504292575 03/28/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4339256

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVE	YANCE:	ASSIGNMENT	
CONVEYING PART	Υ DATA		
		Name	Execution Date
YOUSUKE HIROTA			12/07/2016
TAKAMITSU NAKAMURA			12/02/2016
YUTAKA SATOU			12/07/2016
RECEIVING PARTY	DATA		
Name:	DIC C	DIC CORPORATION	
Street Address:	35-58,	35-58, SAKASHITA 3-CHOME, ITABASHI-KU	
City:	TOKY	ТОКҮО	
State/Country:	JAPAN	JAPAN	
Postal Code:	174-85	520	
PROPERTY NUMBE		Number	
PROPERTY NUMBE			
	/pe		
PROPERTY NUMBE Property Ty Application Numbe	/pe r:	Number	
PROPERTY NUMBE Property Ty Application Numbe CORRESPONDENC	/pe r:	Number 15321528	
PROPERTY NUMBE Property Ty Application Numbe CORRESPONDENC Fax Number:	vpe er: CE DATA	Number 15321528 (202)756-8087	
PROPERTY NUMBE Property Ty Application Numbe CORRESPONDENC Fax Number: Correspondence w	r: CE DATA ill be sent to	Number 15321528	successful, it will be sent nt via US Mail.
PROPERTY NUMBE Property Ty Application Numbe CORRESPONDENC Fax Number: Correspondence w	r: CE DATA ill be sent to	Number 15321528 (202)756-8087 o the e-mail address first; if that is un	successful, it will be sent nt via US Mail.
PROPERTY NUMBE Property Ty Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi using a fax number</i> Phone: Email:	r: CE DATA ill be sent to r, if provided	Number 15321528 (202)756-8087 o the e-mail address first; if that is un d; if that is unsuccessful, it will be set 202-756-8000 lcruz@mwe.com	successful, it will be sent nt via US Mail.
PROPERTY NUMBE Property Ty Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi using a fax number</i> Phone: Email: Correspondent Nam	r: CE DATA ill be sent to r, if provided	Number 15321528 (202)756-8087 o the e-mail address first; if that is un d; if that is unsuccessful, it will be sel 202-756-8000 lcruz@mwe.com MCDERMOTT WILL & EMERY LLP	successful, it will be sent nt via US Mail.
PROPERTY NUMBE Property Ty Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi using a fax number</i> Phone: Email: Correspondent Nan Address Line 1:	r: CE DATA ill be sent to r, if provided	Number 15321528 (202)756-8087 o the e-mail address first; if that is un d; if that is unsuccessful, it will be set 202-756-8000 lcruz@mwe.com MCDERMOTT WILL & EMERY LLP THE MCDERMOTT BUILDING	nt via US Mail.
PROPERTY NUMBE Property Ty Application Numbe CORRESPONDENC Fax Number: Correspondence w using a fax number Phone: Email: Correspondent Nan Address Line 1: Address Line 2:	r: CE DATA ill be sent to r, if provided	Number 15321528 (202)756-8087 o the e-mail address first; if that is un d; if that is unsuccessful, it will be sel 202-756-8000 lcruz@mwe.com MCDERMOTT WILL & EMERY LLP THE MCDERMOTT BUILDING 500 NORTH CAPITOL STREET, N.W.	nt via US Mail.
PROPERTY NUMBE Property Ty Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi using a fax number</i> Phone: Email: Correspondent Nan Address Line 1:	r: CE DATA ill be sent to r, if provided	Number 15321528 (202)756-8087 o the e-mail address first; if that is un d; if that is unsuccessful, it will be set 202-756-8000 lcruz@mwe.com MCDERMOTT WILL & EMERY LLP THE MCDERMOTT BUILDING	nt via US Mail.
PROPERTY NUMBE Property Ty Application Numbe CORRESPONDENC Fax Number: Correspondence w using a fax number Phone: Email: Correspondent Nan Address Line 1: Address Line 2:	re The sent to the	Number 15321528 (202)756-8087 o the e-mail address first; if that is un d; if that is unsuccessful, it will be set 202-756-8000 lcruz@mwe.com MCDERMOTT WILL & EMERY LLP THE MCDERMOTT BUILDING 500 NORTH CAPITOL STREET, N.W. WASHINGTON, D.C. 20001	nt via US Mail.
PROPERTY NUMBE Property Ty Application Numbe CORRESPONDENC Fax Number: Correspondence w using a fax number Phone: Email: Correspondent Nan Address Line 1: Address Line 2: Address Line 4:	r: E DATA ill be sent to r, if provided me: T NUMBER:	Number 15321528 (202)756-8087 o the e-mail address first; if that is un d; if that is unsuccessful, it will be set 202-756-8000 lcruz@mwe.com MCDERMOTT WILL & EMERY LLP THE MCDERMOTT BUILDING 500 NORTH CAPITOL STREET, N.W. WASHINGTON, D.C. 20001	nt via US Mail.
PROPERTY NUMBE Property Ty Application Numbe CORRESPONDENC Fax Number: Correspondence wi using a fax number Phone: Email: Correspondent Nan Address Line 1: Address Line 2: Address Line 4:	r: E DATA ill be sent to r, if provided me: T NUMBER:	Number15321528(202)756-8087o the e-mail address first; if that is un d; if that is unsuccessful, it will be sel 202-756-8000lcruz@mwe.comMCDERMOTT WILL & EMERY LLP THE MCDERMOTT BUILDING 500 NORTH CAPITOL STREET, N.W. WASHINGTON, D.C. 20001:086746-0087	nt via US Mail.

source=086746-0087 - COMBINED DECLARATION AND ASSIGNMENT#page1.tif source=086746-0087 - COMBINED DECLARATION AND ASSIGNMENT#page2.tif

COMBINED DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION 特許出願の宣誓書および譲渡書

As a below named inventor, I hereby declare that:

私は、下記に記名された発明者として、以下について宣誓する:

I believe I am the original or an original joint inventor of a claimed invention in the application for which a patent is sought on the invention entitled:

私は、下記の名称の発明について、特許が求められている、本願の請求項に係る発明のもともとの発明 者、または、もともとの共同発明者である:

EPOXY RESIN, CURABLE RESIN COMPOSITION, CURED PRODUCT, SEMICONDUCTOR ENCAPSULATING MATERIAL, SEMICONDUCTOR DEVICE, PREPREG, CIRCUIT BOARD, BUILDUP FILM, BUILDUP SUBSTRATE, FIBER-REINFORCED COMPOSITE MATERIAL AND FIBER-REINFORCED MOLDED ARTICLE

This declaration is directed to: この宣誓書は:

□ the attached application, or 添付された出願、または

☑ United States application number or PCT international application number <u>PCT/JP2015/052135</u> filed on January 27, 2015. ______に出願された米国出願もしくはPCT国際出願番号______に宛てられている。

The above-identified application was made or authorized to be made by me.

上記の出願は、私自身、または私が権限を授与したものによって行われたものである。

In the event that the filing date and/or application number are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the registered practitioners of McDermott Will & Emery LLP, associated with the Customer Number 20277, to insert above the filing date and/or application number of the application.

私がこの文書に署名する際に出願日および/または出願番号が記入されていない場合であって、その情報が必要であると認められる場合、私は、カスタマーナンバー20277のMcDermott Will & Emery LLPの登録実務家が、本願の出願日および/または出願番号を記入すること承認する。

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

本宣誓書において、故意に虚偽の申立を行った場合は、18 U.S.C. 1001により、罰金、最高5年の禁固刑、またはその両方の対象となることを認める。

> PATENT REEL: 041758 FRAME: 0067

ASSIGNMENT 該波書

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned, who have made a certain new and useful invention, hereby sell, assign and transfer unto

DIC CORPORATION

having an address at 35-58, Sakashita 3-chome, Itabashi-ku, Tokyo, JAPAN 174-8520 (hereinafter designated as the Assignee), its successors and assigns the entire right, title and interest for the United States of America as defined in 35 U.S.C. § 100 in the invention described in the application identified in this document, and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the Assignee, for its interest as Assignee, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in the application shall hereafter act on behalf of the Assignee;

新規かつ有用な発明をした署名者は、既述の事項および有効な約因が十分であることを確認し、ここに、上記の住所を持つ譲受人、その相続人および承継人に対し、この文書で特定された出願に開示された 発明につき、35 U.S.C.

§100で定義されるアメリカ合衆国における、全ての権利、所有権、および利益を譲渡し、署名者は、特 許庁長官に対し、その発明についての全ての米国特許権、および全ての存続期間の延長特許、分割出願 の特許、再発行特許、代替出願の特許、更新出願の特許、継続出願の特許、または一部継続出願の特許 の発行を要請し、さらに、工業所有権の保護に関する国際条約の下で認められる全ての利益に対する権 利を、譲受人、その相続人、その承継人に譲渡および移転する。署名者は、本願の代理人が、譲受人を 代理することに同意する。

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the Assignee, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the Assignee, its successors, assigns and legal representatives, deemed essential to Assignee's full protection and title in and to the invention hereby transferred.

署名者は、類似の権利を譲渡することに同意し、譲受人、その相続人、承継人、および法定代理人の求 めにより、さらなる報酬を要求することなく、上記発明に関連して得られる改良発明、その改良発明に 基づく特許出額について、出顧の作成、最初の特許、その分割出願の特許、再発行特許、および延長特 許を米国において取得するための全ての必要な援助を行うこと同意すると共に、譲受人、その相続人、 承継人、および法定代理人によって作成された、譲受人がここで譲渡される発明の保護と権利に必須と 思われるいかなる文書に署名することに同意する。

Attorney Docket No. 086746-0087

Legal name of first inventor Yousuke HIROTA Date First inventor's signature Hirota 1 Dec. 7, 20/6 -Legal name of second inventor Takamitsu NAKAMURA Date Second inventor's signature 6 Nakammed Dec. 2,2016 Legal name of third inventor Yutaka SATOU Third inventor's signature Date las Dec. 7. 20

RECORDED: 03/28/2017