FORM PTO-1619A 09-13-2001 **U.S. Department of Commerce** Expires 06/30/99 Patent and Trademark Office PATENT 101841944 ECORDATION FORM COVER SHEET PATENTS ONLY TO: The Commissioner of Pa and Trademarks: Please record the attached original document(s) or copy(ies) Submission Type Conveyance Type × New **Assignment Security Agreement** Resubmission (Non-Recordation License Change of Name **Document ID#** Correction of PTO Error Other Merger Reel# Frame # U.S. Government Corrective Document (For Use ONLY by U.S. Government Agencies) Reel # Frame # Departmental File **Secret File** Conveying Party(ies) Mark if additional names of conveying parties attached **Execution Date** Month Day Year Name (line 1) | Seong-Woo Kang 08/28/01 Name (line 2) Execution Date Second Party Month Day Tai-Yeon Hwang Name (line 1) 08/28/01 Name (line 2) Receiving Party Mark if additional names of receiving parties attached If document to be recorded Name (line 1) Samsung Electronics Co., LTD is an assignment and the receiving party is not Name (line 2) domiciled in the United States, an appointment of a domestic Address (line 1) 416 Maetan-Dong, Paldal-Gu representative is attached. (Designation must be a separate document from Address (line 2) Assignment.) Address (line 3) Suwon City Kyungki-Do, KOREA State/Country **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3)

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Address (line 3)	Suite 400				
Address (line 4)	Newport Beach, CA 92660				
Pages	Enter the total number of pa including any attachments.	_	ttached conveya	nce document	# 2
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has	not been assigned.				
Number of Properties Enter the total number of properties involved. # 1					
Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00					
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	Ben J. Yorks	Ken	Moder		September 4, 2001
Name	of Person Signing		Signature		Date

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U.S. Department of Commerce Patent and Trademark Office **PATENT**

Conveying Pa	rty(ies) Mark if additional names of conveying parties attached proveying Parties	
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Name (line 2)		
<u> </u>		Execution Date
Name (line 1) You	ung Son	Month Day Year 08/28/01
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Name (line 2)		Execution Date
N		Month Day Year
Name (line 1) Wo	o-Cheol Jeong	08/28/01
Name (line 2)		
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Address (line 1)		of a domestic representative is attached. (Designation
-		must be a separate document from
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		States, an appointment of a
Address (line 1)		domestic representative is attached. (Designation must
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Application No	City State/Country Zip Co	de
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PATENT

REEL: 012146 FRAME: 0698

Attorney's Docket No.: 155634-0099

ASSIGNMENT

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned:

Seong-Woo Kang, Tae-Yeon Hwang; Yun-Sik Han; Young Son; and Woo-Cheol Jeong

hereby sell, assign, and transfer to:

Samsung Electronics Co., Ltd.

a Delaware Corporation, having a principal place of business at 416 Maetan-Dong, Paldal-Gu, Suwon City, Kyungki-Do, Korea ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

WAVE STRINGER FOR CONTROLLING ACOUSTIC NOISE AND SHOCK VIBRATION IN A STORAGE DEVICE

and in and to said application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States application, and in all subsequent PCT and foreign applications claiming priority to the United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Page 1 of 2
PATENT

REEL: 012146 FRAME: 0699

<u>A/J G 28, 200/</u> Date	Name: Seong-Woo Kang	AUG 28, 2001 Date
08/28/2001 Date	Name: Tai-Yeon Hwang	08/28/201 Date
Aug 28, 200/ Date	Name: Yun-Sik Han	Ang 28, 2000 Date
08/28/700/ Date	Name: Young Son	08/+8/200/ Date
08/28/201/ Date	Name: Woo-Cheol Jeong	08/28/200/ Date
Date	Name:	Date
Date	Name:	Date

Assignment Document Return Address: Irell & Manella LLP 840 Newport Center Drive, Suite 400 Newport Beach, CA 92660 Telephone: 949-760-0991

RECORDED: 09/06/2001

REEL: 012146 FRAME: 0700