505126746 10/04/2018

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date | | |
|-----------|----------------|--|--|
| TORU UEDA | 07/17/2018 | | |

RECEIVING PARTY DATA

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| State/Country: | JAPAN |
| Postal Code: | 530-8288 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | | | | |
|---------------------|----------|--|--|--|--|
| Application Number: | 16137030 | | | | |

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| NAME OF SUBMITTER: | EDWARD JANACEK |
| SIGNATURE: | /Jeffrey S. Bergman/ |
| DATE SIGNED: | 10/03/2018 |

Total Attachments: 3

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Intellectual Property Law

宣誓書及び譲渡証ー米国のみ

DECLARATION AND ASSIGNMENT - U.S. RIGHTS ONLY

本証末尾に署名した者(以下、「発明者」という)は次の出類にかかる発明を行った。 Whereas, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") has/have invented:

| | | | | | | れる | | | | | | | | | | | | | | | |
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| | | 米国出 | 題。 | 若しく | (d: | (日付) | | | | 1. | 出願 | され | /= I | CT. | 国際 | 出願 | 番号 | ******* | | | .ر |
| して出 | 願され | してい | るもの | であ | って、 | 次の | 名称 | を有っ | する。 | b.Ø. | | | | | | | | 0.00 | | | |
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| 2017; a | ınd, er | ititled: | (発用 | 月の名 | 称) | HEAT | STO | RAG | EM. | ATE | RIAL | COI | MPC | SIT | ION | AND | USI | ETHE | REC |)F | |

その出願に関し、各発明者は次のことを宣言する。 Regarding that application, each of the INVENTOR(S) declares the following:

- 上記の出願は私自身、又は私が権限を授与したものによって行われた。
- The above-identified application was made or authorized to be made by me.
- 私は本出願書に記載された本来の発明者、又は本来のの共同発明者である。
- * I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
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(氏名または組織名)

KANEKA CORPORATION

having the following address:

(住所)

3-18, Nakanoshima 2-chome, Kita-ku, Osaka-shi, Osaka 5308288 Japan

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さらに、「発明者」は以下のことに同意する。 In addition, the undersigned INVENTOR(S) each hereby agreesa

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- 2. 全ての書面に署名し、優先権の主張に関連する、又は工業所有権の保護に関する 国際条約若しくはこれに類似の条約或いは協定の下、合法で且つ適切な行為をす ること。
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The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

本証末尾に署名した「発明者」は、各々、本証の登記にあたり米国特許蘅標庁の規則に従い、必要な、又は望ましい識別情報を本譲渡証に挿入する権限をオーシャ リャン LLP (OSHA・LIANG LLP) に与える。

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA • LIANG LLP the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

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RECORDED: 10/04/2018

以上の紙として、この銀渡証は本証末尾に署名した各人により、各署名の左側に記された 日に報行された。 IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

| July 17, 2018 | 第一発明者の署名 1 st Inventor Signature: | UEDA, | , Taru. | |
|---|---|------------|---------|--|
| 日付 Date | 氏名 | UEDA, Toru | | |
| Mark to the state of the state | Print or Type Name: | | | |

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