Atty Docket No.:

292107US AUG 0 9 2006

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To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Yasunori SUZUKI NTT DoCoMo, INC. Name: Shoichi NARAHASHI Address: 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 Japan Additional name(s) of conveying party(ies) attached?

Yes No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name □ Other Additional name(s) and address(es) attached?

Yes No Execution Date: June 9, 12, 2006 4. Application number(s) or patent number(s): ☐ This document is being filed together with a new application A. Patent Application No.(s) B. Patent No.(s) 11/445,183 Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed 22850 ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (Attach duplicate 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 foregoing information is true and correct and any attached copy is a true copy of the original document. AUG 0 9 ZUUD Bradley D. Lytle Name of Person Signing Date Joseph Scafetta, Jr. Registration Number: 40,073 Registration No. 26,803 Total number of pages including this cover sheet: 3 98/19/2006 HALIII 00000087 11445183 Do not detach this portion 01 FC:8021 40.00 OP Mail documents to be recorded with required cover sheet information to:

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> > PATENT REEL: 018172 FRAME: 0858

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Assignment of Application (出願譲渡証)

	私(我々)			REAS, I (WE)		
ERT NAMES AND	Yasunori SUZUKi of Yokohama-shi, Kanagawa, Japan and					
IDENCE ADDRESS OF	Shoich	i NARAHASHI of Yokoha	ma-shi, Ka	nagawa, Japan		
NVENTORS		·····				
日告の氏名及び住所						
敌						
		<u></u>				
						
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	ノナ 下着コン・ナンナン	新しい有用な改良を多	<u> </u>	respectively, house invested portain new one		
		がして有用な以及です	본	respectively, have invented certain new and		
ERT TITLE OF	明し、 "EEED EODIAAR	D AMOUNCIED EOD MUNT	101 E EDE	useful improvements in:		
ENTION	FEED FURVAR	DAMPLIFIER FOR MULT	IPLE FRE	QUENCY BANDS		
の名称を記入						
	(Application No.	11/445,183	filed	lung 2, 2006		
	(Application No.	11/445,105	, filed	June 2, 2006),		
	一方、			and WHEREAS,		
	NTT DoCoMo, Inc.					
	(以下「譲受人	」)は、 (1) は、		(hereinafter referred to as "ASSIGNEE") having		
	12.1	•		a place of business at:		
	111	Nogotoche 2-cheme	China	•		
				aku, Tokyo 1006150 Japan		
		ン、該発明について、 D領土及びあらゆる全		is desirous of acquiring the entire right, title and		
	外国において6	J領工及いめらゆる宝 T与されたあらゆる特	許部	interest in and to said invention and in and to any Letters Patent that may be granted		
	について、全て	この権利、権原、及び	利益	therefore in the United States and its territoria		
	を取得すること			possessions and in any and all foreign countries;		
	従ってここに	受領を確認した有効	1.7 1	NOW, THEREFORE, for good and		
		5と引き換えに、私(1		valuable consideration, the receipt whereof is		
	は、本譲渡証に	より、合衆国及びそ	の領	hereby acknowledged, I (WE), by these		
		 国における該発明に		presents do sell, assign and transfer unto said		
		りな権利と、合衆国及		ASSIGNEE, the full and exclusive right to the		
		ゆる全ての外国にお		said invention in the United States and its		
	17 サウルるのり で及びその分割	のゆる全ての特許証に 列、再発行、継続、差	・フv・ 1. 몷	territorial possessions and in all foreign countries and the entire right, title and interest		
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全ての権利、権原、及び利益とを、該譲

受人に売却し、譲渡し、及び移転する。

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and renewals thereof.

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be granted therefor in the United States and its

territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions

> PATENT REEL: 018172 FRAME: 0859

Page 2 of 2

更に、私(我々)は私(我々)が知る該 発明に関するあらゆる事実を該譲受人又 はその(彼の)代理人に伝え、あらゆる 法的手続きにおいて証言し、法の認めた 書面に署名し、全ての分割、継続、差し 替え、更新、及び再発行出願に署名し、 全ての必要な譲渡書類に署名することで 該特許証のあらゆるもの全てが該譲受人 に発行されるようにし、正当な全ての誓 約をし、更に該譲受人、その(彼の)承 継人及び非譲渡者が合衆国及びその領土 及びあらゆる全ての外国において該発明 について適切な保護を取得し及び行使す ることを援助するために一般に可能なこ とを全て行うことを、私(我々)は同意 する。

! (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries

Date:	2006.6.9	9	hust
日付	,	Signature of Inventor)	^{発明者署名} Yasunori SUZUKI
Date:	2006.6.12	ani a	D: Namohi
日付		Signature of Inventor)	^{発明者署名} Shoichi NARAHASHI
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Date:			
日付		Signature of Inventor)	発明者署名
Date:			
日付		Signature of Inventor)	発明者著名

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RECORDED: 08/09/2006

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