

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Akihiro Konno</td> <td>12/20/2010</td> </tr> <tr> <td>Ken-ichi Takaki</td> <td>12/20/2010</td> </tr> <tr> <td>Hiroshi Sakabe</td> <td>12/17/2010</td> </tr> </tbody> </table>		Name	Execution Date	Akihiro Konno	12/20/2010	Ken-ichi Takaki	12/20/2010	Hiroshi Sakabe	12/17/2010		
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CORRESPONDENCE DATA											
Fax Number: (513)421-0991 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 6142272000 Email: hkozlowski@porterwright.com Correspondent Name: PORTER WRIGHT MORRIS & ARTHUR, LLP INTEL Address Line 1: 41 SOUTH HIGH STREET Address Line 2: 28TH FLOOR Address Line 4: COLUMBUS, OHIO 43215											
ATTORNEY DOCKET NUMBER:	4007561-173511										
NAME OF SUBMITTER:	Holly D. Kozlowski										
Total Attachments: 2 source=Assignment#page 1.tif											

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PATENT
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ASSIGNMENT

WHEREAS, WE, **Akihiro KONNO**, a citizen of Japan, residing at c/o Kureha Corporation, 3-3-2, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-8552 Japan, **Ken-ichi TAKAKI**, a citizen of Japan, residing at c/o Kureha Corporation, 3-3-2, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-8552 Japan, and **Hiroshi SAKABE**, a citizen of Japan, residing at c/o Kureha Corporation, 3-3-2, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-8552 Japan hereinafter referred to as "ASSIGNORS"), have invented **PRODUCTION PROCESS OF POLY(ARYLENE SULFIDE) WHOSE CONTENT OF TERMINAL HALOGEN GROUP HAS BEEN REDUCED**, as set forth in PCT International Application Number PCT/JP2009/060598 filed June 10, 2009; and

WHEREAS, **KUREHA CORPORATION**, having an address of 3-3-2, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-8552 Japan, a corporation duly organized and existing under the laws of Japan (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire interest therein.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, said ASSIGNORS, hereby sell, assign, and transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said invention, and said United States application and all divisions, renewals, and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues, reexaminations and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals, reexaminations and reissues thereof.

ASSIGNORS hereby authorize and request the Director of the United States Patent and Trademark Office, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

ASSIGNORS hereby grant the firm of Porter, Wright, Morris & Arthur LLP the power to insert in this Assignment any further identification or information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

ASSIGNORS hereby covenant and agree that they have full right to convey the entire interest herein assigned, and that they have not executed, and will not execute, any agreement in conflict herewith.

ASSIGNORS hereby further covenant and agree that they will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to them respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, reexamination and foreign applications, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Dated: December 20, 2010

Akihiro Konno
Akihiro KONNO

Dated: December 20, 2010

Ken-ichi Takaki
Ken-ichi TAKAKI

Dated: December 17, 2010

Hiroshi Sakabe
Hiroshi SAKABE