505288412 01/22/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUKI NAKAYAMA	12/13/2018
NORIKO HIRATA	12/13/2018
TAKU OKAMOTO	12/13/2018
KOSUKE MONNA	12/14/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16253243

CORRESPONDENCE DATA

Fax Number: (703)684-1157

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ATTORNEY DOCKET NUMBER: YYA-11941

NAME OF SUBMITTER: SHRINATH MALUR

SIGNATURE: /Shrinath Malur/

DATE SIGNED: 01/22/2019

Total Attachments: 1

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PATENT REEL: 048076 FRAME: 0637

505288412

ASSIGNMENT

As a below named inventor, I hereby declare that:	
IN CONSIDERATION of the sum of One Dollar (\$1.00) or valuable consideration paid to me by NGK Insulators, Ltd. (hereing organized under the laws of Japan, located at 2-56 Suda-cho Mizuh which is hereby acknowledged, I do hereby sell and assign to said / right, title and interest, in and for the United States of America, in a filed, and entitled:	ifter referred to as ASSIONEE, a corporation to-ku, Nagoya, 467-8530 Japan, receipt of ASSIGNEE, its successors and assigns, all my
gas sensor	
invented by me (if only one inventor is named below) or us (if plure the application for United States Letters Patent therefor, executed of Letters Patent which may be granted therefor, and all non-provision extensions thereof, said interest being the entire ownership of said enjoyed by said ASSIGNEE, its successors, assigns or other legal resuld Letters Patent may be granted, as fully and entirely as the same us if this assignment and sale had not been made;	m even date herewith, and all United States nal applications, divisions, continuations and Letters Patent when granted, to be held and coresentatives, to the full and of term for which
And I hereby agree to sign and execute any further docume lawful, and proper in the prosecution of the above-named application continuing, continuation-in-part, substitute, divisional, renewal, revamendment, extension, interference proceeding, or post-grant processaid assignee;	on or in the preparation and prosecution or any riewed or reissue applications or in any
Whereby, I hereby grant the law firm of MATTINGLY & I assignment any further identification which may be necessary or de United States Patent and Trademark Office for recordation of this caserial number and filing date when known.	estrable in order to comply with the rules of the
And I do hereby authorize and request the Commissioner of ASSIGNEE.	f Patents to issue said Letters Patent to said
Signed on the date(s) indicated aside signature(s):	
INVENTOR(S)	Data Signed
1) Yuki NAKAYAMA	Dec. 13 , 20/8
2) Noriko HIRATA Noriko HIRATA	Dev (3, 2018
3) Taku Okamoto	Dec 13 \ 2018
4) Kosuke Monna Kosuke MONNA	Dec 14, 2018

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PATENT REEL: 048076 FRAME: 0638

RECORDED: 01/22/2019