Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450		ent Recordation Services RECORDATION FORM of the U.S. Patent PATENTS (rademark Office (1450)	RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE PATENTS ONLY Patent and Trademark Office Attorney Docket No. 144745						
Please record the attached document. Total number of pages including cover sheet, attachments, and document: 2									
3.	A. B. C □ B.	Name of conveying parties: Mehrdad PANAHPOUR TEHRANI Akio ISHIKAWA Additional name(s) of conveying party(ies) attached? Yes No Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: ALL; February 25, 2010	2. A. Name and address of receiving party: KDDI CORPORATION 3-2, NISHI-SHINJUKU 2-CHOME, SHINJUKU-KU, TOKYO, JAPAN B. Additional name(s) & address(es) attached? □Yes ☑ No						
4.	Α.	Patent Application No.(s) 12/718,710	B. Patent No.(s)						
	Additional numbers attached?								
5.	Nar	me and address of party to whom correspondence document should be mailed:	6. Total number of applications and patents involved: 1						
	N	ame: - <u>James A. Oliff</u>	7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.						
	A	ddress: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787	Credit any overpayment or charge any underpayment to deposit account number 15-0461.						
9.	To ord	the best of my knowledge and belief, the foregoing informational document. The best of my knowledge and belief, the foregoing informational document. The best of my knowledge and belief, the foregoing information and belief in the foregoing in the fo	tion is true and correct and any attached copy is a true copy of the Date: March 5, 2010						

PATENT REEL: 024040 FRAME: 0614

ASSIGNMENT

		(1)	Mehrdad PANAHPOUR TI	EHRANI (5)		
(1-8		(2)	_Akio ISHIKAWA	(6)		
	Name(s) of Inventor(s)	(3)		(7)		
		(4)		(8)		
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to				
(9) (10)	Insert Name of Assignee	(9)	KDDI Corporation			
(10)	Insert Address of Assignee	(10)	3-2, Nishi-shinjuku 2-ch	ome, Shinjuku-k	u, Tokyo, Japan	
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as				
(11)	Insert Identification	(11)	IMAGE PROCESS	ING APPAR	ATUS AND COMP	JTER
	such as Tifle, Case Number, or Foreign Application Number	-	PROGRAM			
		(Attorn	ey Docket No.			
		for which	ch the undersigned has (have) of date herewith or	executed an applica	tion for patent in the United	States of America
(12)	Insert Date of Signing of	(12) on	February 2	5, 2010		
	Application				·	
(13)	Alternative		U.S. application Serial	12/718,	710	
	Identification for filed applications	filed	March 5, 2010			
applic any ap the As claims reexan Patents full rig and ag identif	e applications for the invention, ations and patents as the Assign 2) Each undersigned agrees plication or continuation or divided agrees are to provisions of the Internation 4) Each undersigned agrees an ation a grant of a valid Unite 5) Each undersigned authors of the United States resulting that to convey the entire interest trees that this assignment is bind	and any page may destroy and the stote executed Converse to perform and from said from said ing on his y grants the care of the states of the said control as the said from said the said from the sai	eem necessary. te all papers necessary in conneof, or any patent or reissue apy evidence and going forward we te all papers and documents anntion for Protection of Industricum all affirmative acts which meatent to the Assignee. requests the Commissioner of application(s) to the said Assigned, and that he has not execument and his heirs, successors, as the firm of OLIFF & BERRIDGE.	ection with any interplication based their plication based their rith such interference of perform any act val Property or similarly be necessary to the U.S. Patent and gnee, as Assignee o couted, and will not essigns and legal reproperty in PLC the power to its property in the property in th	rate assignments in connective ference which may be declared, for the invention, and the certain may be necessary in car agreements. Trademark Office to issue a fethe entire interest, and coverecute, any agreements in care essentatives.	on with such ared concerning to cooperate with connection with by reissue or my and all Letters canns that he has conflict herewith,
	In witness whereof, execute	d by the	undersigned on the date(s) or	posite the undersi	gned name(s).	
Date	February 25, 2	010	Inventor Signature	Mehrdord	Panalysour Teh	ر (SEAL)
Date	February 25, 20	10	Inventor Signature	akiv	Panalysour Tehr Ishikawa	(SEAL)
Date			Inventor Signature			(SEAL)
If neith	This assignment should prefer er, then it should be signed before	rably be s ore at leas	igned before: (a) a Notary Pub t two witnesses who also sign i	lic if within the U.S here:	i.A. (b) a U.S. Consul if out	side the U.S.A.
Date			Witness	<u>.</u> .		
Date			Witness			

PATENT REEL: 024040 FRAME: 0615