# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Chang Hyun Lim	08/17/2011
Young Ki Lee	08/17/2011
Kwang Soo Kim	08/17/2011
Seog Moon Choi	08/17/2011

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# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13247603

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Total Attachments: 3

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> PATENT REEL: 027003 FRAME: 0606

OP \$40,00 13247603

Attorney's Docket NoB-7	'163 626	6644-2	Patent
Auditey's Docket No	For: [X For: [ ]	[] U.S. and/or [] Foreign Rights [] U.S. Application or [] U.S. Patent [] PCT Application [] Inventor(s) or [] Present <u>Owner</u>	
ASSI	GNMENT	OF INVENTION	
	GNEE to AS	SIGNOR of the sum of One Dollar (\$1.00),	the receipt of
ASSIGNORS: (inventor(s) or person(s) or entity(ies) who own the invention)	(1)	LIM, Chang Hyun (type or print name(s) of ASSIGNOR(S)	
carry (ces) who own the invention,		101-5202, Hiperion, Mok 1-dong, Yangcheon-gu, Seoul 158-724,	
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	•	Korea (Nationality)	

PATENT REEL: 027003 FRAME: 0607

(Assignment of Invention [16-3]--page 1 of 5)

hereby confirm that ASSIGNORS sell, assign and transfer to

ASSIGNEE:	SAMSUNG ELECTRO-MECHANICS CO., LTD. (type or print name(s) of ASSIGNEE(S)
	314, Maetan 3-dong, Yeongtong-gu,
	Suwon, Gyunggi-do 443-743, Korea
	(Address)
	Korea (Nationality)
and the successors, assigns and legal repre (complete one	sentatives of the ASSIGNEE of the following)
[X] the entire right, title and interes	t
[ ] an undivided perce	ent (%) interest for the
United States and its territorial possessions	
(check the following box if foreign rights a	re also to be assigned)
[ ] and in all foreign countries, incl	uding all rights to claim
priority, in and to any and all improvemer entitled:	ats which are disclosed in the invention
	KAGE AND METHOD FOR MANUFACTURING THE
SAME (check and complete (a) (b)	(c) or (d)) and which is found in
(a) [ ] U.S. patent application execu	
(b) [ ] U.S. patent application execu	
- · · · · · · · · · · · · · · · · · · ·	for recordal of this assignment, I, an
ASSIGNOR signing below, hereby	authorize and request my attorney, as named torney I executed for this invention on the
	rt below the filing date and application
number when it becomes known.	
(c) [ ] U.S. Application serial no (d) [ ] International application no.	filed on
(e) [ ] U.S. Patent no issue	d
[] A change of address to which commaintenance fees is being sent separately.	respondence is to be sent regarding patent
(also check (F) if foreign application	n(s) is also being assigned)
claim priority and, in and to, all Letters Pat	ision, renewal, or substitute thereof, and as to
ASSIGNORS hereby covenant that encumbrance has been or will be made or eassignment;	no assignment, sale, agreement or entered into which would conflict with this
	ASSIGNEE will, upon its request, be and documents relating to said invention and
	(Assignment of Invention [16-3]page 2 of 5)

PATENT REEL: 027003 FRAME: 0608 said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

1) th	_day of	August.	, 2011 (date of signing).
			LIM, Chang Hyun
			Name of Assignor(s)
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			Signature of ASSIGNOR(S)
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			LEE, Young Ki
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<u>17th</u>	_day of	August	ve hereunto set hand and seal thing, 2011 (date of signing).  KIM, Kwang Soo Name of Assignor(s)  Signature of ASSIGNOR(S)
<i>I∏±</i> h N WITNE	day of_	August REOF, I/We ha	ve hereunto set hand and seal thing, 2011 (date of signing).  KIM, Kwang Soo Name of Assignor(s)  Signature of ASSIGNOR(S)  ve hereunto set hand and seal thing
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(Assignment of Invention [16-3]--page 3 of 5)

PATENT REEL: 027003 FRAME: 0609

**RECORDED: 10/02/2011**