504044273 10/11/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4090934

SUBMISSION TYPE:		NEW ASSIGNMEN	ΝΤ		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name		Execution Date	
ΤΑΚU ΟΚΑΜΟΤΟ				09/26/2016	
NORIKO HIRATA				09/26/2016	
Υυκινακαγαμα				09/26/2016	
OSAMU NAKASONE				09/26/2016	
RECEIVING PARTY DA	ТА				
Name:	NGK INSULATORS, LTD.				
Street Address:	2-56, SUDA-CHO, MIZUHO-KU,				
City:	NAGOYA-SHI, AICHI				
State/Country:	JAPAN				
Postal Code:	467-853	0			
Property Type		Number			
Property Type		Number			
Property Type Application Number:	-	Number 5290063			
Application Number:					
Application Number:		5290063			
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA (e sent to	5290063 202)293-0445 t he e-mail address firs		successful, it will be sent	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p	ATA (e sent to provided;	5290063 202)293-0445 the e-mail address firs if that is unsuccessfu			
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA (e sent to provided; 2	5290063 202)293-0445 the e-mail address firs if that is unsuccessfu 022930444			
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone:	ATA (e sent to provided r	5290063 202)293-0445 the e-mail address firs if that is unsuccessfu	l, it will be sei	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email:	ATA (e sent to provided, r (5290063 202)293-0445 the e-mail address firs if that is unsuccessfu 022930444 nailpto@giplaw.com	I, it will be sei PRS, LLP DAVI	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name:	ATA (e sent to provided, 2 r (5290063 202)293-0445 the e-mail address firs if that is unsuccessfu 022930444 nailpto@giplaw.com aLOBAL IP COUNSELC	I, it will be sei PRS, LLP DAVI	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone: Email: Correspondent Name: Address Line 1:	ATA (e sent to provided, r (1 2	5290063 202)293-0445 the e-mail address firs if that is unsuccessfu 022930444 nailpto@giplaw.com GLOBAL IP COUNSELC 233 20TH STREET, NV	I, it will be sei PRS, LLP DAVI V	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA (e sent to provided r (1 2	5290063 5290063 the e-mail address firs if that is unsuccessfu 022930444 hailpto@giplaw.com GLOBAL IP COUNSELC 233 20TH STREET, NV	I, it will be sei PRS, LLP DAVI V	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NU	ATA (e sent to provided r (1 3	5290063 202)293-0445 the e-mail address firs if that is unsuccessfu 022930444 nailpto@giplaw.com &LOBAL IP COUNSELC 233 20TH STREET, NV &UITE 600 VASHINGTON, D.C. 200	<i>Í, it will be sei</i> PRS, LLP DAVI V 036-2680	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER:	ATA (e sent to provided r (1 3	5290063 202)293-0445 the e-mail address firs if that is unsuccessfu 022930444 nailpto@giplaw.com GLOBAL IP COUNSELC 233 20TH STREET, NV SUITE 600 VASHINGTON, D.C. 200 NG-US165577	<i>Í, it will be sei</i> PRS, LLP DAVI V 036-2680	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if µ Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA (e sent to provided r (1 3	5290063 5290063 202)293-0445 the e-mail address firs if that is unsuccessfu 022930444 nailpto@giplaw.com &LOBAL IP COUNSELC 233 20TH STREET, NV &UITE 600 VASHINGTON, D.C. 200 NG-US165577 JEFFREY J. HOW	<i>Í, it will be sei</i> PRS, LLP DAVI V 036-2680	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUN NAME OF SUBMITTER: SIGNATURE:	ATA (e sent to provided r (1 3	5290063 5290063 the e-mail address firs if that is unsuccessfu 022930444 nailpto@giplaw.com aLOBAL IP COUNSELC 233 20TH STREET, NV UITE 600 VASHINGTON, D.C. 200 NG-US165577 JEFFREY J. HOW /Jeffrey J. Howell/ 10/11/2016	<i>I, it will be sei</i> PRS, LLP DAVI V 036-2680 ELL	nt via US Mail.	

source=NG-US165577_Assignment#page1.tif source=NG-US165577_Assignment#page2.tif

PATENT REEL: 039982 FRAME: 0533

Attorney Docket No.:

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET, AND ASSIGNMENT					
Title of Invention: 発明の名称 :	GAS SENSOR				
As the below named inventor, I hereby declare that: This declaration is directed to: [X] The attached application, or [] United States application or PCT International Application Number 		 私は、以下に記名された発明者として、ここに下記の通り宣言する: 本宣言は以下に対するものである: 系付出願書または 紙付出願書または の日に出願された米国 出願番号または PCT 国際出願番号 の出願書。 上記の特定の出願は私または私の承認によって行われたものである。 私は出願書において特許請求している発明の最初の発明者または最初の共同発明者であると信じている。 私は本宣書における故意の虚偽の記載は米国法典第18 編第1001 条に基づき、罰金または五(5)年以下の整 役、もしくはその両方によって処罰されることがあることを承認する。 			
ASSIGNMENT: In consideration of good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to		譲渡証: 各々の署名人に対して支払われた適切な有価 約因を考慮して、本署名人(ら)は、			
	Name of Assignee: 譲受人の名前: Address of Assignee: 譲受人のアドレス:	NGK INSULATORS, LTD. 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi, 467-8530 JAPAN			
right, title and interest territories, dependence invention, and all appl Letters Patent which n	d as the Assignee) the entire for the United States, its ies and possessions, in the lications for patent and any may be granted therefor for d have executed an application	(以下、譲受人と称する)に対して、譲渡に同意し、本 発明および特許のための全ての出願、署名人がアメリ カ合衆国において特許出願を行い付与された全ての特 許証における、アメリカ合衆国ならびにその領土、属 領、財産のための全ての権利、所有権、および利権を 譲受人に移転および譲渡する。			

٠

.

15P00259US01/138-15062US11

for patent in the United States of America.	
Legal Name of Inventor/Assignor Taku OKAMOTO 発明者/譲渡人の氏名 Inventor/Assignor: <u>Taku Okawoto</u> 発明者/譲渡人:	
Legal Name of Inventor/Assignor Noriko HIRATA 発明者/譲渡人の氏名 Inventor/Assignor: <u>NOriko</u> HiraTa 発明者/譲渡人:	_ Date: <u>September</u> 26, 2016 目付:
Legal Name of Inventor/Assignor Yuki NAKAYAMA 発明者/譲渡人の氏名 Inventor/Assignor: Yuki NAKAYAMA 発明者/譲渡人:	Date:September 26,2016 目付:
Legal Name of Inventor/Assignor Osamu NAKASONE 発明者/譲渡人の氏名 Inventor/Assignor: <u>()Solmy Wakasone</u> 発明者/譲渡人:	_ Date: <u>September 26,2016</u> _ 日付:
Legal Name of Inventor/Assignor 発明者/譲渡人の氏名 Inventor/Assignor: 発明者/譲渡人:	
Legal Name of Inventor/Assignor 発明者/譲渡人の氏名 Inventor/Assignor: 発明者/譲渡人:	

15P00259US01/138-15062US11

.