504608676 10/24/2017

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| Yoshio Sakai | 07/18/2017 |

RECEIVING PARTY DATA

| Name: | GOO CHEMICAL CO., LTD. |
|-----------------|------------------------|
| Street Address: | 58, Ijiri, Iseda-cho |
| City: | Uji-shi, Kyoto |
| State/Country: | Japan |
| Postal Code: | 611-0043 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15568973 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | HOK-0649 |
|-------------------------|-------------|
| NAME OF SUBMITTER: | LEE CHENG |
| SIGNATURE: | /Lee Cheng/ |
| DATE SIGNED: | 10/24/2017 |

Total Attachments: 1

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PATENT REEL: 043937 FRAME: 0474 504608676

| Docket No. |
|---|
| 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 |
| GOO CHEMICAL CO., LTD. of 58, Ijiri, Iseda-cho, Uji-shi, |
| Kyoto 611-0043, Japan |
| (hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE all of the right, title and interest to the invention entitled |
| LIQUID SOLDER RESIST COMPOSITION AND PRINTED WIRING BOARD |
| (filed as PCT International Application No. PCT/JP2016/004552) |
| for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below: |
| *filed on, Serial No. |
| (Cheng Law Group, PLLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known) |
| and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted. |
| The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient. |
| The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon |

{Signature(s) of Assignor(s)]

[insert ASSIGNEE's Name(s) Address(es)]

[Title of Invention]

(*If the assignment is being filed after the filing of the application, this section must be completed)

Yoshio SAKAI

(SIGNATURE)

Yoshio SAKAI

July 18, 2017

(TYPE NAME)

(DATE)

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and

proceeding with such interference, litigation, or other legal proceeding.

PATENT REEL: 043937 FRAME: 0475

RECORDED: 10/24/2017