

11-29-2010



OMB No 0651-0027 (exp 5/31/2002)	10361	2013
To the Honorable Commissioner of I	Patents and Trademarks I	Please record the attached original documents or copy thereof
1 Name of conveying party(ies).		2 Name and address of receiving party(ies)
KENICHI HIGUCHI (7/28/	(2010)	Name NTT DOCOMO, INC.
	,	Internal Address
		Street Address
Additional name(s) of conveying party(ies) attached?	Yes X No	11-1, NAGATACHO 2-CHOME,
3 Nature of Conveyance		CHIYODA-KU
	7	TOKYO
Assignment	Merger	100-6150
Coough, Agreement	Change of Name	JAPAN
Security Agreement	Change of Name	City
x Other Assignee's address p	reviously recorded at	
Reel 024995, Frame	0677	State Zıp
Execution Date July	28, 2010	Additional name(s) & Yes X No address(es) attached
4 Application number(s) or pater	nt number(s)	
If this document is being filed together w	ith a new application, the e	
A Patent Application No (s)		B Patent No (s)
12/863,752		
Ad	ditional numbers attach	ned? Yes x No
Name and address of party to wh	om correspondence	6 Total number of applications and
Name and address of party to wh concerning document should be r	om correspondence	
Name and address of party to wh concerning document should be r	om correspondence	6 Total number of applications and patents involved 1
Name and address of party to wh concerning document should be r Name Jonathan P Osha OSHA LIANG LLP	om correspondence mailed	6 Total number of applications and
Name and address of party to wh concerning document should be r Name Jonathan P Osha OSHA LIANG LLP Internal Address Atty. Dkt 1740 Street Address	om correspondence mailed	6 Total number of applications and patents involved 1 7 Total fee (37 CFR 3.41) \$ 40 00
Name and address of party to wh concerning document should be r Name Jonathan P Osha OSHA LIANG LLP Internal Address Atty. Dkt 1740 Street Address	om correspondence mailed	6 Total number of applications and patents involved 1 7 Total fee (37 CFR 3.41) \$ 40 00 X Enclosed Authorized to be charged to deposit account
Name and address of party to wh concerning document should be r Name Jonathan P Osha OSHA LIANG LLP Internal Address Atty. Dkt 1740 Street Address	om correspondence mailed	6 Total number of applications and patents involved 1 7 Total fee (37 CFR 3.41) \$ 40 00
Name and address of party to wh concerning document should be r Name Jonathan P Osha OSHA LIANG LLP Internal Address Atty. Dkt 1740 Street Address 09 Fannin Street, Suite 3500	om correspondence mailed	6 Total number of applications and patents involved 1 7 Total fee (37 CFR 3.41) \$ 40 00 X Enclosed Authorized to be charged to deposit account X Authorized to be charged to credit card
Name and address of party to wh concerning document should be in Name Jonathan P Osha OSHA LIANG LLP Internal Address: Atty. Dkt 1740 Street Address 09 Fannin Street, Suite 3500	om correspondence mailed 01/292001 e· Zip	6 Total number of applications and patents involved 1 7 Total fee (37 CFR 3.41) \$ 40 00 X Enclosed Authorized to be charged to deposit account X Authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number. 50-0591
Name and address of party to wh concerning document should be in Name Jonathan P Osha OSHA LIANG LLP Internal Address: Atty. Dkt 1740 Street Address 09 Fannin Street, Suite 3500	om correspondence mailed 01/292001 e- Zip 77010	6 Total number of applications and patents involved 1 7 Total fee (37 CFR 3.41) \$ 40 00 X Enclosed Authorized to be charged to deposit account X Authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number. 50-0591 (Attach duplicate copy of this page if paying by deposit account)
Name and address of party to whe concerning document should be represented by the concerning document of the concerning document should be represented by the concerning document should b	om correspondence mailed 01/292001 e· Zip	6 Total number of applications and patents involved 1 7 Total fee (37 CFR 3.41) \$ 40 00 X Enclosed Authorized to be charged to deposit account X Authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number. 50-0591 (Attach duplicate copy of this page if paying by deposit account)
Name and address of party to whe concerning document should be represented by the concerning document should be represented by the concerning document should be represented by the concerning document and signature. Name and address of party to whe concerning document and signature.	e· Zip 77010	6 Total number of applications and patents involved 1 7 Total fee (37 CFR 3.41) \$ 40 00
Name and address of party to wh concerning document should be in Name Jonathan P Osha OSHA LIANG LLP Internal Address: Atty. Dkt 1740 Street Address: O9 Fannin Street, Suite 3500 City Statement and signature To the best of my knowledge and in the statement and signature	e Zip 77010 DO NOT USE	6 Total number of applications and patents involved 1 7 Total fee (37 CFR 3.41) \$ 40 00 X Enclosed Authorized to be charged to deposit account X Authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number. 50-0591 (Attach duplicate copy of this page if paying by deposit account)
Name and address of party to whe concerning document should be reported by the concerning document should be reported by the concerning document should be reported by the concerning document and concerning document and signature. Name and address of party to whe concerning document and signature.	e Zip 77010 DO NOT USE	6 Total number of applications and patents involved 1 7 Total fee (37 CFR 3.41) \$ 40 00 X Enclosed Authorized to be charged to deposit account X Authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number. 50-0591 (Attach duplicate copy of this page if paying by deposit account) THIS SPACE
Name and address of party to wh concerning document should be in Name Jonathan P Osha OSHA LIANG LLP Internal Address: Atty. Dkt 1740 Street Address: O9 Fannin Street, Suite 3500 City Statement and signature To the best of my knowledge and in the statement and signature	e Zip 77010 DO NOT USE belief, the foregoing informent	6 Total number of applications and patents involved

842946

PATENT REEL: 025314 FRAME: 0040): JONATHAN P. OSHA COMPANY. JO9 FANNIN STREET

PATENT ASSIGNMENT

Electronic Version v1.1 09/16/2010 Stylesheet Version v1.1 501292183

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

USPTO

Name	Execution Date
Kenichi HIGUCHI	07/28/2010

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12863752

CORRESPONDENCE DATA

Fax Number: (713)228-8778

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 713-228-8600

Email: mcfadden@oshaliang.com

Correspondent Name: Jonathan P. Osha
Address Line 1: 909 Fannin Street
Address Line 2: Suite 3500

Address Line 2. Suite 3300

Address Line 4: Houston, TEXAS 77010

ATTORNEY DOCKET NUMBER: 17401/292001 (BCM)

NAME OF SUBMITTER: Jonathan P. Osha

Total Attachments: 2

source=292001_Assignment_20100915114206#page1.tif source=292001_Assignment_20100915114206#page2.tif

> PATENT REEL: 025314 FRAME: 0041

P \$40.00 128637

Assignment of Application

(出願譲渡証)

	私(我々)	WHEREAS, I (WE)			
INSERT NAMES AND	(1) Kenichi HIGUCHI,				
RESIDENCE ADDRESS OF	residing at (1) Saitama-shi, Saitama Japan				
HE INVENTORS					
発明者の氏名及び住所					
を記入					
	は下記における新しい有用な改良を発	respectively, have invented certain new and			
	明し、	useful improvements in:			
NSERT TITLE OF	BASE STATION APPARATUS AND METHOD U	SED IN MOBILE COMMUNICATIONS SYSTEM			
NABALION					
哲明の名称を記入	***				
	(Application No. PCT/JP2009/050218 ,	filed January 9, 2009),			
		and WHEREAS,			
		•			
	NTT DOC	OMO, INC.			
	(以下「醸受人」)は、	(hereinafter referred to as "ASSIGNEE") having			
		a place of business at:			
	11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 Japan				
	to the site of the				
	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	any Letters Patent that may be granted			
	について、全ての権利、権原、及び利益	therefore in the United States and its territorial			
	を取得することを希望し、	possessions and in any and all foreign countries;			
	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	hereby acknowledged I (WE) by those			
	土及び全ての外国における該発明に対す	presents do sell, assign and transfer unto said			
	る完全で排他的な権利と、合衆国及びその領土をびまり、	ASSIGNEE, the full and exclusive right to the			
	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	said invention in the United States and its			
	・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	territorial possessions and in all foreign			

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。

PATENT REEL: 025314 FRAME: 0042

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.

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、更に該職受人、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:	Jul. 28,2010		ichi Arguchi
日付		Signature of Inventor	7) ^{充明者看名} Kenichi HIGUCHI
Date:			
日付		Signature of Inventor) 発明者署名
Date:			
日付		Signature of Inventor)	光明省署名
Date:			
日付		Signature of Inventor)	発明者是名
Date:			
日付		Signature of Inventor)	芜明者署名

PATENT REEL: 025314 FRAME: 0043

RECORDED: 11/29/2010