P. 02/05

Docket No.: SUN-0047

	RM COVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
1 PTO-1505 (Modeled) RECORDATION FOR	e ONI Y
03-01) No. 0051-0027 (0xp 5/31/2002) PATEN I	5 UNL 1
/R(2V03	Places record the attached original documents or copy thereof.
b sottings * * * * To the Director of the United States Patent and Trademark Office	e: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies):
Name of conveying party(ics):	Name: SAMSUNG ELECTRONICS CO., LTD.
Min-Hyonk LEE Hyun-Scop KIM	Address: 416 Mactan-dong, Yeongtong-gu
Chang-Ilwan HWANG	Address: 410 Machae Sales
Additional names(s) of conveying party(los)	
Additional names(s) of carriers and a second	
□ Merdef	Gyconggi-do Gyconggi-do
	City: Suwon-si State/Prov.: Gyconggi-do
(i) Security Agreement	Country: KOREA ZIP:
☐ Other	Yes No
Execution Date: July 19, 2004	Additional frame(s) & description
4. Application number(s) or patent numbers(s): If this document is being filed together with a new application Patent Application No. Filing date 29/204,350 4-28-2004	B. Patent No.(s)
Additional num	bors Yes 🖾 No
I design of party to whom correspondence	6. Total number of applications and patents involved:
concerning document and a second	
Name: JaeY.Park	. re-to-ov should be
Pagintration No. PLEASE SEE ATTACHED	credited or debited to deposit account
Address: Cantor Colburn LLP	Authorized to be charged to deposit account
55 Griffin Road South	8. Deposit account number:
	06-1130
City: Bloomfield State/Prov.: CT	(Allach dunlicate copy of this page if paying by deposit account)
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Country: USA ZIP: 06002	it is true and correct and any attached copy is a true cop.
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g. Statement and signature. To the best of my knowledge and belief, the foregoing of the original document.	g information is true and correct and any attached copy is a true copy. September 1, 2004
Statement and signature. To the best of my knowledge and belief, the foregoing of the original document. Too V. Park Too V. Park	g information is true and correct and any attached copy is a true dop

<u>ASSIGNMENT</u>

WHEREAS We, Min-Hyouk LEE of 331-2002, Cheongmyung-maeul 3danji Apt., Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Rep. of Korea, Hyun-Seop KIM of 106-1403, Jugong Apt., 849, Geumjeong-dong, Gunpo-si, Gyeonggi-do, Rep. of Korea and Chang-Hwan ITWANG of 536-1301, Eunbit-maeul Samsung Apt., Ilwajeong-dong, Dukyang-gu, Goyang-si, Gyeonggi-do, Rep. of Korea (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in:

CELLULAR PHONE

and for which We have filed an application for Letters Patent of the United States on April 28, 2004 (Serial No. 29/204,350);

AND WHEREAS, SAMSUNG ELECTRONICS CO., LTD. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Korea, having a place of business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignce of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNIEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications

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when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 3.19	Min-Hyouk LEE	; ;
Date: 2004. 7. 19	Kim hyun - 500 P L.S Hyun-Seop KIM	š.
Date: >694. 21.	<u>Chang- Hwan</u> L.: Chang-IIwan HWANG	s.