PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiromasa FUJII	01/21/2008
Hitoshi YOSHINO	01/21/2008
Junichiro HAGIWARA	01/21/2008

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	11987717	

CORRESPONDENCE DATA

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(703) 413-3000 Phone: Email: aassefa@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

319366US8 ATTORNEY DOCKET NUMBER:

NAME OF SUBMITTER: Aynalem Assefa

Total Attachments: 2

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PATENT

REEL: 020459 FRAME: 0012

Assignment of Application (出願譲渡証)

WHEREAS, I (WE) 私(我々) INSERT NAMES AND Hiromasa FUJII of Yokosuka-shi, Kanagawa, Japan RESIDENCE ADDRESS OF Hitoshi YOSHINO of Yokosuka-shi, Kanagawa, Japan Junichiro HAGIWARA of Yokohama-shi, Kanagawa, Japan HE INVENTORS 発明者の氏名及び住所 を記入 respectively, have invented certain new and は下記における新しい有用な改良を発 useful improvements in: 明し、 RADIO COMMUNICATION APPARATUS AND RADIO COMMUNICATION METHOD INSERT TITLE OF **INVENTION** 発明の名称を記入 11/987,717 December 4, 2007 (Application No. , filed), and WHEREAS. 一方、 NTT DoCoMo, Inc. (hereinafter referred to as "ASSIGNEE") having (以下「譲受人」) は、

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 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たあらゆる特許証 について、全ての権利、権原、及び利益 を取得することを希望し、

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。

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign 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: 020459 FRAME: 0013 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 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、該選受人、その の)承継人及び非譲渡者による専用証を の)承継人及び非譲渡者にての特許証に の)をかに、かての私(我々)のとして 権利、権原、及び利益の譲受人として 権利、権原、合衆国及びその領土との 該譲受人に、の外国において特許庁当局が 発行す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

Date:	Tan. 2/ 2008	Hiromesa Fajil
日付		Signature of Inventor)
Date:	Jan 21. 2008	
日付		Signature of Inventor) 発明者署名 Hitoshi YOSHINO
Date:	Jan. 21, 2008	Junichino HAGINARA
日付		Signature of inventor) 発明者署名 Junichiro HAGIWARA
Date:		
日付		Signature of Inventor) 発明者署名
Date:		
日付		Signature of Inventor) 発明者署名

PATENT REEL: 020459 FRAME: 0014

RECORDED: 02/04/2008