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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

FORM PTO-1595 1-31-92

To the Honorable Commissioner of Patents and Traden.	102395926 suments or copy thereof.
1. Name of conveying party(ies): 3-13-03 Eiji OKAMOTO	2. Name and address of receiving party(ies): Name: Communications Research Laboratory, Independent Administrative Institution Address: 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo, JAPAN
Additional name(s) of conveying party(ies) attached? Yes	No
3. Nature of Conveyance:	
Assignment	
☐ Security Agreement ☐ Change of Name ☐ Other	
Execution Date: February 3, 2003	Additional name(s) and address(es) attached? Yes No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application,	the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
10/337,736	
Additional numbers a	attached? 🖂 Yes 📆 No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1
22850	7. Total fee (37 CFR 3.41): \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)
DO NOT US	SE THIS SPACE
9. Statement and signature	
To the best of my knowledge and belief, the foregoing inform copy of the original document. Marvin J. Spivak	Signature Date
REGISTRATION (NUMBER, 24,912)	al A. Sacher ation No. 43,418 luding this cover sheet: 3
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PATENT REEL: 013850 FRAME: 0870

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE)	Еіјі ОКАМОТО		
ERT NAMES D RESIDENCE		of c/o Communications Research Laboratory,		
DRESS OF E INVENTORS:		Independent Administrative Institution		
		4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo, JAPAN		
			, respectively,	
SERT TITLE FINVENTION:	have invented certain	new and useful improvements in: Transmission Method with	- · · · · · · · · · · · · · · · · · · ·	
	Fading Di	stortion or Frequency Offset Compensation		
SERT DATE IN- INTORS SIGNED ECLARATION:	for which an applicat	tion for Letters Patent was executed on February 3, 2003		
ISERT NAME ND ADDRESS OF OMPANY OR THER ASSIGNEE	(Application No. 1	0/337,736 , filed <u>January 8, 2003</u>), and	
	WHEREAS, Communications Research Laboratory, Independent Administrative Institution			
	(hereinafter referred	to as "ASSIGNEE") having a place of business at:		
	4-2-1 Nukui-Kitama	achi, Koganei-shi, Tokyo, JAPAN		
	is desirous of acquire may be granted there	ing the entire right, title and interest in and to said invention and in and to any Le efore in the United States and its territorial possessions and in any and all foreign	tters Patent that countries;	
	NOW, THEREF	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt wh	nereof is hereby	

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, 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.

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.

10/01

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.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	February 3,	2003	Eiji Okamoto
			(Signature of Inventor) Eiji OKAMOTO
Date:			(Signature of Inventor)
Date:			(Signature of Inventor)
Date:			(Signature of Inventor)
			(Signature of inventor)
Date:			(Signature of Inventor)
Date:			
			(Signature of Inventor)
Date:			(Signature of Inventor)
Date:			
			(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

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RECORDED: 03/13/2003

PATENT REEL: 013850 FRAME: 0872