Atty Docket No.:

244928US90PCT

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

FORM PTO-1595 1-31-92 102646981. Tecore use attached original documents or copy thereof. To the Director of the United States Patent 1-8-04 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): 1) Motovuki UCHIDA 4) Takashi KADOHIRO Name: NTT DoCoMo, Inc. 2) Tadao TAKAMI 5) Hiroaki TOMODA Address: 11-1, Nagatasho 2-chome, Chiyoda-ku, Tokyo 3) Yasutaka URAKAWA 6) Seiji HOSHI 7) Makoto ITO 100-6150 Japan Additional name(s) of conveying party(ies) attached?

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

Yes No Execution Date: October 15, 2003 4. Application number(s) or patent number(s): 4. Application number(s) or patent number(s): B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached?

Yes No 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 ☐ 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. Masayasu Mori Name of Person Signing Surinder Sachar Registration Number: 47,301 Registration No. 34,423 Total number of pages including this cover sheet: 3

Mail documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office Mail Stop Assignment Recordation Services Alexandria, Virginia. 22313

> PATENT REEL: 014874 FRAME: 0865

ASSIGNMENT

Whereas, I/we,		
<u>Name</u>	<u>Address</u>	
	c/o Intellectual Property Department, NTT DoCoMo, Inc.,	
) Motoyuki UCHIDA	Sanno Park Tower, 11-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-6150 Japan	
	c/o Intellectual Property Department, NTT DoCoMo, Inc.,	
Tadao TAKAMI ⊷	Sanno Park Tower, 11-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-6150 Japan	
₃₎ Yasutaka URAKAWA	c/o Intellectual Property Department, NTT DoCoMo, Inc.,	
	Sanno Park Tower, 11-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-6150 Japan	
	c/o Intellectual Property Department, NTT DoCoMo, Inc.,	
₄₎ Takashi KADOHIRO	Sanno Park Tower, 11-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-6150 Japan	
	c/o Intellectual Property Department, NTT DoCoMo, Inc.,	
5) Hiroaki TOMODA	Sanno Park Tower, 11-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-6150 Japan	
	c/o Intellectual Property Department, NTT DoCoMo, Inc.,	
s) Seiji HOSHI	Sanno Park Tower, 11-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-6150 Japan	
	c/o Intellectual Property Department, NTT DoCoMo, Inc.,	
Makoto ITO	Sanno Park Tower, 11-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-6150 Japan	
* *	Letters Patent of the United States of America therefor on even date her	ewith unless
therwise indicated below:		
filed on Whereas	, Serial No	; and
NTT DoCoMo, Inc. 11-1, Nagatac Chiyoda-ku, To	cho 2-chome, okyo 100-6150 Japan	
assignee), desires to acquire the atents to be obtained therefor;	e entire right, title and interest in the application and invention, and to an	v United States
ransfer, and set over unto the as his invention and this application which may be granted thereon, a	t known that, for good and valuable consideration from assignee, the re assignor(s), have sold, assigned, transferred, and set over, and do here assignee, its lawful successors and assigns, MY/OUR entire right, title, an in, and all divisions, and continuations thereof, and all Letters Patent of the and all reissues thereof; and I/WE hereby authorize and request the Cor United States to issue all Letters Patent for this invention to assignee, its terms of this Assignment;	ceipt of which is by sell, assign, d interest in and to le United States mmissioner of

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and

assigns.

1):

2):

Name:

Name:

Page 1 of 2

DATE SIGNED

October 15, 2003

October 15, 2003

3):	Gasaldan Cubana	October 15, 2003
Name:	// Yasutaka URAKAWA	
4):	Ta kashi Kadohio Takashi KADOHIRO	October 15, 2003
Name:	Takashi KADOHIRO	
5):	Hiroaki Tomoda	October 15, 2003
Name:	Hiroaki TOMODA	
6):	Seiji Hoshi	October 15, 2003
Name:	Seiji HOSHI	
7):	makete L+0	Ontohon 15, 2002

Makoto ITO

Name:

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)