503348637 06/12/2015

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| SATOSHI WADA | 04/14/2015 |
| YUKO OKUSA | 04/16/2015 |
| CHIGUSA TAGUCHI | 04/14/2015 |
| YUKIO ABE | 04/23/2015 |
| MICHIYASU YAMAZAKI | 04/23/2015 |

RECEIVING PARTY DATA

| Name: | KURITA WATER INDUSTRIES LTD. |
|--------------------------|--|
| Street Address: | 10-1, NAKANO 4-CHOME, |
| City: | NAKANO-KU, TOKYO |
| State/Country: | JAPAN |
| Postal Code: | 164-0001 |
| | |
| Name: | GUN EI CHEMICAL INDUSTRY CO., LTD. |
| Name: Street Address: | GUN EI CHEMICAL INDUSTRY CO., LTD. 700 SHUKUORUI-MACHI |
| | · |
| Street Address: | 700 SHUKUORUI-MACHI |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 14651975 | |

CORRESPONDENCE DATA

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PATENT REEL: 035830 FRAME: 0445

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| ATTORNEY DOCKET NUMBER: | OPO-005 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | MANABU KANESAKA |
| SIGNATURE: | /Manabu KANESAKA/ |
| DATE SIGNED: | 06/12/2015 |
| T | |

Total Attachments: 2

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PATENT REEL: 035830 FRAME: 0446

OPO~005

ASSIGNMENT

For value received, We, 1) Satoshi WADA; 2) Yuko OKUSA; 3) Chiqusa TAGUCHI; 4) Yukio ABE; and 5) Michiyasu YAMAZAKI having post office address at 1); 2); 3)c/o KURITA WATER INDUSTRIES, LTD., 10-1, Nakano 4-chome, Nakano-ku, Tokyo 1640001 Japan, and 4); 5)c/o GUN EI CHEMICAL INDUSTRY CO., LTD., 700 Shukuorui-machi, Takasaki-shi, Gunma 3700032 Japan hereby sell, assign and transfer to a) KURITA WATER INDUSTRIES, LTD. and b) GUN EI CHEMICAL INDUSTRY CO., LTD. corporations existing under the laws of Japan located at a) 10-1, Nakano 4-chome, Nakano-ku, Tokyo 1640001 Japan; and b) 700 Shukuorui-machi, Takasaki-shi, Gunma 3700032 Japan and its successors, assigns, and legal representatives the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to PITCH INHIBITOR, PITCH INHIBITION METHOD, AND PROCESS FOR PRODUCING DEINKED PULP described in application for Letters Patent of the United States, executed by us on this date, and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all patents on said improvements or resulting therefrom to said Company as assignee of the entire interest, and covenant that We have full right so to do, and agree that We will communicate to said Company or its representatives any facts known to us respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful caths and generally do everything possible to aid said Company, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

| Signature | 和田 | 短久 |
|--------------------------------|----|----|
| J .J. 44 J J J J J Le Ca de le | | |

Unu 世入 Date April 14, 2015

Satoshi WADA

Yuko OKUSA

大草 優 3 Date April 14, 2015

Signature 田口 千草 Date April 14, 2015

Chigusa TAGUCHI

Yukio ABE

阿部寺雄 Date April 23, 2015 Signature

signature 上 崎 偏康

______Date___April__23,__2015__

Michiyasu YAMAZAKI