PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MASAHIRO SAKAI	02/20/2020
SHOHEI OUE	02/20/2020
MASASHI GOTO	02/20/2020
TAKASHI YOSHINO	02/20/2020

RECEIVING PARTY DATA

Name:	NGK INSULATORS, LTD.
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State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16826826

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.

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ATTORNEY DOCKET NUMBER:	4379.P0028US	
NAME OF SUBMITTER:	TERRYENCE F. CHAPMAN	
SIGNATURE:	/Terryence Chapman/	
DATE SIGNED:	03/23/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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PATENT REEL: 052197 FRAME: 0974

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PATENT REEL: 052197 FRAME: 0975

Attorney	Docket 1	No.:	

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET, AND ASSIGNMENT Title of Invention: BASE SUBSTRATE, FUNCTIONAL ELEMENT, AND PRODUCTION METHOD 発明の名称: FOR BASE SUBSTRATE As the below named inventor, I hereby declare that: 私は、以下に配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 の日に出願された米国 [] United States application or PCT 出願番号または PCT 国際出願番号 International Application Number _の出願書であり、かつ filed on ____の日に補正された出願(該当す and る場合)。 was amended on (if applicable). 上記の特定の出願は私または私の承認によって行われ The above identified application was made or たものである。 authorized to be made by me. 私は出願費において特許請求している発明の最初の発 I believe that I am the original inventor or an original 明者または最初の共同発明者であると信じている。 ioint inventor of a claimed invention in the application. 私は本宣言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)年以下の懲 I hereby acknowledge that any willful false statement 役、もしくはその両方によって処罰されることがある made in this declaration is punishable under 18 U.S.C. ことを承認する。 1001 by fine or imprisonment of not more than five (5) years, or both. 譲渡証: 各々の署名人に対して支払われた適切な有価 ASSIGNMENT: In consideration of good and valuable consideration paid to each of the 約因を考慮して、本署名人(ら)は、 undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to Name of Assignee: NGK INSULATORS, LTD. 簸受人の名前: 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Address of Assignee: Aichi-prefecture, 467-8530 Japan 譲受人のアドレス: (以下、譲受人と称する)に対して、譲渡に同意し、本 (hereinafter designated as the Assignee) the entire 発明および特許のための全ての出願、署名人がアメリ right, title and interest for the United States, its territories, dependencies and possessions, in the カ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.

Legal Name of Inventor/Assignor; <u>Masahiro SAKAI</u> 発明者/譲渡人の氏名; <u>坂井 正宏</u>	
Inventor/Assignor: Mahino Sakai	Date: February 20, 2020
発明者/譲渡人:	_ 日付:
Legal Name of Inventor/Assignor; <u>Shohei, OUE</u> 発明者/譲渡人の氏名; <u>大上 翔平</u>	
Inventor/Assignor: Shohei Oue	Date: _ February 20, 2020
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Legal Name of Inventor/Assignor; <u>Masashi GOTO</u> 発明者/譲渡人の氏名; <u>後藤 万佐司</u>	
Inventor/Assignor: Masashi Loto	_ Date: <u>February 20, 202</u> 0
発明者/譲渡人:	日付:
Legal Name of Inventor/Assignor; <u>Takashi YOSHINO</u> 発明者/譲渡人の氏名; <u>吉野 隆史</u>	
Inventor/Assignor: Takashi Yoshing	Date: Feb. 20, 2020
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