PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hung-joon OH	11/09/2007

RECEIVING PARTY DATA

Name:	Samsung Electronics Co., Ltd	
Street Address:	416 Maetan-dong, Yeongtong-gu	
City:	Suwon-si, Gyeonggi-do	
State/Country:	REPUBLIC OF KOREA	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11954691

CORRESPONDENCE DATA

Fax Number: (202)775-1901

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-775-1900

Email: patent@snkiplaw.com

Correspondent Name: STANZIONE & KIM, LLP

Address Line 1: 919 18TH STREET, N.W.

Address Line 2: SUITE 440

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20006

ATTORNEY DOCKET NUMBER: 102-1470

NAME OF SUBMITTER: Seungman Kim

Total Attachments: 1

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PATENT REEL: 020233 FRAME: 0649

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Docket No.: 102-1470

U.S. ASSIGNMENT

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. 416 Maetan-dong, Yeongtong-gu Suwon-si, Gyeonggi-do 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

IMAGE FORMING DEVICE TO PERFORM A SYSTEM DIAGNOSIS AND METHOD THEREOF			
relating to International Patent Application PCT/was executed on even date herewith or, if not so execute	and/or for which application for Letters Patent of the United States d, was:		
a) executed on	.; (Insert date of execution of application, if not concurrent)		
b) filed on	٠		
Serial No	*** Any registered attorney of Stanzione & Kim, LLP, 919 18th Street, N.W., Washington, D.C. 20006, is hereby authorized to insert in section (b) above the specified data, when known.***		
substitute, reissue or reexamination application based the	nited States granted on said application and any continuation, division, renewal ereon, for the full term or terms for which the said Letters Patent(s) may be ly, hereinafter, "said application(s) and Letters Patent(s)").		
ASSIGNEE, to do all acts which the ASSIGNEE maintaining and enforcing protection for said investigation(s) and the issuance of said Letters Pate proceeding, and in any litigation or other legal pro-	ASSIGNEE and without charge to but at the expense of said may deem necessary, desirable or expedient, for securing, antion, including in the preparation and prosecution of said ent(s), in any interference, reissue, reexamination, or public use acceding which may arise or be declared in relation to same, such acts including separate assignments and declarations, taking all rightful and producing evidence.		
IN WITNESS WHEREOF, the undersigned inven	tor(s) has (have) affixed his/her/their signature(s).		
(Typed Name & Signature of Inventor(s))	(Date)		
Hung-joon OH	Nov 9, 2017		
2)			
3)			
4)			

位置的信息转列运输工制量位量征制能(4000年)之间 化焊针压力 影響 基

RECORDED: 12/12/2007

REEL: 020233 FRAME: 0650