PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MASATOSHI ARAI	06/12/2019
TAKAYA MAEHASHI	06/12/2019
KOSHI ONISHI	06/12/2019

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16441652

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NAME OF SUBMITTER:	NEIL S. BARTFELD
SIGNATURE:	/Neil S. Bartfeld/
DATE SIGNED:	06/21/2019

Total Attachments: 2

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PATENT REEL: 049555 FRAME: 0183 505538883

COMBINED DECLARATION & ASSIGNMENT UNDER 37 CFR 1.63(e)

Attorney Reference No.: SHIGA7.489AUS

☐ Was filed on

Page 1 of 2

Title: RESIST COMPOSITION AND METHOD OF FORMING RESIST PATTERN

Legal Names of All Inventors: Masatoshi ARAI; Takaya MAEHASHI; and Koshi ONISHI

Please Direct All Correspondence to Customer Number 20995

Declaration of Inventors

As	an	indivi	idual	ex	ecutii	ng	this	De	clarat	ion,	her	eby	d€	eclare	tha	ıt:	
mps I					10							**					

This Declaration is directed to the invention identified above that: (check one)

is aπached, v	where "attached" means filed concurrently with.
Was filed on	as U.S. Application No.

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

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

as International Application No.

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.

Assignment from Inventors

WHEREAS, the inventor(s) identified above (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries while under an obligation to assign related to the title identified above (collectively hereinafter referred to as the "Work") for which the application identified above has been or will be filed (hereinafter the "Application").

AND WHEREAS, <u>TOKYO OHKA KOGYO CO., LTD.</u> with its principal place of business at <u>150. Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 Japan</u> (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 of which receipt 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 patent properties filed or Issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all p	rovisional	applications	relating	thereto	(including	but not	limited	to U.S.	Provisional	Application
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all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, 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.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and 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

PATENT REEL: 049555 FRAME: 0184

COMBINED DECLARATION & ASSIGNMENT UNDER 37 CFR 1.63(e)

Attorney Reference No.: SHIGA7.489AUS

Page 2 of 2

Title:

RESIST COMPOSITION AND METHOD OF FORMING RESIST PATTERN

Legal Names of All Inventors: Masatoshi ARAI; Takaya MAEHASHI; and Koshi ONISHI

Please Direct All Correspondence to Customer Number 20995

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 Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, 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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RECORDED: 06/21/2019