

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>HIROYUKI YANO</td> <td>11/26/2013</td> </tr> <tr> <td>HARUHIKO WATANABE</td> <td>11/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	HIROYUKI YANO	11/26/2013	HARUHIKO WATANABE	11/26/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>ASAHI KASEI CHEMICALS CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>1-105, KANDA JINBOCHO, CHIYODA-KU</td> </tr> <tr> <td>City:</td> <td>TOKYO</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>101-8101</td> </tr> </table>		Name:	ASAHI KASEI CHEMICALS CORPORATION	Street Address:	1-105, KANDA JINBOCHO, CHIYODA-KU	City:	TOKYO	State/Country:	JAPAN	Postal Code:	101-8101
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14118166</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14118166						
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Application Number:	14118166										
CORRESPONDENCE DATA											
<p>           Fax Number: (703)205-8050            Phone: (703) 205-8000            Email: mailroom@bskb.com, anh-vu.dao@bskb.com  <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>            Correspondent Name: BIRCH, STEWART, KOLASCH &amp; BIRCH, LLP            Address Line 1: P.O. BOX 747            Address Line 4: FALLS CHURCH, VIRGINIA 22040-0747         </p>											
ATTORNEY DOCKET NUMBER:	3939-0231PUS1										
NAME OF SUBMITTER:	ANH-VU DAO										
Signature:	/anh-vu dao/										
Date:	01/03/2014										
<p>           Total Attachments: 3            source=2014-01-03_Assignment_3939-0231PUS1#page1.tif            source=2014-01-03_Assignment_3939-0231PUS1#page2.tif            source=2014-01-03_Assignment_3939-0231PUS1#page3.tif         </p>											

**ASSIGNMENT**

**契約譲渡証**

ここにその受領と充足性が確認された有効で価値ある約因をもって、文末に署名した者は、

(氏名または組織名)

(住所)

(以下「譲受人」と呼ぶ) と、その承継人および譲受人に対して、

(発明の名称)

事件整理番号:

という名称で知られ、以下に署名した者が以下に記した日にアメリカ合衆国特許を申請した発明のアメリカ合衆国におけるすべての権利、権原および利権、ならびにその発明に対して行われるすべての特許申請とそれらによって得られる特許状ならびにそれらの分割、再申請、継続および延長を譲渡するものであり、さらにその利権は、当該特許状が譲受人、継承人、さらにその譲受人らまたは彼らの法的代理人に与えられたときに、当該特許状の全所有権をこの譲渡が行われなかった場合に譲渡人に当該特許状が与えられることにより譲渡人が受けたであろう期間の最後の日まで、完全無欠に授けられるものとする。この書状が、申請と同時に登録されない場合は、以下の認識情報が執行後に追加されるものとする。

出願日 :

国際出願番号:

出願番号 :

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to: Asahi Kasei Chemicals Corporation  
having the address:

1-105, Kanda Jinbocho, Chiyoda-ku, Tokyo  
101-8101 Japan

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said

ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by assignor(s) if this assignment had not been made, the application being known by the title:

METHOD FOR PRODUCING CONJUGATED  
DIOLEFIN AND APPARATUS FOR PRODUCTION

Attorney Docket No.:  
for the which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Filing Date: May 9, 2012

International Filing Number: PCT/JP2012/061903

US Serial No.:

1. 文末に署名した者は、上記の申請、またはその継続出願、一部継続出願、さしかえ出願、分割出願、更新出願、再審査出願、または再発行出願、またはあらゆる補正、抵触審査手続の延長、又はその他権原を譲受人が確保するために必要なあらゆる文書を署名、執行することと同意する。

2. 文末に署名した者は、工業所有権の保護に関する国際条約または同様な条約のクレームまたは条項に関連して必要となるすべての文書を署名、執行し、必要な行為を行うことに同意する。

3. 文末に署名した者は、譲受人に有効な米国特許を取得させるために必要なすべての積極的な行為を実行することに同意する。

4. 文末に署名した者は、アメリカ合衆国の特許庁長官に対して、当該特許申請またはそれに基づくすべての分割、継続申請から生じるすべての特許状を当該譲受人に発行するように、請願する。

5. 文末に署名した者は、本状の登記に当りアメリカ合衆国特許庁の規則に従って必要であり、望ましいような識別情報をこの譲渡書に挿入する権利を\_\_\_\_\_法律事務所に委任するものとする。

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

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

3. The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of patents in the United States to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of BIRCH, STEWART, KOLASCH & BIRCH, LLP the power to insert on this agreement any further identification 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.

以上を確認のうえで、下記の者が下記の氏名に並んで記された日に各自、署名して本書を発効させるものである。

年月日 氏名 (楷書) :

年月日 氏名 (楷書) :

IN WITNESS THEREBY, executed by the undersigned on the date(s) opposite the undersigned names(s).

Nov 26, 2013 Hiroyuki Yano  
Date Typed Name: Hiroyuki YANO

Nov. 26, 2013 Haruhiko Watanabe  
Date Typed Name: Haruhiko WATANABE

本譲渡書はアメリカ合衆国公証人または下記に署名する少なくとも2名の証人の前で署名されるものとする。

年月日 氏名 (楷書) :

年月日 氏名 (楷書) :

年月日 氏名 (楷書) :

年月日 氏名 (楷書) :

This assignment may be signed before a U.S. Notary Public or before at least two witnesses who also sign here:

Nov. 26, 2013 Hideo Midorikawa  
Date Typed Name: Hideo MIDORIKAWA

Nov. 26, 2013 Kazuhiko Takagaki  
Date Typed Name: Kazuhiko Takagaki

Nov. 26, 2013 Shinichiro Hashimoto  
Date Typed Name: Shinichiro Hashimoto

Nov. 26, 2013 Hiroshi Tominaga  
Date Typed Name: Hiroshi Tominaga