

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Shota MORIWAKI	07/16/2009
Hidenobu KAKIMOTO	07/14/2009
Tomoya NAKATANI	07/14/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SUMITOMO CHEMICAL COMPANY, LIMITED
<b>Street Address:</b>	27-1, Shinkawa 2-Chome
<b>City:</b>	Chuo-ku, Tokyo
<b>State/Country:</b>	JAPAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12525147
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<b>ATTORNEY DOCKET NUMBER:</b>	Q114448 (JTC)
<b>NAME OF SUBMITTER:</b>	John T. Callahan
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Q114448

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W4346-01(US)

**ASSIGNMENT**

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by SUMITOMO CHEMICAL COMPANY, LIMITED, a corporation organized under the laws of Japan, located at 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said SUMITOMO CHEMICAL COMPANY, LIMITED, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

**BLOCK COPOLYMER AND POLYMER LIGHT-EMITTING DEVICE**

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith,

and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said SUMITOMO CHEMICAL COMPANY, LIMITED, its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said SUMITOMO CHEMICAL COMPANY, LIMITED.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)  
(発明者フルネームサイン)

Date Signed  
(署名日)

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|----|--|-----------------------|
| 1) | <u>Shota Moriwaki</u><br>Shota MORIWAKI      | <u>July 16, 2009</u>  |
| 2) | <u>Hideobu Kakimoto</u><br>Hidenobu KAKIMOTO | <u>July 14, 2009.</u> |
| 3) | <u>Tomoya Nakatani</u><br>Tomoya NAKATANI    | <u>July 14, 2009</u>  |
| 4) | _____  | _____                 |
| 5) | _____  | _____                 |
| 6) | _____  | _____                 |
| 7) | _____  | _____                 |
| 8) | _____  | _____                 |