

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5847532

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	BIPLAB PAL	12/03/2019
	AMIT PUROHIT	11/25/2019
RECEIVING PARTY DATA		
Name:	MACHINESENSE, LLC	
Street Address:	221 E. THOMAS AVE.	
City:	BALTIMORE	
State/Country:	MARYLAND	
Postal Code:	21225	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16253925
CORRESPONDENCE DATA		
Fax Number:	(302)656-8920	
<i>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.</i>		
Phone:	302-622-4226	
Email:	dmcgregor@foxrothschild.com	
Correspondent Name:	DEANNA M. MCGREGOR	
Address Line 1:	2000 MARKET STREET, 20TH FLOOR	
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103	
ATTORNEY DOCKET NUMBER:	162040.00501	
NAME OF SUBMITTER:	DEANNA M. MCGREGOR	
SIGNATURE:	/-d-/	
DATE SIGNED:	12/03/2019	
Total Attachments: 4		
source=Executed Assignments - 162040.00501#page1.tif		
source=Executed Assignments - 162040.00501#page2.tif		
source=Executed Assignments - 162040.00501#page3.tif		
source=Executed Assignments - 162040.00501#page4.tif		

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR:

Biplab Pal of 4500 Stonecrest Drive, Ellicott City, MD 21043

hereby sells, assigns and transfers to:

ASSIGNEE:

MachineSense, LLC, a limited liability company incorporated under the laws of the State of Maryland and having an office at 221 E. Thomas Avenue, Baltimore, MD 21225.

and the successors, assigns and legal representatives of the ASSIGNEE, entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, in and to the design invention entitled:

METHOD AND APPARATUS FOR PNEUMATICALLY CONVEYING PARTICULATE MATERIAL INCLUDING A USER-VISIBLE IOT-BASED CLASSIFICATION AND PREDICTIVE MAINTENANCE SYSTEM NOTING MAINTENANCE STATE AS BEING ACCEPTABLE, CAUTIONARY, OR DANGEROUS

invented by Biplab Pal and Amit Purohit and which is found in U.S. patent application no.: **16/253,925** filed **22 January 2019** and in and to all Non-Provisional and International Applications claiming priority therefrom, and all Letters Patent, both foreign and domestic, to be obtained for said invention by the aforesaid Non-Provisional and International Applications claiming priority therefrom, and all continuation, division, renewal, continuation-in-part or substitute of said Non-Provisional Applications, and as to Letters Patent and any reissue or re-examination thereof, and to any legal equivalent thereof in a foreign country, including, the right to apply for patents and inventor certificates in respect thereof, the right to claim priority, and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of the invention.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

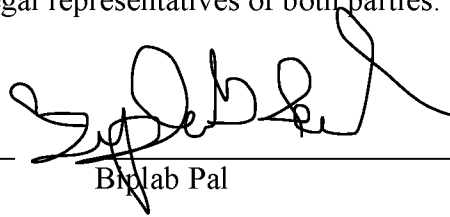
ASSIGNOR further covenants and agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR, and that ASSIGNOR will, at ASSIGNEE'S expense, testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE, its assigns or its legal representatives, without further or additional consideration, any and all papers, instruments or

affidavits required, render all necessary assistance, and do such additional acts as ASSIGNEE may deem necessary or desirable, to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and benefit, and for the use and benefit of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

The parties agree that the foregoing covenants and obligations shall bind and inure to the benefit of the heirs, assigns and legal representatives of both parties.

Witness



Bipal Pal

12/13/2019

Date

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR:

Amit Purohit of 67A/34 Vrindavan Society Thane West, Thane West, India, 400601

hereby sells, assigns and transfers to:

ASSIGNEE:

MachineSense, LLC, a limited liability company incorporated under the laws of the State of Maryland and having an office at 221 E. Thomas Avenue, Baltimore, MD 21225.

and the successors, assigns and legal representatives of the ASSIGNEE, entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, in and to the design invention entitled:

METHOD AND APPARATUS FOR PNEUMATICALLY CONVEYING PARTICULATE MATERIAL INCLUDING A USER-VISIBLE IOT-BASED CLASSIFICATION AND PREDICTIVE MAINTENANCE SYSTEM NOTING MAINTENANCE STATE AS BEING ACCEPTABLE, CAUTIONARY, OR DANGEROUS

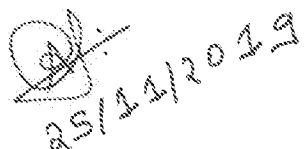
invented by Biplab Pal and Amit Purohit and which is found in U.S. patent application no.: 16/253,925 filed 22 January 2019 and in and to all Non-Provisional and International Applications claiming priority therefrom, and all Letters Patent, both foreign and domestic, to be obtained for said invention by the aforesaid Non-Provisional and International Applications claiming priority therefrom, and all continuation, division, renewal, continuation-in-part or substitute of said Non-Provisional Applications, and as to Letters Patent and any reissue or re-examination thereof, and to any legal equivalent thereof in a foreign country, including, the right to apply for patents and inventor certificates in respect thereof, the right to claim priority, and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of the invention.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants and agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR, and that ASSIGNOR will, at ASSIGNEE'S expense, testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE, its assigns or its legal representatives, without further or additional consideration, any and all papers, instruments or

Active:105434869.v1-11/22/19


162040 00501/PTC

A handwritten signature is written over a date stamp that reads "25/11/2019".

affidavits required, render all necessary assistance, and do such additional acts as ASSIGNEE may deem necessary or desirable, to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and benefit, and for the use and benefit of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

The parties agree that the foregoing covenants and obligations shall bind and inure to the benefit of the heirs, assigns and legal representatives of both parties.

_____		<u>25/11/2019</u>
Witness	AMIT PUROHIT	Date