

## PATENT ASSIGNMENT

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| SUBMISSION TYPE:  | NEW ASSIGNMENT                                  |
| NATURE OF CONVEYANCE:   | ASSIGNMENT                                      |
| CONVEYING PARTY DATA  |   |
| Name  | Execution Date                                  |
| KANSAI COKE AND CHEMICALS CO., LTD.(also known as Kansai Netsukagaku Kabushiki Kaisha)                                | 06/13/2012                                      |
| RECEIVING PARTY DATA  |   |
| Name:   | MITSUBISHI CHEMICAL CORPORATION                 |
| Street Address:   | 1-1, MARUNOUCHI 1-CHOME,                        |
| City:   | CHIYODA-KU, TOKYO                               |
| State/Country:  | JAPAN   |
| Postal Code:  | 100-8251  |
| PROPERTY NUMBERS Total: 2   |   |
| Property Type   | Number  |
| Patent Number:  | 6139990   |
| Patent Number:  | 7563543   |
| CORRESPONDENCE DATA   |   |
| Fax Number:   | (202)293-7860                                   |
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| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> |   |
| Correspondent Name:   | SUGHRUE MION, PLLC                              |
| Address Line 1:   | 2100 PENNSYLVANIA AVENUE, NW                    |
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| ATTORNEY DOCKET NUMBER:   | 024912  |
| NAME OF SUBMITTER:  | Renita Flood-Bennett                            |
| Total Attachments: 1<br>source=aSSIGNMENT#page1.tif   |   |

OP \$80.00 6139990

## Assignment

Whereas, Kansai Coke and Chemicals Co., Ltd. (also known as Kansai Netsukagaku Kabushiki Kaisha), of 2-6, Shioe 1-chome, Amagasaki-shi, Hyogo, Japan (formerly 23, Ohama-cho 1-chome, Amagasaki-shi, Hyogo 660-0095, Japan), hereinafter referred to as "Assignor", is the owner of the entire right, title and interest in United States Patents **No. 6,139,990 and No. 7,563,543**; and

Whereas, Mitsubishi Chemical Corporation, of 1-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8251, Japan, hereinafter referred to as "Assignee", desires to acquire the entire right, title, and interest of the Assignor in the said U.S. Patents;

Now, therefore, for valuable consideration, receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to the above-named Assignee, its successors and assigns, the entire right, title and interest in the said U.S. Patents, and any reissues or re-examinations thereof, together with all claims for damages by reason of past infringement of the said U.S. Patents with the right to Assignee to sue for and collect the same for their own use and enjoyment.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Kansai Coke and Chemicals Co., Ltd.

Date: 2012. 6. 13

By: Masaru Nishimura

General Manager

Title: Corporate Planning Department  
Intellectual Property Section