502720479 03/13/2014

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| DAISUKE SATO | 01/15/2014 |
| MASAYUKI KANEDA | 01/15/2014 |
| TAKASHI KOMATSU | 01/15/2014 |

RECEIVING PARTY DATA

| Name: | ASAHI KASEI FIBERS CORPORATION | |
|-----------------|---|--|
| Street Address: | 3-23, NAKANOSHIMA 3-CHOME, KITA-KU, OSAKA-SHI | |
| City: | OSAKA | |
| State/Country: | ate/Country: JAPAN | |
| Postal Code: | 530-8205 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14343216 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 10992.0028 |
|-------------------------|------------|
| NAME OF SUBMITTER: | B.CARSON |
| SIGNATURE: | /B.CARSON/ |
| DATE SIGNED: | 03/13/2014 |

Total Attachments: 1

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PATENT REEL: 032430 FRAME: 0746

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

| (Insert | Asahi Kasei Fibers Corporation | | | | | |
|--|---|--|---|--|--|--|
| ASSIGNEE's Name(s) Address(es)) | 3-23, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8205, Japan | | | | | |
| | · | | | | | |
| | | <u> </u> | | | | |
| | | | | | | |
| | | | | | | |
| | (hereinafter "ASSIGNEE"), the receipt of transfers to ASSIGNEE the entire and ex | | undersigned ASSIGNOR hereby sella, assigns and invention entitled | | | |
| (Title of Invention) | POLYKETONE POROUS FILM | | | | | |
| | relating to International Patent Applicati | | nd/or for which application for Letters Patent of was: | | | |
| (Insert date | (a) executed on | | | | | |
| of execution of application, if not concurrent) | (b) filed on March 6, 2014 | March 6, 2014 Assignee's attorney is hereby authorized to insert in (b) the specified data, when known. | | | | |
| | Serial No. <u>14 / 343,216</u> ; | | | | | |
| | and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). | | | | | |
| | The ASSIONOR agree(s), when requested by said ASSIONEE and without charge to but at the expense of said ASSIONEE, to do all acts which the ASSIONEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence. | | | | | |
| | IN WITNESS WHEREOF, the L | undersigned inventor(s) has (have) af | fixed his/her/their signature(s). | | | |
| (Signaturee) | Dalsuke Soto (SIGNATURE) | Daisuke Sato (TYPE NAME) | January 15, 2014 (DATE) | | | |
| | 2) Hasayuk? Kaneda (SIGNATURE) | Masayuki Kaneda | January 15, 2014 (DATE) | | | |
| | 3) Takashi Komatsu (signature) | Takashi Komatsu (TYPE NAME) | January 15, 2014 (DATE) | | | |
| | 4)(SIGNATURE) | (TYPE NAME) | (DATE) | | | |
| | 5)(SIGNATURE) | (TYPE NAME) | (DATE) | | | |
| | (SIGNATURE) | (TYPE NAME) | (DATE) | | | |
| | 7) (SIGNATURE) | (TYPE NAME) | (DATE) | | | |

(TYPE NAME)

PATENT REEL: 032430 FRAME: 0747

(DATE)

RECORDED: 03/13/2014

(SIGNATURE)