## 502487197 09/09/2013

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYA	ANCE:	ASSIGNMENT		
CONVEYING PARTY D	ATA			
		Name	Execution Date	
Ki Jong KIM			09/09/2013	
RECEIVING PARTY DA	λΤΑ			
Name:	ASM IP Holding B.	V.		
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Property Ty Application Number:		Number 20988		
		20988		
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PATENT REEL: 031161 FRAME: 0994

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## **COMBINED DECLARATION AND ASSIGNMENT (37 CFR 1.63)**

As the below named inventor, I hereby declare that this Declaration is directed to:

## TITLE: DEPOSITION APPARATUS AND METHOD OF DEPOSITING THIN FILM USING THE SAME

(a) [x] is attac		, (b) or (c)) demark Office on	and assim	ned Serial No.:
(b) [ ] was in	a iresito otota atom a ma	domain omos on	and assign	rica ochas riot
and was ame	nded on			(if applicable).
(c) [ ] was de:	scribed and claimed in PC I	I International Application N	10.	
filed on	and as an	nended under PCT Article 1	9 on	(if any).
	` .	ade or authorized to be mad or an original joint inventor	•	l invention in the
WHEREAS,				
ASSIGNEE:	ASM IP Holding B.V.			
ADDRESS:	Versterkerstraat 8, 1322	2 AP Almere, The Netherla	ınds	

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;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, 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.

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 as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, 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.

Further, I agree that I will communicate to said ASSIGNEE 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, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, 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.

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I hereby adknowledge 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.

Address all correspondence and telephone calls to LEXYOUME IP MEISTER, PLLC., 5180 Parkstone Drive, Suite 175, Chantilly, Virginia 20151; Telephone: (703) 263-9390; Fax: (703) 263-9361, Customer No. 66390.

Signature:	$-q/\sim$		Date:	September 9, 2013	
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