

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Tadahiro FUKUJU</td><td>10/19/2011</td></tr> <tr><td>Kikuo YAMAMOTO</td><td>10/19/2011</td></tr> <tr><td>Masuyuki MORIWAKI</td><td>10/19/2011</td></tr> <tr><td>Yasutaka KOMATSU</td><td>10/19/2011</td></tr> <tr><td>Akihiro SAITO</td><td>10/19/2011</td></tr> <tr><td>Shunsuke HOSAKA</td><td>10/19/2011</td></tr> <tr><td>Dai TSUNODA</td><td>10/19/2011</td></tr> <tr><td>Jun KAWAKAMI</td><td>10/19/2011</td></tr> </tbody> </table>		Name	Execution Date	Tadahiro FUKUJU	10/19/2011	Kikuo YAMAMOTO	10/19/2011	Masuyuki MORIWAKI	10/19/2011	Yasutaka KOMATSU	10/19/2011	Akihiro SAITO	10/19/2011	Shunsuke HOSAKA	10/19/2011	Dai TSUNODA	10/19/2011	Jun KAWAKAMI	10/19/2011
Name	Execution Date																		
Tadahiro FUKUJU	10/19/2011																		
Kikuo YAMAMOTO	10/19/2011																		
Masuyuki MORIWAKI	10/19/2011																		
Yasutaka KOMATSU	10/19/2011																		
Akihiro SAITO	10/19/2011																		
Shunsuke HOSAKA	10/19/2011																		
Dai TSUNODA	10/19/2011																		
Jun KAWAKAMI	10/19/2011																		
RECEIVING PARTY DATA																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">Name:</td><td>TOKUYAMA CORPORATION</td></tr> <tr><td>Street Address:</td><td>1-1, Mikage-cho</td></tr> <tr><td>City:</td><td>Shunan-shi, Yamaguchi</td></tr> <tr><td>State/Country:</td><td>JAPAN</td></tr> <tr><td>Postal Code:</td><td>745-0053</td></tr> </table>		Name:	TOKUYAMA CORPORATION	Street Address:	1-1, Mikage-cho	City:	Shunan-shi, Yamaguchi	State/Country:	JAPAN	Postal Code:	745-0053								
Name:	TOKUYAMA CORPORATION																		
Street Address:	1-1, Mikage-cho																		
City:	Shunan-shi, Yamaguchi																		
State/Country:	JAPAN																		
Postal Code:	745-0053																		
PROPERTY NUMBERS Total: 1																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13319912</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13319912														
Property Type	Number																		
Application Number:	13319912																		
CORRESPONDENCE DATA																			
<p>Fax Number: (703)205-8050</p> <p>Phone: (703)205-8000</p> <p>Email: mailroom@bskb.com, yerin.e.cho@bskb.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Birch, Stewart, Kolasch & Birch, LLP</p> <p>Address Line 1: PO Box 747</p> <p>Address Line 4: Falls Church, VIRGINIA 22040-0747</p>																			

CH \$40.00 13319912

501722482

PATENT
REEL: 027220 FRAME: 0027

ATTORNEY DOCKET NUMBER:	1691-0256PUS1
NAME OF SUBMITTER:	Marc S. Weiner
Total Attachments: 3 source=1691-0256PUS1_Assign#page1.tif source=1691-0256PUS1_Assign#page2.tif source=1691-0256PUS1_Assign#page3.tif	

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No. 13/319,912

Filed November 10, 2011

**Insert Name(s)
of Inventor(s)**

*****(FAMILY NAME (ALL CAPS), Given Name)*****

WHEREAS,	<u>FUKUJU, Tadahiro</u>	: <u>YAMAMOTO, Kikuo</u>
	<u>MORIWAKI, Masayuki</u>	: <u>KOMATSU, Yasutaka</u>
	<u>SAITO, Akihiro</u>	: <u>SAITO, Akihiro</u>
	<u>HOSAKA, Shunsuke</u>	: <u>TSUNODA, Dai</u>
	<u>KAWAKAMI, Jun</u>	: <u>KAWAKAMI, Jun</u>
	<u>;</u>	<u>;</u>
	<u>;</u>	<u>;</u>
	<u>;</u>	<u>;</u>
	<u>;</u>	<u>;</u>

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

**Insert Title
of Invention**

PROCESS OF MAKING A CHLORINATED HYDROCARBON

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

**Insert Date
of Signing of
Application**

on October 19, 2011; and

**Insert Name
of Assignee**

WHEREAS, TOKUYAMA CORPORATION

**Insert Address
of Assignee**

of 1-1, Mikage-cho, Shunan-shi, YAMAGUCHI 745-0053 JAPAN

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

CHECK BOX
IF APPROPRIATE

☐ in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) 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.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>OCT. 19, 2011</u>	Name of Inventor <u>Fukujin Tadahiro</u> (signature) FUKUJU, Tadahiro
Date <u>OCT. 19, 2011</u>	Name of Inventor <u>Yamamoto Kikuo</u> (signature) YAMAMOTO, Kikuo
Date <u>OCT. 19, 2011</u>	Name of Inventor <u>Moriwaki Masayuki</u> (signature) MORIWAKI, Masayuki
Date <u>OCT. 19, 2011</u>	Name of Inventor <u>Komatsu Yasutaka</u> (signature) KOMATSU, Yasutaka
Date <u>OCT. 19, 2011</u>	Name of Inventor <u>Saito Akihiro</u> (signature) SAITO, Akihiro
Date <u>OCT. 19, 2011</u>	Name of Inventor <u>Hosaka Shunsuke</u> (signature) HOSAKA, Shunsuke

Date OCT. 19, 2011

Name of Inventor Tsunoda, Dai
(signature) TSUNODA, Dai

Date OCT. 19, 2011

Name of Inventor Jun Kawakami
(signature) KAWAKAMI, Jun

Date _____

Name of Inventor _____
(signature)

Date _____

Name of Inventor _____
(signature)

Date _____

Name of Inventor _____
(signature)

Date _____

Name of Inventor _____
(signature)

Date _____

Name of Inventor _____
(signature)

Date _____

Name of Inventor _____
(signature)

Date _____

Name of Inventor _____
(signature)

Date _____

Name of Inventor _____
(signature)

Date _____

Name of Inventor _____
(signature)

Date _____

Name of Inventor _____
(signature)

Date _____

Name of Inventor _____
(signature)

Date _____

Name of Inventor _____
(signature)