505407995 04/03/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHIYA NAITO	11/27/2018
MASAMICHI HAYAKAWA	01/15/2019
YOSHIYUKI UTSUMI	11/22/2018

RECEIVING PARTY DATA

Name:	TOYO GOSEI CO., LTD.
Street Address:	1603 KAMIMYODEN, ICHIKAWA-SHI
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State/Country:	JAPAN
Postal Code:	2720012

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16339014

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	02120176US
NAME OF SUBMITTER:	TIMOTHY J. MAIER
SIGNATURE:	/Timothy J. Maier/
DATE SIGNED:	04/03/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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> **PATENT** REEL: 048777 FRAME: 0011 505407995

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PATENT REEL: 048777 FRAME: 0012

Docket No.: 02120176US Only After Sept 16, 2012 US Rights Only

ASSIGNMENT WITH DECLARATION FOR PATENT APPLICATION (37 CFR 1.63)

特許出願宣言書付き譲渡書 (37 CFR 1.63)

Japanese Language Assignment with Declaration

下記に署名した発明者であり、以下に譲渡人と称される私 (我々) は、下記の出願に記載された改良に関する発明を し、	Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and
の(譲受人)は、本件出願 および本件発明、ならびに当該出願から得られるいかなる米 国特許に関する全ての権利、権原、および利益の取得を要求 します。	Whereas TOYO GOSEL CO., LTD. of 1603 Kamimyoden, lehikawa-shi, Chiba 2720012, JP. (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;
よって、価値ある対価の受領をここに確認し、	Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,
上で護波人として特名された私 (我々) は、米国における本件出願およびその発明開示、全ての分割出願および継続出 職。これら出願について許可された米国特許証および全ての 再業行券許に関する全ての権利 (35 USC 119に基づく優先権を主張する権利と過去分の損害賠償請求権を含む)、権原、および利益を、上で指定した譲受人、その承継人ないし権利 承継者に売却。譲渡、移転するとともに、私 (我々) は米国 特許商標庁長官に対し、本件出願に配載の発明に対する特許 証を、譲受人、その承継人ないし権利承継者に発行することを要請し、私 (我々) は、これ以上の対価なしに、證受人の求めにより、本件米国特許出願に関して該受人が必要とみなす金工の書類を作成します。	I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 USC 119 and the right to sue for past damages, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.
(公証人による認証は不要であるが、これらの書類は、35 USC 261に基づく推定された証拠となる)	(Legalization not required for recording but is prima facic evidence of execution under 35 USC 261)
私は、下記に記載の発明者として,以下の通り宣言します。	As the below named inventor, I hereby declare that:
本宣言付き譲渡書は、以下に関します。	This assignment with declaration is directed to:
添付の出願書、または、	The attached application, or
年_月_日に出願された米国出願あるいはPCT 国際出願番号(確認番号)	United States Application or PCT International Application Number <u>PCT/JP2017/045771</u> filed on <u>December 20, 2017</u> (Confirmation No).
本件出願の名称は、以下の通りです。	The application is entitled:
藤光桂化合物、該感光性化合物を含有する光酸発生剤及びレジスト組成物。並びに、該レジスト組成物を用いたデバイスの製造方法	PHOTOSENSITIVE COMPOUND, PHOTOACID GENERATOR AND RESIST COMPOSITION CONTAINING SAID PHOTOSENSITIVE COMPOUND, AND METHOD FOR MANUFACTURING DEVICE USING SAID RESIST COMPOSITION
3	COMPOSITION
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Japanese Language Assignment with Declaration

上記に明示された出願は、私が作成した、または作成を許可 したものです。

私は、本件出願において請求項に記載された発明の本来の発 明者、または、本来の共同発明者であると信じています。

私は、本宣言付き譲渡書の提出に関わる本件出願の内容を検 新し、理解しています。

私は、37 CFR 1.56に定義されるように、自身が知る全ての 特許性に関する重要な情報を、米国特許商標庁に開示する義 務があることを認識しています。

私は、本宣書付き譲渡書において故意に虚偽の供述を行った 場合、18 USC 1001に基づき、罰金あるいは5年以下の懲役、 または両方による処罰の対象となることを認識しています。 The above identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b):

The assignment with declaration is an accurate translation of the corresponding English language assignment with declaration.

Signature

Date

March 11, 2014

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REEL: 048777 FRAME: 0014

NAME OF FIRST OR SOLE INVENTOR: 唯一あるいは第一の発明者名			
Given Name (first and middle [if any]) 名(名およびミドルネーム[該当する場合]) Michiya	Family Name or Surname 知 NAITO		
Inventor's signature 発明者の署名 MICA: ya Naito	Date Off November 27.2018		
Residence: 住所: c/o TOYO GOSEI CO., LTD., 1603 Kamimyoden, Ichikawa-shi	, Chiba 2720012 (IP)		
Mailing Address: 郵送先: c/o TOYO GOSEI CO., LTD., 1603 Kamimyoden, Ichik	awa-shi, Chiba 2720012 (JP)		
NAME OF SECOND INVENTOR: 第二の発明者名			
Given Name (first and middle [if any]) 名(名およびミドルネーム[該当する場合]) Yoshiyuki	Family Name or Surname 姓 UTSUMI		
Inventor's signature 発明者の署名	Data Off November 22, 20/8		
Residence: 住所: 			
Mailing Address: 數差先:			
c/o TOYO GOSEI CO., LTD., 1603 Kaminyoden, Ichik	awa-shi, Chiha 2720012 (JP)		

ASSIGNMENT

Whereas, I, Masamichi HAYAKAWA, whose post office address is c/o TOYO GOSEI CO., LTD., 1603

Kamimyoden, Ichikawa-shi, Chiba 2720012 (JP), hereinafter referred to as ASSIGNOR, is the owner of certain new and useful improvements in PHOTOSENSITIVE COMPOUND, PHOTOACID GENERATOR AND RESIST

COMPOSITION CONTAINING SAID PHOTOSENSITIVE COMPOUND, AND METHOD FOR

MANUFACTURING DEVICE USING SAID RESIST COMPOSITION (hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was executed on even date herewith

__executed on even date herewith
__executed on:
X_ filed on:03-APR-2019Serial No.: 16339014
__established by PCT International Patent Application No.: filed:
 designating the United States of America

WHEREAS, TOYO GOSEI CO., LTD., whose post office address is 1603 Kamimyoden, Ichikawa-shi, Chiba 2720012 (JP), hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States:

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Maier & Maier, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

X	早山 f佳代 Jahuary 15, 2019 Signature on behalf of the Deceased	For The Deceased
¥.	Masayo Hayakawa Name of Signor	200
K	Wife Title of Signor	

PATENT REEL: 048777 FRAME: 0016

RECORDED: 04/03/2019