PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5092712

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KATSUHIRO IMAI	07/27/2018
YOSHITAKA KURAOKA	07/27/2018
MIKIYA ICHIMURA	07/27/2018
TAKAYUKI HIRAO	07/27/2018

RECEIVING PARTY DATA

Name:	NGK INSULATORS, LTD.	
Street Address:	2-56, SUDA-CHO, MIZUHO-KU	
City:	NAGOYA-CITY, AICHI	
State/Country:	JAPAN	
Postal Code:	467-8530	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16059751

CORRESPONDENCE DATA

Fax Number: (269)381-5465

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: (269) 381-1156

Email:docket@flynnthiel.comCorrespondent Name:FLYNN THIEL, P.C.Address Line 1:2026 RAMBLING ROAD

Address Line 4: KALAMAZOO, MICHIGAN 49008

ATTORNEY DOCKET NUMBER:	4379.P0006US	
NAME OF SUBMITTER:	TERRYENCE F. CHAPMAN	
SIGNATURE:	/Terryence F. Chapman/	
DATE SIGNED:	08/10/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

source=4379.P0006US Combo Dec Assignment#page1.tif

PATENT REEL: 046616 FRAME: 0060 source=4379.P0006US Combo Dec Assignment#page2.tif

PATENT REEL: 046616 FRAME: 0061

Our ref:	15P00239US01/ Your ref:
Attorne	y Docket No.:

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET, AND ASSIGNMENT Title of Invention: FREE-STANDING SUBSTRATE COMPRISING 発明の名称: POLYCRYSTALLINE GROUP 13 ELEMENT NITRIDE AND LIGHT-EMITTING ELEMENT USING SAME As the below named inventor, I hereby declare that: 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: This declaration is directed to: 本宣言は以下に対するものである: [X] The attached application, or [X] 添付出願書または [] United States application or PCT International Application Number の日に出願された米国 filed on 出願番号または PCT 国際出願番号 の出願書。 The above identified application was made or 上記の特定の出願は私または私の承認によって行われ authorized to be made by me. たものである。 I believe that I am the original inventor or an original joint inventor of a claimed invention in the 私は出願書において特許請求している発明の最初の発 application. 明者または最初の共同発明者であると信じている。 I hereby acknowledge that any willful false statement 私は本宣言における故意の虚偽の記載は米国法典第18 made in this declaration is punishable under 18 U.S.C. 編第1001 条に基づき、罰金または五(5)年以下の懲 1001 by fine or imprisonment of not more than five 役、もしくはその両方によって処罰されることがある (5) years, or both. ことを承認する。 ASSIGNMENT: In consideration of the sum of 譲渡証: 各々の署名人に対して支払われた総額1ドル one dollar (\$1.00) and other good and valuable (\$1.00) および他の適切な有価約因を考慮して、本 consideration paid to each of the undersigned, the 署名人(ら)は、 undersigned agree(s) to assign, and hereby does assign, transfer and set over to Name of Assignee: NGK INSULATORS, LTD. 譲受人の名前: 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi-pref. Address of Assignee: 467-8530, JAPAN 譲受人のアドレス: (hereinafter designated as the Assignee) the entire (以下、譲受人と称する)に対して、譲渡に同意し、本 right, title and interest for the United States, its 発明および特許のための全ての出願、署名人がアメリ territories, dependencies and possessions, in the 力合衆国において特許出願を行い付与された全ての特 invention, and all applications for patent and any 許証における、アメリカ合衆国ならびにその領土、属 Letters Patent which may be granted therefor for 領、財産のための全ての権利、所有権、および利権を which the undersigned have executed an application 譲受人に移転および譲渡する。 for patent in the United States of America.

Our ref: 15P00239US01/ Your ref:

Legal Name of Inventor/Assignor <u>Katsuhiro IMAI</u> 発明者/譲渡人の氏名 <u>今井 克宏</u>	
Inventor/Assignor: <u>Hatsuhiro</u> Amoi	Date: July 27, 20/8
発明者/譲渡人:	_ 日付:
Legal Name of Inventor/Assignor Yoshitaka KURAOKA 発明者/譲渡人の氏名 倉岡 義孝	
Inventor/Assignor: Yoshi taka Kurasha	Date: July 27, 20/8
発明者/譲渡人:	日付:
Legal Name of Inventor/Assignor <u>Mikiya ICHIMURA</u> 発明者/譲渡人の氏名 <u>市村 幹也</u>	
Inventor/Assignor: Mikiya Ichimula	Date: July 27, 2018
発明者/譲渡人:	_ 日付:
Legal Name of Inventor/Assignor <u>Takayuki HIRAO</u> 発明者/譲渡人の氏名 平尾 崇行	
Inventor/Assignor: Takayuki Hiras	Date: July 27, 2018
発明者/譲渡人:	_ 日付: