502588842 12/03/2013

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| TETUO KUSUMOTO | 11/25/2013 |
| MASAHIRO HORIGUCHI | 11/25/2013 |
| TAKASHI MATSUMOTO | 11/25/2013 |
| YOSHIO AOKI | 11/25/2013 |
| MASANAO HAYASHI | 11/25/2013 |
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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14007242 |

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ATTORNEY DOCKET NUMBER: 131143

PATENT REEL: 031707 FRAME: 0137 \$40,00 140072

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| NAME OF SUBMITTER: | SHUJI YOSHIZAKI |
|--|-------------------|
| Signature: | /Shuji Yoshizaki/ |
| Date: | 12/03/2013 |
| Total Attachments: 2 source=131143_Assignment_12-03-2013#page1.tif source=131143_Assignment_12-03-2013#page2.tif | |

PATENT REEL: 031707 FRAME: 0138

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged by the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's Name(s) Address(es))

Docket No.: 131143

DIC Corporation 35-58, Sakashita 3-chome, Itabashi-ku, Tokyo, 174-8520 Japan

(hereinafter ASSIGNEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

POLYMERIZABLE COMPOUND HAVING LATERAL SUBSTITUENT IN TERMINAL RING STRUCTURE

(Title of Invention)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on September 24, 2013 Application No. 14/007,242

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, scrial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application (e.g., provisional or non-provisional) or any continuation, divisional, 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 the application and any continuation, 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, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon 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.

The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said ASSIGNEE to apply for patents therefore in its own name in countries where such procedure is proper and to claim the priority right under the International Convention and agrees to execute all papers necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination applications thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

Docket No.: 131143

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP

| (6) | IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). | | | |
|--------------|--|-----------------|--------------|--|
| (Signatures) | Leven Kent | Tetuo, KUSUMOTO | 284 LW, 2017 | |
| | | | | |

| Lervi Kenter (Signature) | Tetuo, KUSUMOTO | 28 U. Ww., 2s17 (Date) |
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| M. Horiguchi | Masahiro, HORIGUCHI | 25 th Nov . 20/3. |
| (Signature) | (Type Name) | (Date) |
| Talcoshi Matsumoto | Takashi, MATSUMOTO | 25th Nov. 2013 |
| (Signature) | (Type Name) | 25th Nov 20/3 (Date) |
| Jakashi Matsunoto (Signature) Goshi Jahi (Signature) | Yoshio, AOKI | 25th Nov. 201 |
| (Signature) | (Type Name) | (Date) |
| M - Hoyarshi (Signature) | Masanao, HAYASHI | 25th Nov. 2013 |
| (Signature) | (Type Name) | (Date) |
| Masayuhi Ywakulo (Signature) | Masayuki, IWAKUBO | 2th New 2013 |
| (Signature) | (Type Name) | 25th , NW, 2013 (Date) |
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NO LEGALIZATION REQUIRED

RECORDED: 12/03/2013