PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5172601

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUSUKE KAWASHIMA	09/11/2018
HIROYUKI HAZAMA	09/11/2018

RECEIVING PARTY DATA

Name:	NGK SPARK PLUG CO., LTD.
Street Address:	14-18, TAKATSUJI-CHO, MIZUHO-KU
City:	NAGOYA-SHI, AICHI
State/Country:	JAPAN
Postal Code:	467-8525

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16091144

CORRESPONDENCE DATA

Fax Number: (440)684-1095

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: 4406841090

Email: MKUSNER@KUSNERJAFFE.COM,

EMORLAN@KUSNERJAFFE.COM

Correspondent Name: MARK KUSNER / KUSNER & JAFFE

Address Line 1: 6150 PARKLAND BOULEVARD, STE. 105

Address Line 2: PARAGON CENTER II

Address Line 4: MAYFIELD HEIGHTS, OHIO 44124

ATTORNEY DOCKET NUMBER:	NG11874WO(US)
NAME OF SUBMITTER:	MARK KUSNER
SIGNATURE:	/mark kusner/
DATE SIGNED:	10/04/2018

Total Attachments: 1

source=NG11874WOUS-ASSIGNMENT#page1.tif

PATENT REEL: 047064 FRAME: 0285

505125839

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and
address of
assignee

NGK SPARK PLUG CO., LTD. 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of invention

SPARK PLUG AND PRODUCTION METHOD THEREFOR

as set forth in his/her United States Patent Application

check one

.)	executed concurrently herewith	
()	executed on	
'Y'	Serial No. PCT/IP2017/001052 Riled	January 13 2017

in and to said United States Patent Application including any and all divisions or continuations and Convention applications based in whole or in part on said invention or upon said application, including the right to make applications for Letters Patents throughout the world in respect to the invention and to claim priority under the International Convention for the Protection of Industrial Property, and in and to any and all Letters Patent of any country which may issue on any such application or for said invention, including any and all reissues, reexaminations, or extensions, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not be made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he/she has the full and

Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she

unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues, reexaminations, or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of KUSNER & JAFFE the

Each of the undersigned hereby grants the firm of KUSNER & JAFFE the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation

of this Assignment.

names and signatures of inventors	Jusuke Kamaskiner date SEP. 1 1. 2018		Hiron	wki Kanama	date_SEP. 1 1. 201	
	Name:	Yusuke KAWASHIMA	Name:	Hiroyuki HAZA	MA	
inventors		date			date	
	Name:		Name:			

PATENT REEL: 047064 FRAME: 0286

RECORDED: 10/04/2018