IN THE UN



MARK OFFICE

BOX PATENT APPLICATION Assistant Commissioner for Patents Washington, D.C. 20231

Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1.	Name of party(ies) conveying an interest:	Seong-Chan HAN, Dong-Woo SHIN, Dong LEE and Wang-Jae LEE	N, Dong-Chun	
2.	Name and address of party(ies) receiving an interest:	Samsung Electronics Co., Ltd. 416 Maetan-dong, Paldal-ku, Suwon-City Kyungki-do KOREA	C PTO	
3.	Description of the interest conveyed:		9523 9523	
	Assignment 🗌 Change of Name 🗌 Security Agree		11036 09/1	
	Date of execution of attached document: September 4, 20	001		
4.	Application number(s) or patent number(s). Additional sheet attached? Yes No			
If this 2001	document is being filed together with a new application, the	he execution date of the application is: Septer	nber 12,	
	A. Patent Application No.	B. Patent No.		
5.	Name and address of party to whom correspondence concerning document should be mailed:			
	MARGER JOHNSON & McCOLLOM, P.C. 1030 S.W. Morrison Street Portland, Oregon 97205 Telephone: (503) 222-3613			
6.	Number of applications and patents involved: 1			
7.	Enclosed is our check for \$40.00			
8.	Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.			
9.	To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.			
	Dated: September 12, 2001			
	- Respectf	ully submitted		

MARGER JOHNSON & McCOLLOM, P.C. 1030 SW Morrison Street Portland, OR 97205 (503) 222-3613

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Respectfully submitted, MARCER JOHNSON & McCOLLOM, P.C.

Alan T. McCollom Reg. No. 28,881

Total number of pages comprising cover sheet and attached assignment: 3

PATENT REEL: 012197 FRAME: 0226

PATENT APPLICATION Atty's Do. No. 9903-25 Yoon & Lee Ref. No.:S01US008-US

ASSIGNMENT

U.S.A. Patent Application Sole or Joint For Inventions Made Outside U.S.A. Executed With Application

In consideration of the sum of Ten Dollars (10.00) and other good and valuable considerations paid to each of the undersigned, to wit:

- (1) Seong-Chan HAN
- (2) Dong-Woo SHIN
- (3) Dong-Chun LEE
- (4) Wang-Jae LEE

X if continued on separate page

the receipt and sufficiency of which are hereby acknowledged by the undersigned who hereby scil(s), assign(s) and transfer(s) unto:

SAMSUNG ELECTRONICS CO., LTD. 416 MAETAN-DONG, PALDAL-KU SUWON-CITY, KYUNGKI-DO REPUBLIC OF KOREA

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States Of America as defined in 35 U.S.C. §1.00, in and to the invention known as:

HEAT SINK PROVIDED WITH COUPLING MEANS MEMORY MODULE ATTACHED WITH HEAT SINK AND MANUFACTURING METHOD THEREOF

for which an application for Letters Patent of the United States of America has been executed even date herewith by the undersigned, and in and to any and all divisionals, continuations, substitutes, and reissues thereof; and all resulting patents and the undersigned hereby authorizes and requests the United States Assistant Commissioner of Patents to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

And the undersigned hereby agrees to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

PATENT REEL: 012197 FRAME: 0227

Please sign <u>concurrently</u> with Oath or Declaration and Power of Attorney

SIGNED ON THE DATES INDICATED BESIDE OUR SIGNATURES:

INVENTOR(S)	DATE SIGNED	WITNESSED
(1) <u>Seeng-Chan</u> HAN Seong-Chan HAN	2001.09.04	
(2) <u>Dong - WOO</u> SHIN Dong-Woo SHIN	2001.09 02	
(3) <u>Song Chim Lee</u> Dong-Chun LEE	2001.09.04	
(4) Wang Jae LEE Wang-Jae LEE	2011 cp. ox	

FOR ADDITIONAL INVENTORS, "X" BOX AND CONTINUE ON SEC- 2,005

PLEASE RETURN RECORDED ASSIGNMENT TO:

Alan T. McCollom Marger Johnson & McCollom 1030 S.W. Morrison Street Portland, OR 97205

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PATENT REEL: 012197 FRAME: 0228

RECORDED: 09/12/2001