. 16/063,162, filed on June 15, 2018, entitled: **METHOD FOR OPERATING AN ELECTROSTATIC SOOT SENSOR** (Vitesco Technologies GmbH Docket No. 3567.2.47)
- (7) US Patent Application No. 16/337,964, filed on March 29, 2019, entitled: **METHOD FOR CHECKING THE FUNCTION OF AN ELECTROSTATIC PARTICLE SENSOR** (Vitesco Technologies GmbH Docket No. 3567.2.51)
- (8) US Patent Application No. 16/464,777, filed on May 29, 2019, entitled: **SENSOR FOR USE IN AN EXHAUST GAS STREAM OF AN INTERNAL COMBUSTION ENGINE** (Vitesco Technologies GmbH Docket No. 3567.2.52)
- (9) US Patent Application No. 16/487,779, filed on August 21, 2019, entitled: **METHODS FOR OPERATING AN ELECTROSTATIC PARTICLE SENSOR** (Vitesco Technologies GmbH Docket No. 3567.2.53)
- (10) US Patent Application No. 16/483,411, filed on August 3, 2019, entitled: **SENSOR AND PRODUCTION METHOD THEREFOR FOR USE IN AN EXHAUST GAS STREAM OF AN INTERNAL COMBUSTION ENGINE** (Vitesco Technologies GmbH Docket No. 3567.2.54)
- (11) US Patent Application No. 16/809,989, filed on March 5, 2020, entitled: **PARTICLE SENSOR FOR AN INTERNAL COMBUSTION ENGINE** (Vitesco Technologies GmbH Docket No. 3567.2.56)

Whereas, EmiSense Technologies LLC, a corporation of California, having a place of business at 999 Corporate Dr., #100, Ladera Ranch, California, 92694 (hereinafter called EmiSense), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefor, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to EmiSense, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of the United States application, and to any and all improvements which are disclosed in the application; and we request the Commission of Patents to issue any Letters Patent granted upon the invention set forth in the application to EmiSense, its successors and assigns; and we hereby agree that EmiSense may apply for foreign Letter Patent on invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by EmiSense.

SIGNED AND SEALED:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	<u>Munich</u>	<u>Jun 7, 2022</u>	<u><i>Alexander Waldmann</i></u> <small>Alexander Waldmann (Jun 7, 2022 17:46 GMT+2)</small> Name: Alexander Waldmann Title: Head of Intellectual Property Company: Vitesco Technologies GmbH
(2)	<u>Schwalbach</u>	<u>Jun 7, 2022</u>	<u><i>Torsten Barz</i></u> <small>Torsten Barz (Jun 7, 2022 18:05 GMT+2)</small> Name: Torsten Barz Title: General IP Counsel S&A Company: Vitesco Technologies GmbH