PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4018807

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| KEI WATANABE | 04/18/2016 |
| KAZUSADA TAKEDA | 04/18/2016 |
| HIROSHI TAKEZAKI | 04/26/2016 |
| KEI MAKITA | 04/23/2016 |
| YOSUKE NISHIMURA | 04/23/2016 |

RECEIVING PARTY DATA

| Name: | TORAY INDUSTRIES, INC. | |
|-------------------|-----------------------------------|--|
| Street Address: | 1-1, NIHONBASHI-MUROMACHI 2-CHOME | |
| Internal Address: | CHUO-KU | |
| City: | TOKYO | |
| State/Country: | JAPAN | |
| Postal Code: | 103-8666 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15120816 |

CORRESPONDENCE DATA

Fax Number: (215)656-2498

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: 215-656-3381

Email: pto.phil@dlapiper.com

Correspondent Name: IP GROUP OF DLA PIPER LLP (US)

Address Line 1: ONE LIBERTY PLACE

Address Line 2: 1650 MARKET ST, SUITE 4900

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

| ATTORNEY DOCKET NUMBER: | TIP-16-1258 (308877-560) |
|-------------------------|--|
| NAME OF SUBMITTER: | T. DANIEL CHRISTENBURY |
| SIGNATURE: | /TDC/ |
| DATE SIGNED: | 08/23/2016 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

PAIENI

503972151 REEL: 039507 FRAME: 0064

Total Attachments: 2

source=CombinedDecAssign#page1.tif source=CombinedDecAssign#page2.tif

PATENT REEL: 039507 FRAME: 0065

COMBINED DECLARATION/ASSIGNMENT

WHEREAS, we

Kei Watanabe of Tokai, Japan Kazusada Takeda of Tokai, Japan Hiroshi Takezaki of Nagoya, Japan Kei Makita of Nagoya, Japan Yosuke Nishimura of Tokai, Japan

(hereinafter referred to as "the undersigned"), have made an invention entitled POLYARYLENE SULFIDE RESIN POWDER/GRAIN COMPOSITION AND METHOD FOR PRODUCING SAME, identified in International Application No. PCT/JP2015/053971, and US Application No. 15/120,816 , (DLA Piper is authorized to insert the Serial No. when known),

the above-identified application was made or authorized to be made by the persons executing this Declaration;

we believe that we are the original joint inventors of a claimed invention in the application;

we hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 USC §1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, Toray Industries Inc., with offices at 1-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8666 Japan (hereinafter referred to as "assignee"), is desirous of acquiring the entire right, title and interest in said invention, said US application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said US application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name EAST\(12332\)1534.1

PATENT REEL: 039507 FRAME: 0066 of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED on the dates set forth below.

20/6. 4. /8

Date

20/6. 4. /8

Date

20/6. 4. Zh

Date

20/6. 4. 23

Date

20/6. 4. 23

Date

Kei Watanabe

Abeli

Kazusada Takeda

Timoshi Zahayaka

Hiroshi Takezaki

Kei Makita

Yosukl Nishimura

RECORDED: 08/23/2016