

MODIFIED Form PTO-1595 R (Rev. 10/02)	_102613049	ET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
	PATENTS ONLY	
To the Director of the U.S. Patent and Trace		
1. Name of conveying party(ies):	1	of receiving party(ies):
Song-yean CHO Byung-in MUN	SAMSUNG ELECTR 416, Maetan-dong, Pa	
Dyung minzert	Suwon-city, Kyungki-	
11-21-03	Republic of Korea	10/7176
Additional name(s) of conveying party(ies) attached? \(\subseteq \)	es 🗹 No	
3. Nature of conveyance:		
☑ Assignment ☐ Merger		
☐ Security Agreement ☐ Change of Name		
☐ Other		
Execution Date: November 14, 2003	Additional manages (a) Propagation	Idress(es) attached? Yes No
4. Application number(s) or patent number(s):		Idress(es) attached? Yes No
If this document is being filed together with a r	new application, the execution date	of the application is: November 14, 200
A. Patent Application No.(s)	B. Patent No.(s)	
Unknown	Not yet assigned	
	1 numbers attached? Yes	
5. Name and address of party to whom correspondence concerning document should be mailed:	dence 6. Total number of ap	plications and patents involved:
SUGHRUE MION, PLLC	7. Total fee (37 CFR	3.41): \$40.00
WASHINGTON OFFICE	☑ Enclosed.	
23373	,	be charged to Deposit Account No. 19-4880.
CUSTOMER NUMBER		acted and authorized to charge all required sue Fee and the Publication Fee, to Deposit
		Please also credit any overpayments to said
	Deposit Account.	
	8. Deposit Account N	lumber: 19-4880
	(Attach duplicate of	copy of this page if paying by deposit account)
	DO NOT USE THIS SPACE	
9. Statement and signature.		
To the best of my knowledge and belief, the for original document.		ect and any attached copy is a true copy of the
the American Ryno 38,551		November 21, 2003
The AMeric Ry No 38, J'S)	Reg. No. 23,063	Date
		and 4
	including cover sheet, attachments recorded with required cover sh	
MAIL STOP A	SSIGNMENT RECORDATION	SERVICES
Director of the U.S. Patent and Trademark Office		
	P.O. Box 1450 Alexandria, VA 22313-1450	
/2003 ECOOPER 00000002 10717647		
6.55.6		
40.00 B		

PATENT

REEL: 014741 FRAME: 0843

Docket No. Q78056 For Non-U.S. Clients

Assignment

Whereas, I/We, (1) CHO, Song-yean; and (2) MUN, Byung-in, residing at (1) Seoul, Republic of Korea; and (2) Kyungki-do, Republic of Korea hereinafter called assignor(s), have
invented certain improvements in <u>APPARATUS AND METHOD FOR ENCRYPTING AND</u>
COMPRESSING MULTIMEDIA DATA and executed an application for Letters Patent of the
United States of America therefor on; and
Whereas, <u>Samsung Electronics Co., Ltd.</u> , a corporation organized existing under the laws of the <u>Republic of Korea</u> , residing at <u>416 Maetan-dong</u> , <u>Paldal-gu</u> , <u>Suwon-city</u> , <u>Kyungki-do</u> , <u>Republic of Korea</u> (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,
I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.
to so by the assignee.
I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number and Confirmation number
I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number and Confirmation number below the application
I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number and Confirmation number
I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number and Confirmation number below the application application
I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number and Confirmation number tiled) the application number and filing date of said application when known.
I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number and Confirmation number tiled) the application number and filing date of said application when known.
I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number and Confirmation number , filed) the application number and filing date of said application when known. Date: November14, 2006bo, Song-yean S/ Date: November14, 2003MUN, Byung-in S/
I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number and Confirmation number number and filing date of said application when known. Date vember 14, 20640, Song-yean
I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number and Confirmation number , filed) the application number and filing date of said application when known. Date: November14, 2006bo, Song-yean S/ Date: November14, 2003MUN, Byung-in S/
I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number
I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number and Confirmation number filed

RECORDED: 11/21/2003

PATENT REEL: 014741 FRAME: 0844