Form PTO-159506-24-2002TO THE HONORABLE C(Please record the attache.102132277	OVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Ciffice DEMARKS: Attorney Docket No: 678-826 (P10:215)
1. Name of conveying party(ies): Sang-Min HYUN Seung-Min PARK Ji-Yun PARK Kyoun-Sun CHO Yong-Jae KIM Young-Mok JEON	2. Name and address of receiving party(ies): Name: Samsung Electronics, Co., Ltd. Internal Address: Street Address: 416, Maetan-dong, Paldal-gu Kyungki-do
Additional name(s) of conveying party(ies) attached? [] yes [X] no 3. Nature of Conveyance [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other	City: Suwon-city Country/State/Zip: Korea Additional names and addresses attached? [] yes [X] no
 Application number(s) or patent number(s): If this document is being filed together with a new application A. Patent Application No.(s) 10/100,801 filed 3/19/2002 	B. Patent No.(s): N/A
S. Name and address of party to whom correspondence concerning document should be mailed: Name: Paul J. Farrell, Esg. Internal Address: Dilworth & Barrese, LLP Street Address: 333 Earle Ovington Boulevard City: Uniondale State: NY ZIP: 11553	ached? [] Yes [X] No 6. Total number of applications and patents involvec: [1] 7. Total fee (37 C.F.R. 3.41) [X] Enclosed [] Authorized to be charged to deposit account 8. Deposit account number: 04-1121 (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform copy of the original document.	Hanel
Reg. No. 33,494 Total number of OMB No. 0651-0011 (exp. 4/84) do not deta /2002 DBYRNE 00000207 10100801 Mail documents to be recorded with Assistant Commissioner Box Assistant Commissioner 581 40.00 0P Box Assistant Commissioner Public burden reporting for this sample cover sheet is estimated to average reviewing the document and gathering the data needed, and completing	for Patents and Trademarks signments n, D.C. 20231 ge about 30 minutes per document to be recorded, including-time for and reviewing the sample cover sheet. Send comments regarding this nation Systems. PK2-1000C. Washington, D.C. 20231- and B the Office of

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To the Honorable Commissioner of Patents and Tradem	narks: Please		or copy thereof.
1. Name of conveying party(ies) Sang-Min HYUN Seung-min PARK Ji-Yun PARK Kyoung-Sun CHO Yong-Jae KIM Young-Mok JEON Additional name(s) of conveying party(ies) attached	Name: Inter	Name and address of receiving party(ie <u>SAMSUNG ELECTRONICS CO.</u> mal Address:	- F -
. Nature of conveyance:		<u>416, Maetan-dong, Paldal</u> <u>Suwon-city, Kyungki-do</u> ,	
<u>X</u> Assignment	City:		
Security Agreement Merger Change of Name Other	Addit	ional name(s) & address(es) attached?	
Execution Date: March 18, 2002			
 Application number(s) or patent number(s): If this document is being filed toget the application is: March 18, 2002 	ther with a new	application, the execution date of	
A. Patent Application No.(s)		B. Patent No.(s)	
	ers attached?	Yes <u>X</u> No	
 Name and address of party to whom correspondence concerning document should be mailed: 	6. T F	otal number of applications and atents involved	
Name: <u>Paul J. Farrell, Esq.</u> Internal Address: <u>DILWORTH & BARRESE, LLP</u>	7. 1	otal fee (37 CFR 3.41)	
Street Address: 333 Earle Ovington Boulevard City: Uniondale State:New York Zip:11553	8. D (Atta accou	eposit account number: <u>04-1121</u> ch duplicate copy of this page if pay nt)	ing by deposit
Do	not use this s	pace	
 <u>Statement and signature</u>. To the best of my knowledge and belief, the foregoin of the original document. <u>Paul J. Farrell, Reg. No. 33,494</u> 	ing information		
Name of Person Signing	Signature	March 19 Dat	
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ASSIGNMENT

DOCKET NO. 678-826 (P10215)

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: Samsung Electronics Co., Ltd.

ADDRESS' 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, KOREA

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

TITLE: PORTABLE TELEPHONE WITH AN EXCHANGEABLE DATA INPUT APPARATUS

invented by me *(if only one inventor is named below)* or us *(if more than one inventor is named below)* and described in an application for a United States patent the specification of which is either attached herete or otherwise accompanies this Assignment or indicates an attorney docket no. 678-826 (P10215) , or is more particularly identified as:

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, relissued and re-examined patents, and to any extensions thereof, axid interest being the entire ownership of the patent when granted, to be held and enjoyed by said SAMSUNG ELECTRONICS CO., LTD., my Assigned, its successors, assigns or other legal representatives, to the full and of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the proparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, relasus, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and suthorize and request <u>Pater G. Dijworth, Reg. No. 26,450 and Paul J. Farrell, Reg. No. 33,494</u>, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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PAGE: 03 PAGE: 02:

And I further covariant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and seld Lettere Peters and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interferonce, 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.

IN WITNESS WHEREOF. I and we have set our hands and teals on the dates written beside my and our respective names:

INVENTOR(S)		Date Signed	Witness(es)
1) Same min Hyun Sang-Min Hyun	(Seal) 18 1	Aurch 2002	hunt bee
	(Seal) (8- M	orch 2002	leven & Lee
3) Jo yon Date Ji. Yun PARK	(Seal) (&	hardh 2002	leun & Loc
4) Kyoun-Sun CHO	(Seal)	March 2002	kund Loc
5) _ YONG THE KIM			Eun & Lee
6) Young-Mok JEON			Euro & Lac

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RECORDED: 06/17/2002