

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SEOK MAN HONG	12/24/2015
SUNG JIN PARK	12/24/2015
DONG WOOK KIM	12/24/2015
KI HWAN KWON	12/24/2015
DONG WOO HA	12/24/2015
JIN WOOK YOON	12/24/2015
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU, GYEONGGI-DO
City:	SUWON-SI
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14987924
CORRESPONDENCE DATA	
Fax Number:	(202)434-1501
<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>	
Phone:	202-434-1500
Email:	lsivatko@s-n-h.com
Correspondent Name:	STAAS & HALSEY LLP
Address Line 1:	1201 NEW YORK AVENUE, N.W.
Address Line 2:	SUITE 700
Address Line 4:	WASHINGTON, D.C. 20005
ATTORNEY DOCKET NUMBER:	2494.1318
NAME OF SUBMITTER:	T, BRIAN BELL
SIGNATURE:	/T. Brian Bell/
DATE SIGNED:	01/05/2016

Total Attachments: 1

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U.S. ASSIGNMENT

3001 (1-10)

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD.
129, Samsung-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do 16677
Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

DRUM FOR CLEANER AND CLEANER HAVING THE SAME

relating to International Patent Application PCT/_____/_____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____

(insert date of execution of application, if not concurrent)

(b) filed on _____ TBA

Serial No. TBA;

Any registered attorney or patent agent of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue, reviews (including inter partes review, post grant review and covered business method review) or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) <u>Seok Man Hong</u> Seok Man HONG	<u>Dec. 24, 2015</u>	_____
2) <u>Gung Jin Park</u> Sung Jin PARK	<u>Dec. 24, 2015</u>	_____
3) <u>Dong Wook Kim</u> Dong Wook KIM	<u>Dec. 24, 2015</u>	_____
4) <u>Ki Hwan KWON</u> Ki Hwan KWON	<u>Dec. 24, 2015</u>	_____
5) <u>Dong Wook Ha</u> Dong Wook HA	<u>Dec. 24, 2015</u>	_____
6) <u>Jin Wook YOON</u> Jin Wook YOON	<u>Dec. 24, 2015</u>	_____
7) _____	_____	_____

PATENT