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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
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JAEHYUN KIM	11/07/2018
YOONG HEE NA	11/07/2018
RAN NAMGUNG	11/07/2018
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16211114

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DATE SIGNED: 12/05/2018	

Total Attachments: 3

PATENT REEL: 047685 FRAME: 0275

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PATENT REEL: 047685 FRAME: 0276

INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

PATENT

Title of Invention:

SEMICONDUCTOR RESIST COMPOSITION, AND METHOD OF

FORMING PATTERNS USING THE COMPOSITION

Docket No.:

162023

NTORS	DECL	A D A	TION

As a	below named inventor, I hereby declare that:
This	declaration is directed to the attached application unless the following is checked:
	United States Application or PCT International Application Numberfiled on

The above-identified application was made or 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 above-identified application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I 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

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Kyung Soo MOON, Jaehyun KIM, Yoong Hee NA, Ran NAMGUNG, Hwansung CHEON, and Seungyong CHAE

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) SAMSUNG SDI CO., LTD.

having a place of business at

- (3) <u>150-20 Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do 17084, Republic of Korea</u> (hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled
- (4) <u>SEMICONDUCTOR RESIST COMPOSITION, AND METHOD OF FORMING PATTERNS USING THE COMPOSITION</u>

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본 정보는 삼성SDI 정보자산 관리책임자의 허가없이 출력,배포,반출을 할 수 없으며, 위규시 관련법령에 의거하여 인사상 불이익을 받을 수 있습니다.

INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Docket No.: 162023	
which application executed on even date herewith or was (a) executed on (5a):; (b) filed on (5b): December 5, 2018 , Application No.: 16/211,114 ;	(LEWIS ROCA ROTHGERBER CHRISTIE LLP, P.O. Box 29001, Glendale, CA 91209-9001) is hereby authorized to insert in (b) the specified data, when known.
including any and all United States Patents which and all extensions, divisions, reissues, substitute and patents, and the right to all benefits under all industrial property and applications for said impro	s, renewals or continuations of said application I international conventions for the protection of
It is hereby authorized and requested that the Co Letters Patent, when granted, to said ASSIGNEE designee.	
Upon said consideration, it is further agreed that, expense of said ASSIGNEE, the undersigned will renewal, and reissue patent applications; execute everything possible which said ASSIGNEE shall maintaining patent protection as provided herein	Il execute all divisional, continuing, substitute, e all rightful other papers; and generally do consider desirable for aiding in securing and
Kyung Soo MOON	Nov. 1. 2018
Legal Name of Inventor Signature	Date
Jaehyun KIM	Har 1,241 f
Legal Name of Inventor	Date
Signature	
Yoong Hee NA Legal Name of Inventor	N.V. 7. 2018 Date
Signature 9_0 5	

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INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION Docket No.: 162023		
Ran NAMGUNG Legal Name of Inventor Legal Name of Inventor Signature	Date N. >018	
Hwansung CHEON Legal Name of Inventor Signature	Nov. 7. 2018 Date	
Seungyong CHAE Legal Name of Inventor	Nον, η, 2ο18 Date	

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