10 - 19 - 2007 R SHEET	01PE 40 10 10 0	007	Atty. Docket No.: 6668-000021/0 Page 1 of	
To Plei 103454739 and Trademarks: s or copy thereof. 1. Name of conveying party(ies): (1) Byung-Guk KIM, (2) Lee-Sup KIM and (3) Kwang Il PARK Additional name(s) of conveying party(ies) attached? YES NO	/ %\		R SHEET	
Additional name(s) of conveying party(ies) attached? YES No	To Ples 103454			
International Address: 416, Maetan-dong, Yeongtong-lead	Name of conveying party(ies):	2. Name	and address of receiving party(ies)	
Additional name(s) of conveying party(ies) attached? YES NO Nature of conveyance: Assignment Merger Country: Republic of Korea Postal Code: Additional name(s) & address(es) attached? YES NO Other:	(1) Byung-Guk KIM, (2) Lee-Sup KIM and	Name:	SAMSUNG ELECTRONICS CO., LTD.	
City: Suwon-si State: Gyeonggi-do Country: Republic of Korea Postal Code: Additional name(s) & address(es) attached? Additional name(s) & address(es) attached? YES NO Country: Republic of Korea Postal Code: Additional name(s) & address(es) attached? YES NO B. Patent No.(s). 11/826,511 Additional numbers attached? YES NO Additional name(s) & address(es) attached? YES NO B. Patent No.(s). 11/826,511 Additional numbers attached? YES NO Country: USA B. Patent No.(s). Total fee (37 C.F.R. § 3.41): \$40.00 Enclosed Authorized to be charged to deposit account, if no fee attached. S. Deposit account number: 08-0750 (Attach triplicate copy of this page if paying by deposit account)	Additional name(s) of conveying party(ies) attached?	Interna	ntional Address: 416, Maetan-dong, Yeongtong-g	
Security Agreement		City: S	Suwon-si State: Gyeonggi-do	
□ Other: Execution Date: (1) 10/04/2007, (2) 10/09/2007 and 3) 10/11/2007 Application number(s) or patent number(s): f this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s). B. Patent No.(s). 11/826,511 Additional numbers attached? □ YES ☒ NO 5. Name and address of party to whom correspondence concerning document should be mailed: Name: HARNESS, DICKEY & PIERCE, P.L.C. Street Address: P.O. BOX 8910 City: RESTON State: VA ZIP: 20195 Country: USA (Attach triplicate copy of this page if paying by deposit account)		Countr	ry: Republic of Korea Postal Code:	
Execution Date: (1) 10/04/2007, (2) 10/09/2007 and (3) 10/11/2007 A Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s). I1/826,511 Additional numbers attached? YES NO S. Name and address of party to whom correspondence concerning document should be mailed: Name: HARNESS, DICKEY & PIERCE, P.L.C. Street Address: P.O. BOX 8910 City: RESTON State: VA ZIP: 20195 Country: USA B. Patent No.(s). 6. Total No. of applications/patents involved: One (1) 7. Total fee (37 C.F.R. § 3.41): \$40.00 Enclosed Authorized to be charged to deposit account, if no fee attached. 8. Deposit account number: 08-0750 (Attach triplicate copy of this page if paying by deposit account)	☐ Security Agreement ☐ Change of Name	Additional	name(s) & address(es) attached? YES NO	
(3) 10/11/2007 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s). 11/826,511 Additional numbers attached? No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: HARNESS, DICKEY & PIERCE, P.L.C. Street Address: P.O. BOX 8910 City: RESTON State: VA ZIP: 20195 Country: USA B. Patent No.(s). B. Patent No.(s). 6. Total No. of applications/patents involved: One (1) 7. Total fee (37 C.F.R. § 3.41): \$40.00	Other:			
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October 16, 2007

Date

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Gary D. Yacura/Reg. No. 35,416

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PATENT REEL: 020008 FRAME: 0813

resulting therefrom;

Atty, Docket No. 6668-000021/US

ASSIGNMENT

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

MULTI-PHASE SIGNAL GENERATOR AND METHOD THEREOF

(b) ☐ executed on,; or (c) ☒ filed on 7-16-2007, and assigned Serial No. 11//826.5° International Application No;	
• • • • • • • • • • • • • • • • • • • •	
	1 or PC7
(d) U.S. Patent No, issued; and	

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

The undersigned hereby grant(s) the law firm of Hamess, Dickey & Pierce, P.L.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Palent and Trademark Office for recordation of this document.

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Atty. Docket No. 6668-000021/US

ASSIGNMENT

Byung-Guk KIM

Oct. 4th 2001

Dated

Lee-Sup KIM

Oct. 9th, 2007

Dated

Kwang-II PARK

Dated Oct (The Dated

Page 2 of 2

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