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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
JI HYE KIM	12/29/2014
FUFANG ZHA	12/29/2014
YOUNG LIM KOO	12/29/2014
GYU HONG MIN	12/29/2014
HYOUNG WOOK AHN	12/29/2014
BYUNG KOOK HWANG	12/29/2014

RECEIVING PARTY DATA

Name:	SAMSUNG SDI CO., LTD.
Street Address:	150-20, GONGSE-DONG, GIHEUNG-GU
City:	YONGIN-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	446-577

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14587658

CORRESPONDENCE DATA

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CHRISTIE, PARKER & HALE, LLP **Correspondent Name:**

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DATE SIGNED:	12/31/2014	
DATE SIGNED:	10/01/0014	
SIGNATURE:	/Renne M.F. Wyzykowski/	
NAME OF SUBMITTER:	RENNE M.F. WYZYKOWSKI	
ATTORNEY DOCKET NUMBER:	76300/S744	

Total Attachments: 3

PATENT REEL: 034609 FRAME: 0048

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PATENT REEL: 034609 FRAME: 0049

INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

PATENT

Title of Invention:

AERATOR DEVICE AND FILTER SYSTEM INCLUDING THE SAME

Docket No.: 76300/\$744

INVENTOR'S DECLARATION

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) Ji Hye Kim, Fufang Zha, Young Lim Koo, Gyu Hong Min, Hyoung Wook Ahn, and Byung Kook Hwang

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

(2) SAMSUNG SDI CO., LTD.

having a place of business at

- (3) 150-20, Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do 446-577, Republic of Korea (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) AERATOR DEVICE AND FILTER SYSTEM INCLUDING THE SAME

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INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

FOR PATENT APPLICATION Docket No.: 76300/S744		
which application executed on even date herewith or was (a) executed on (5a):; (b) filed on (5b): December 31, 2014, Application No.: 14/587,658	(CHRISTIE, PARKER & HALE, 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 impre-	s, renewals or continuations of said application il international conventions for the protection of	
It is hereby authorized and requested that the Co Letters Patent, when granted, to said ASSIGNE designee.		
Upon said consideration, it is further agreed that expense of said ASSIGNEE, the undersigned warenewal, and reissue patent applications; executively everything possible which said ASSIGNEE shat maintaining patent protection as provided herein.	ill execute all divisional, continuing, substitute, ite all rightful other papers; and generally do Il consider desirable for aiding in securing and	
Ji Hye Kim Legal Name of Inventor	Dec. 29, 2014 Date	
Signature		
Fufang Zha Legal Name of Inventor	Dec. 27, 2014 Date	
VVue Signature		

INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION		
Docket No.: 76300/S744		
Young Lim Koo Legal Name of Inventor	Dec. 29, 2014.	
Younglie Koo	Date	
Signature	-	
Gyu Hong Min	<u>Dec. 29 2014</u>	
Legal Name of Inventor	Date	
りしつる	~	
Signature		
Hyoung Wook Ahn Legal Name of Inventor	<u>Pec -29 , 2014</u> Date	
05%/73		
Signature		
Byung Kook Hwang Legal Name of Inventor	Dec. 29, 2014 Date	
El 18mm		
Signature		
WITNESSES:		
PASW PASITINGTA 1.*-17774/14 10/38 AM		

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RECORDED: 12/31/2014