

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5464294

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TETSUMASA TAKAICHI	01/15/2019
SHUNJI KAWATO	01/15/2019
MASATO SUZUKI	01/15/2019
KAZUMICHI AKASHI	01/15/2019
TOMOHIDE KATAYAMA	01/15/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AZ ELECTRONIC MATERIALS (LUXEMBOURG) S.A.R.L.
<b>Street Address:</b>	46 PLACE GUILLAUME II
<b>City:</b>	LUXEMBOURG
<b>State/Country:</b>	LUXEMBOURG
<b>Postal Code:</b>	1648
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16340413
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(302)351-6938
<i>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.</i>	
<b>Phone:</b>	302-467-4200
<b>Email:</b>	Amy.Hamm@DBR.com
<b>Correspondent Name:</b>	ASHLEY I. PEZZNER
<b>Address Line 1:</b>	DRINKER BIDDLE & REATH LLP
<b>Address Line 2:</b>	222 DELAWARE AVE.
<b>Address Line 4:</b>	WILMINGTON, DELAWARE 19801
<b>ATTORNEY DOCKET NUMBER:</b>	216138-0026-US-587559
<b>NAME OF SUBMITTER:</b>	ASHLEY I. PEZZNER
<b>SIGNATURE:</b>	/Ashley I. Pezzner/
<b>DATE SIGNED:</b>	04/09/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 5**

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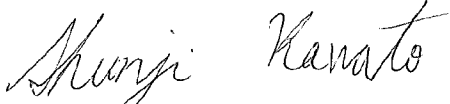
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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT	
<b>Title of Invention</b>	Chemically amplified positive photoresist composition and pattern forming method using same
<p>As the below named Inventor, I hereby declare that:</p> <p>This declaration    <input type="checkbox"/> The attached application, or</p> <p>is directed to:       <input checked="" type="checkbox"/> United States application or PCT international application number PCT/EP2017/075738 filed on October 10, 2017.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>WHEREAS, AZ Electronic Materials (LUXEMBOURG) S.A.R.L. having a place of business at: 46 Place Guillaume II 1648 Luxembourg, Luxembourg</p> <p>(hereinafter referred to as "ASSIGNEE(S)")</p> <p>is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;</p> <p>NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.</p> <p>I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors and assigns, 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 held by me had this Assignment and sale not been made.</p> <p>Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.</p> <p>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.</p>	
LEGAL NAME OF INVENTOR	
Inventor: Tetsumasa TAKAICHI	Date: 15. Jan., 2019
<p>Signature: <i>Tetsumasa Takaichi</i></p>	

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LEGAL NAME OF INVENTOR	
Inventor: Shunji KAWATO	Date: 15 Jan, 2019
<p>Signature: </p>	

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LEGAL NAME OF INVENTOR	
Inventor: Masato SUZUKI	Date: 15 <sup>th</sup> Jan. 2019
<p>Signature: </p>	

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LEGAL NAME OF INVENTOR	
Inventor: Kazumichi AKASHI	Date: 15. Jan, 2019
<p>Signature: </p>	

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LEGAL NAME OF INVENTOR	
Inventor: Tomohide KATAYAMA	Date: Jan. 15, 19
<p>Signature: 片山 明夫</p>	