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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIRONORI KINOSHITA	11/18/2013
SUMITSUGU KISANUKI	11/18/2013
MASAAKI SUGI	11/18/2013
TAKAYOSHI MORI	11/18/2013

RECEIVING PARTY DATA

Name:	DSP GOKYO FOOD & CHEMICAL CO., LTD.
Street Address:	5-51, EBIE 1-CHOME, FUKUSHIMA-KU
City:	OSAKA-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	553-0001
Name:	TOKYO OHKA KOGYO CO., LTD.
Street Address:	150 NAKAMARUKO, NAKAHARA-KU
City:	KAWASAKI-SHI, KANAGAWA
State/Country:	JAPAN
Postal Code:	211-0012

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14095870

CORRESPONDENCE DATA

Fax Number: (949)760-9502

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 9497600404

Email: efiling@knobbe.com

Correspondent Name: KNOBBE, MARTENS, OLSON & BEAR, LLP

2040 MAIN STREET Address Line 1:

Address Line 2: 14TH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER: FUMO4.001AUS **NAME OF SUBMITTER:** DANIEL E. ALTMAN

PATENT

REEL: 034190 FRAME: 0679 503064777

SIGNATURE:	/daniel altman/		
DATE SIGNED:	11/17/2014		
Total Attachments: 2			
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PATENT REEL: 034190 FRAME: 0680

ASSIGNMENT

WHEREAS, Hironori KINOSHITA, a Japanese citizen, residing at Osaka Japan, Sumitsugu KISANUKI, a Japanese citizen, residing at Osaka Japan, Masaaki SUGI, a Japanese citizen, residing at Osaka Japan, and Takayoshi MORI, a Japanese citizen, residing at Kanagawa Japan, (individual hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to

NOVEL SULFONIUM SALT, METHOD FOR PRODUCING THE SAME, AND PHOTOACID GENERATOR

(collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, DSP GOKYO FOOD & CHEMICAL CO., LTD., a Japan Corporation, with its principal place of business at 5-51, Ebie 1-chome, Fukushima-ku, Osaka-shi, Osaka 553-0001 Japan, and TOKYO OHKA KOGYO CO., LTD., 150 Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 Japan (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto, and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

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Filing Date: Unknown	Page 2 of		
Legal Name of inventor: Hironori KINOSHITA	THE THIRD IN SECULATION OF A SECURATION OF A SECULATION OF A SECULATION OF A SECULATION OF A SECURATION OF A S		
Inventor Signature: Phisosopi Minoshita	Date:	November 18, 2013	
Legal Name of inventor: Sumitsugu KISANUKI			
Inventor Signature: Samitsuga Kisahuki	Date:	November 18, 2013	
Legal Name of inventor: Masaaki SUGI			
Inventor Signature: Masaaki Sugi	Date:	November 18, 2013	
Legal Name of inventor: Takayoshi MORI			
Inventor Signature: Takayoshi Mohi	Date:	November 18, 2013	

RECORDED: 11/17/2014

PATENT REEL: 034190 FRAME: 0682