502675529 02/11/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2722136

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the INCORRECT ASSIGNEE NAME CENTRE NATIONAL DE LA RECHERCHE previously recorded on Reel 031950 Frame 0050. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
ALAIN GAUDON	12/04/2013
CHANG HYUN SHIM	12/05/2013
PHILIPPE MENINI	12/05/2013
FRANCOIS LOUBET	12/05/2013

RECEIVING PARTY DATA

Name:	ALPHA MOS S.A.	
Street Address:	20 AVENUE DIDIER DAURAT	
City:	TOULOUSE	
State/Country:	FRANCE	
Postal Code:	31400	

Name:	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	
Street Address:	3 RUE MICHEL ANGE	
City:	PARIS	
State/Country:	FRANCE	
Postal Code:	75016	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14124342

CORRESPONDENCE DATA

Fax Number:

Phone: 801-533-9800
Email: amiller@wnlaw.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

PATENT

502675529 REEL: 032241 FRAME: 0357

Correspondent Name: WORKMAN NYDEGGER Address Line 1: 60 E. SOUTH TEMPLE Address Line 4: SALT LAKE CITY, UTAH 84111	
ATTORNEY DOCKET NUMBER:	19821.21
NAME OF SUBMITTER:	JUSTIN J. CASSELL
Signature:	/Justin J. Cassell/
Date:	02/11/2014
Total Attachments: 9 source=19821-21_Corrective_Assignment#page1.tif source=19821-21_Corrective_Assignment#page2.tif source=19821-21_Corrective_Assignment#page3.tif source=19821-21_Corrective_Assignment#page4.tif source=19821-21_Corrective_Assignment#page5.tif source=19821-21_Corrective_Assignment#page6.tif source=19821-21_Corrective_Assignment#page7.tif source=19821-21_Corrective_Assignment#page8.tif source=19821-21_Corrective_Assignment#page8.tif source=19821-21_Corrective_Assignment#page9.tif	

PATENT REEL: 032241 FRAME: 0358

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALAIN GAUDON	12/04/2013Ä
CHANG HYUN SHIM	12/05/2013Ä
PHILIPPE MENINI	12/05/2013Ä
FRANCOIS LOUBET	12/05/2013Ä

RECEIVING PARTY DATA

Name:	ALPHA MOS S.A.Ä	
Street Address:	20 AVENUE DIDIER DAURATÄ	
City:	TOULOUSE	
State/Country:	FRANCE	
Postal Code:	31400Ä	

Name:	CENTRE NATIONAL DE LA RECHERCHEÄ	
Street Address:	3 RUE MICHEL ANGEÄ	
City:	PARIS	
State/Country:	FRANCE	
Postal Code:	75016Ä	

PROPERTY NUMBERSÄTotal:Ä1

Property Type	Number
Application Number:Ä	14124342

CORRESPONDENCE DATA

Fax Number:

Phone:

801-533-9800

Email:

amiller@wnlaw.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name:

WORKMAN NYDEGGER

Address Line 1:

60 E. SOUTH TEMPLE

Address Line 2:

SUITE 1000

Address Line 4:

SALT LAKE CITY, ÄUTAHÄÄ84111

ATTORNEY DOCKET NUMBER:	19821.21
NAME OF SUBMITTER:	JUSTIN J. CASSELL
Signature:	/Justin J. Cassell/
Date:	01/13/2014

Total Attachments: 3

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RECEIPT INFORMATION

EPAS ID:

PAT2678375

Receipt Date:

01/13/2014Ä

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2707386

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT		
NATURE OF CONVEYANCE:	Corrective Assignment to correct the INCORRECT ASSIGNEE NAME CENTRE NATIONAL DE LA RECHERCHE previously recorded on Reel 031950 Frame 0050. Assignor(s) hereby confirms the ASSIGNMENT.		

CONVEYING PARTY DATA

Name	Execution Date
ALAIN GAUDON	12/04/2013
CHANG HYUN SHIM	12/05/2013
PHILIPPE MENINI	12/05/2013
FRANCOIS LOUBET	12/05/2013

RECEIVING PARTY DATA

Name:	ALPHA MOS S.A.
Street Address:	20 AVENUE DIDIER DAURAT
City:	TOULOUSE
State/Country:	FRANCE
Postal Code:	31400

Name:	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
Street Address:	3 RUE MICHEL ANGE
City:	PARIS
State/Country:	FRANCE
Postal Code:	75016

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14124342

CORRESPONDENCE DATA

Fax Number:

Phone:

801-533-9800

Email:

amiller@wnlaw.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

PATENT REEL: 032241 FRAME: 0361

ASSIGNMENT

Title o	of Invention: Chemoresistor Type Gas Sensor having a Multi-Storey Architecture				
This a	ssignment is directed to:				
	The application for United States Letters Patent executed on even date herewith				
Comment of the Commen	United States patent number granted on ;				
	United States application or Patent Cooperative Treaty international application number: PCT/EP2012/060922 filed on June 8, 2012				
the or	REAS, I (we), the below named inventor, hereinafter referred to as ASSIGNOR, is an owner of certain new and useful improvements in the above identified ation (hereinafter referred to as the INVENTION).				
WHER	REAS, ALPHA MOS S.A. and CENTRE NATIONAL DE LA RECHERCHE FIFIQUE				
	post office address is/are 20 avenue Didier Daurat, 31400 Toulouse, France and 3 rue Ange, 75016 Paris, France				
	after referred to as ASSIGNEE, is desirous of acquiring the entire right, title and in and to the INVENTION in the United States;				
acknow Assign through	THEREFORE, for good and valuable consideration, receipt of which is hereby vledged, I, ASSIGNOR, by these presents do sell, assign and transfer unto said IEE, the entire right, title, and interest in and to said INVENTION and application nout the United States of America, including any and all Letters Patent granted on ission, continuation, continuation-in-part and reissue of said application.				

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed

Docket No.: 19821.21

Assignment pre-AIA rev. 10JUN13

within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof 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.

ASSIGNOR authorizes any individual authorized to act on behalf of Customer Number 22913 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Name: Alain GAUDON Address: Galembrun F-31330 Launac France			
France			
Signature: Date: O	4/12/2013		

LEGAL NAM	ME OF INVENTOR/ASSIGNO)R			
Name:	Chang Hyun SHIM	Address:	82 rue des Trente Six Ponts Iress: F-31400 Toulouse France		
Where Signed:	Toulouse	Address:			
Signature:	t	mercen-B _a te volume til en engen på en		Date:	5/12/2013

See following page(s) for additional joint inventor(s)/assignor(s).

Docket No.: 19821.21 Assignment pre-AIA rev. 10JUN13

LEGAL NAM	ME OF INVENTOR/ASSIGN	OR			
Name:	Philippe MENINI	Address	12 impasse Vir F-31600 Eaune	impasse Vincent Van Gogh	
Where Signed:	TOULOUSE	Address:	France France	s	
Signature:	Mary		Date:	05/12/2013	
LEGAL NAM	ME OF INVENTOR/ASSIGN	OR			

LEGAL NAME OF INVENTOR/ASSIGNOR						
Name:	Francois LOUBET			nemin du Tournal		
Where Signed:	TOULOUSE	Address:	F-31290 Avignonet Lauragais France			
Signature:			Date:	05/12/2013		

See following page(s) for additional joint inventor(s)/assignor(s).

Docket No.: 19821.21

Assignment pre-AIA rev. 10JUN13

PATENT REEL: 032241 FRAME: 0364