

	TORIVICOVER SHEET  NTS ONLY  C.S. DEPARTMENT OF COMMERCE  Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.	
1. Name of conveying party: Kwan-Hwi CHO, Nam-Mi KIM  Additional name(s) of conveying party(ies) attached? □ Yes  No	2. Name and address of receiving party(ies):  SAMSUNG ELECTRONICS CO., LTD., a corporation organized under the laws of the Republic of Korea  416, Maetan-dong, Paldal-ku, Suwon, Kyungki-do, Republic of KOREA	
3. Nature of conveyance	Additional name(s) & addresses attached? □ Yes   No	
4. Application number(s) or Patent number(s): If this document is being filed together with a new applica	ation, the execution of the application is:	
A. Patent Application No.(s) 09/170,032	B. Patent No.(s)	
Additional numbe	r(s) attached? □ Yes  No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total Number of applications and patents involved: <u>ONE</u>	
Name: Robert E. Bushnell Attorney at Law Suite 300, 1522 "K" Street, N.W. Washington, D.C. 20005 (202) 638-5740	7. Total fee (37 CFR § 3.41) \$ U.S. \$40.00  ⊠ Enclosed  □ Authorized to be charged to deposit account  8. Deposit Account Number:	
<b>`</b>	(Attach duplicate copy of this page if paying by deposit account)	
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9. Statement and Signature.  To the best of my knowledge and belief, the foregoing info the original document.  Robert E. BUSHNELL  Name of Person Signing  Signature.  Signature.  Robert E. BUSHNELL  Signature.  Signature.  Signature.  Signature.  Signature.  To the best of my knowledge and belief, the foregoing info	January 21, 1999  ature  Date  Total number of pages comprising cover sheet:	
OMB No. 0651-0011 (exp. 4/94)	rotal number of pages comprising cover sheet.	
1/22/1000 RMCHVEN AAAA251 AG17AA23	tach this portion	
1 FC:581  40.00 QP  Mail documents to be recorded with the required cover sheet  Commissioner of Pater  Box Assignments  Washington, D.C. 202	information to: nts and Trademarks	

PATENT REEL: 9720 FRAME: 0715

## ASSIGNMENT

DOOKET		DEEDEC
DOCKET	NO.	P33336

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., a corporation organized under the laws of the Republic of Korea, ADDRESS: 416 Maetan-dong Paldal-gu, Suwon-city, Kyungki-do Republic of KOREA, Who is my Assignee, and to the successors 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: MULTIMEDIA APPARATUS USING A PORTABLE COMPUTER invented by me (if only one inventor is named below) or us (if more one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment, or is more particularly identified executed on even date herewith, or X Serial No. 09/170,032 filed in the U.S. Patent & Trademark Office on 13 October 1998 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, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said SAMSUNG ELECTRONICS CO., LTD., my Assignee, its successors, assigns or other legal representatives, to the full end 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, without receiving any money or other consideration, any further documents of instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the abovenamed application or in the preparation and prosecution of all substitute applications, certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreement or treaty to which the United States of America adheres; AND I do hereby authorize and request the Commissioner of Patent & Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request R. E. Bushnell, Reg. No. 27, 774, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply the rules of the United States Patent & Trademark Office for recordation of this document. IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names: INVENTOR(s) Date Signed Witness(es) 1) twanhwi, (HO (Seal)
KWAN-HWI, CHO 2) NAM-MI. KIM (Seal) 3) \_\_\_\_\_(Seal)

**RECORDED: 01/21/1999** 

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