09-13-2007



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U.S. DEPART	MENT OF CO	MMERCE

	To the Director of the U.S. Patent and T 103445014		
1.	Name of conveying party(ies): (1) Suk-Hyeon CHO (2) Je-Gwang YOO (3) Byung-Moon KIM (4) Han-Seo CHO		
2.	Name and Address of receiving party(ies): SAMSUNG ELECTRO-MECHANICS CO., LTD. 314, Maetan3-Dong, Yeongtong-Gu, Suwon, Gyunggi-Do, Korea 443-743		
3.	Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other: Execution Date(s): (1), (2), (3), (4), August 24, 2007		
4.	Application number(s) or patent number(s): ☑ This document is being filed together with a new application.		
	OR This document is being filed after filing of the application: (a) Patent Application No(s)., filed; or (b) Patent No(s)., issued.		
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1937.1127 Attention: David M. Pitcher 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005		
6.	Total number of applications and patents involved:1		
7.	Total fee (37 CFR 3.41) (\$ 40.00 per Patent or Application in Assignment) ☑ Enclosed ☐ Authorized to be charged to deposit account.		
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account) (99/86/2007 SZEWDIE1 00000018 11896769		
<u>Dav</u> Nar	rid M. Pitcher, Reg. No. 25,908 ne of Person Signing Total number of pages including cover sheet: 2		

REEL: 019839 FRAME: 0245

U.S. ASSIGNMENT

Docket No.

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))

RECORDED: 09/05/2007

SAMSUNG ELECTRO-MECHANICS CO., LTD. 314, Maetan3-Dong, Yeongtong-Gu, Suwon, Gyunggi-Do, KOREA 443-743

(hereinster, *ASSIGNEE*), the receipt of which is hereby adjaced, the undersigned ASSIGNOR her

transfers to ASSIGNEE the emile and exclusive rig (Title of invention)	ght, title and interest to the inve	ntion entitled			
METHOD OF MANUFACTURING A CO	MPONENT EMBEDDE	PRINTED CIRCUIT BOARD			
relating to international Patent Application PCT/JP States was executed on even date herewith or, if r	and/or for w	frich application for Letters Patent of the United			
(a) executed on:	(Insert date of exoc	ution of application, if not concurrent)			
(b) filed on	Avenue, N.W., Sults	ney of STAAS & HALSEY U.P., 1201 New York o 700 Washington, D.C. 20005 (202434-1500) is o 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, relaxus 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(a), 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, destrable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(a) and the issuance of said Letters Patent(a), 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 caths, providing swom testimony, and obtaining and producing evidence.					
IN WITNESS WHEREOF, the undersigned inve (Typed Name & Signature of Inventor(s))	(Date)	(Typed Name & Signature of Wilness(48)			
1) Suk-Hyeon Cho Suk-Hyeon CHO	August 24. 2007	Jug Hyo Jin			
2) Le - Ewang You	August 24 m 7	Jang Hye Jan			
3) Byung Moon Kim Byung-Moon Kim	purnet 24.2007	Jung Hyo Jin			
4) Han Seo Cho	Angust 24,200)	Jung Hyu Jin			
☐ Additional inventors are being named on	separately numbered shee	ets attached hereto.			

PATENT

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