## Electronic Version v1.1

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PART	Y DATA				
		1	Name	Execution Date	
In-Kwon JU				03/04/2008	
In-Bok YOM				03/04/2008	
Dong-Pil CHANG				03/04/2008	
Jin-Cheol JEONG				03/04/2008	
Dong-Hwan SHIN				03/04/2008	
Youn-Sub NOH				03/04/2008	
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State/Country:		KOREA, REPUBLIC OF			
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Property Type			Number		
Application Numbe	er:	12066	6728		
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ATTORNEY DOCK	ET NUMBER:		SHIN 158NP		
NAME OF SUBMITTER:			Steven M. Rabin		
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				PATENT	
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Attorney Référence

PATENT REEL: 020646 FRAME: 0933

## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS JU, In-Kwon, YOM, In-Bok, CHANG, Dong-PII, JEONG, JIn-Cheol, SHIN, Dong-Hwan and NOH, Youn-Sub, hereinafter referred to collectively as the assignor, has invented a certain improvement relating to DIGITAL ATTENUATION APPARATUS HAVING ULTRA BROADBAND AND EXCELLENT ATTENUATION CHARACTERISTICS.

[X] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[X] said application having been filed in the United States Patent and Trademark Office on <u>March 13, 2008</u>, authorization being hereby given to my attorneys, Steven M. Rabin, Robert H. Berdo, Jr., Phillip G. Avruch, and Allen Wood of RABIN & BERDO, P.C., 1101 14th Street, N.W., Washington, D.C. 20005, to insert here in parentheses (Application Serial No. 12/066, 728) the application serial number of said application when known;

AND WHEREAS <u>ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE of</u> <u>Daeion, Republic of Korea</u>, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged, said assigner hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assignee's successors and assignee's successors and assignee's necessors and assignee's successors and assignee's successors and assignee's necessors and assignee's successors and assignee's necessors and any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, releases and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, releases and prolongations in ersues and prolongations thereof, for the use and benefit of seld assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignee might or could have held and enjoyed the same, if this assignment had not been made.

AND said assigner hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, relasues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns. In accordance herewith

EXECUTED, this <u>4th</u> day of	ASSIGNOR:
Signature:	Signature
Name:	Name: JU, In-Kwon
Address: Secul toren.	
Signature: Name:KIM, Borg-Seek	· · · · · · · · · · · · · · · · · · ·
Address: Soul, Korea	
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RABIN & BERDO, P.C., Washington, D.C.	1 3

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WITNESSES:	ASSIGNOR:			
Signature: KI4, Hymng - Gil	Signature:			f I I I I I I I I I I I I I I I I I I I
Name: <u>LLM, NYWY -511</u> Address <u>CEON L Corcer</u>	Name:	YOM, In-Bok		
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Signature:		1 d * 3		
Name <u>KTM</u> , <u>Bong</u> -Scole.				4
Address: <u>Seoul, Korea</u>		:		
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Signature: KTW-	Signature:	Actor		1.000
Name: FIM, HYAM -4.1		CHANG, Dong-Pil		
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Signature: <u>KIM, Bong - Spok</u>				
Address: Senul Korea				
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SHIN. Dong-Hwan

NOH, Youn-Sub

## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 3 of 3

WITNESSES:			ASSIGNOR
Signature:	Kan	,	Slgnature; _
Name:	EIM, HYONG-ST.		Name:
Address	Seoul, Tarea		
Signature:	and	 ,	
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Signature:	KIM-Hrang-Gil		Signature:
Signature:	CIM. Hrong-Gil		Signature:
Signature:	KIM-Hrang-Gil		Signature:
Signature: Name: Address:	FIM. Hrang-Gil Seoul Corea		Signature:
Signature: Name: Address: Signature:	FIM. Hrong-6:1 Seoul. Corea and		Signature:
Signature: Name: Address:	PIM. Hrang-Gil Seoul. ICorea Augo KIM, Bong-Spok		Signature:

RABIN & BERDO, P.C., Washington, D.C.

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## RECORDED: 03/13/2008

PATENT .. . . . . . . . . REEL: 020646 FRAME: 0935