505301968 01/29/2019

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| TSUTOMU KOBAYASHI | 01/24/2019 |

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: | 16260909 |

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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| ATTORNEY DOCKET NUMBER: | NG11985US |
|-------------------------|---------------|
| NAME OF SUBMITTER: | MARK KUSNER |
| SIGNATURE: | /mark kusner/ |
| DATE SIGNED: | 01/29/2019 |

Total Attachments: 1

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PATENT REEL: 048168 FRAME: 0765 505301968

U.S. Rights - Sole or Joint

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

| | To a series of the series of t | , ware | |
|-------------------------------|--|--|--|
| name and address of assignee | 14-18, | PARK PLUG CO., LTD. Takatsuji-cho, Mizuho-ku, -shi, Aichi 467-8525 Japan | |
| | (hereinafter ASSIGNEE) all right possessions in and to his inventi | t, title and interest for the United States, its territories an on relating to | d |
| title of invention | SPARK PLUG | | |
| | as set forth in his/her United Sta | es Patent Application | |
| check one | (X) executed (() executed (() Serial No. | oncurrently herewith n Filed | |
| | in and to said United State continuations and Convention a upon said application, including the world in respect to the inven for the Protection of Industrial country which may issue on any reissues, reexaminations, or ex successors, legal representatives any and all such Letters Patent r and enjoyed by the undersigned Each of the undersuccessors or assigns in accordance Each of the underequest of said ASSIGNEE, it communicate to said ASSIGNEE, it communicate to said ASSIGNEE, it communicate and deliver any parand perform all other lawful as successors, legal representative application including divisions which may be granted therefore in said ASSIGNEE, its successor legal representatives or assigns United States for said invention; Each of the undered power to insert in this Assignment. | Patent Application including any and all divisions oplications based in whole or in part on said invention the right to make applications for Letters Patents through ion and to claim priority under the International Conventage on and to claim priority under the International Conventage of the claim priority under the International Conventage of the claim of the term of the such application or for said invention, including any and ensions, to be held and enjoyed by said ASSIGNEE and assigns to the full end of the term or terms for we asy be granted as fully and entirely as would have been added this Assignment not be made; signed hereby authorizes and requests the Commissione of any and all such Letters Patent to said ASSIGNEE of the entire the content of the cute any document or instrument in conflict herewith; signed warrants and covenants that he/she has the full saigned further covenants and agrees that at any time of successors, legal representatives or assigns he/she is successors, legal representatives or assigns atting to said invention or patent application and that he ers, make all rightful oaths, testify in any legal proceed to deemed necessary or desirable by said ASSIGNEE or assigns to perfect title to said invention, to and continuations thereof and to any and all Letters Pathereon, including reissues, reexaminations, or extensing, or assigns or to assist said ASSIGNEE, its success in obtaining, reissuing or enforcing Letters Patent of signed hereby grants the firm of KUSNER & JAFFE ent any further identification which may be necessary as of the U.S. Patent and Trademark Office for recordary. | n o hou tion and all the constant and all the constant and all the constant and all the constant all the con |
| names and | Tsutomu Kobayashi date | JAN. Z 4. 2019date | |
| signatures of inventors | Name: Tsutomu KOBAYASH | Name: | |
| | date Name: | | |
| | italit, | Name: | |

PATENT REEL: 048168 FRAME: 0766

RECORDED: 01/29/2019