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> 6. Total number of applications and patents involved: __1 7. Total fee (37 CFR 3.41).....(\$ 40.00 per Patent or Application in Assignment) \boxtimes **Enclosed** Authorized to be charged to credit card. Authorized to be charged to deposit account.

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PATENT REEL: 031519 FRAME: 0610

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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 Electro-Mechanics Co., Ltd. 150, Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of KOREA

Postal code: 443-743

(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

SELF-OSCILLATION CIRCUIT HAVING MEANS FOR ELIMINATING QUADRATURE ERROR AND METHOD FOR ELIMINATING QUADRATURE ERROR USING THE CIRCUIT

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(a) executed on;	(Insert date of execution of application, if not concurrent)
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1) Chang Hyun Kinn KIM, Chang Hyun	Sep. 10th, 2013

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