PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Atsushi FUKUDA	12/20/2007
Hiroshi OKAZAKI	12/20/2007
Shoichi NARAHASHI	12/20/2007

RECEIVING PARTY DATA

Name:	NTT DoCoMo, Inc.	
Street Address:	11-1, Nagatacho 2-chome, Chiyoda-ku	
City:	Tokyo	
State/Country:	te/Country: JAPAN	
Postal Code:	100-6150	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11960216

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319901US8 ATTORNEY DOCKET NUMBER:

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Total Attachments: 2

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PATENT

REEL: 020483 FRAME: 0146

Assignment of Application (出願譲渡証)

	私 (我々)	WHE	REAS, I (WE)		
NSERT NAMES AND	Atsushi FUKU	DA of Yokosuka-shi, Kanaga	wa, Japan		
RESIDENCE ADDRESS OF	Hiroshi OKAZ	AKI of Zushi-shi, Kanagawa,	Japan and		
HE INVENTORS	Shoichi NARAHASHI of Yokohama-shi, Kanagawa, Japan				
発明者の氏名及び住所					
を記入					
			10.70		
		1 1 1 1 7%			
	は下記における新しい	4有用な改良を発	respectively, have invented certain new and		
	明し、		useful improvements in:		
NSERT TITLE OF	#14ATO	LUNG OFFICIAL PROPERTY.	AND DOWNER AND LEIED?		
NVENTION		HING CIRCUIT AND DUAL-BA	AND POWER AMPLIFIER"		
発明の名称を記入					
	(Application No.	, filed),		
	一方、		and WHEREAS,		
		NTT DoCoMo	o. Inc.		
	/NI == [34c45).1				
	(以下「譲受人」)は	•	(hereinafter referred to as "ASSIGNEE") having a place of business at:		
	11—1, Nagatacho 2—chome, Chiyoda—ku, Tokyo 100—6150 Japan				
	に営業所を有し、該	発明について、及び	is desirous of acquiring the entire right, title and		
	合衆国及びその領土》 外国において付与さる		interest in and to said invention and in and to any Letters Patent that may be granted		
	たるいて、全ての権利		therefore in the United States and its territorial		
	を取得することを希望		possessions and in any and all foreign		

従ってここに、受領を確認した有効にし て価値ある対価と引き換えに、私(我々) は、本譲渡証により、合衆国及びその領 土及び全ての外国における該発明に対す る完全で排他的な権利と、合衆国及びそ の領土及びあらゆる全ての外国において 付与されるあらゆる全ての特許証につい て及びその分割、再発行、継続、差し替 え、及び更新のあらゆる全てについての 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。

countries;

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may 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 and renewals thereof.

PATENT REEL: 020483 FRAME: 0147 私(我々)は、ここに、この譲渡及び売却がなされなかったならば私(我々)に より保持されたであろう場合と同様に完全且つ全体的に、付与され得る存続期間の完全な最後まで、該受人、その人及び非譲渡者による専用を必じ、あらゆる全ての特許証についての私(我々)の全でのの、及び利益の譲受人としびの権利、権原、及び利益の譲受人としびのの権利、権原、合衆国及びその領土及びののもりる全ての外国において特許方ることを許可し及び要請する。

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。

I (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

Vec. 20; 2007	(Lasushi) 天山ねいる。 Signature of Inventor) 発明者署名 Atsushi FUKUDA
Dec. 20, 2007	Signature of Inventor) 発明者署名 Hiroshi OKAZAKI
Dec. 20, 2007	Signature of Inventor) 発明者署名 Shoichi NARAHASHI
	Signature of Inventor) 発明者署名
	Signature of Inventor)

PATENT REEL: 020483 FRAME: 0148