561-989-9812 305-538-7405 FLEIT KAIN ET AL. FLEIT, KAIN PAGE 02/04 PAGE 02/06

In place of Form PTO-1595

PATENT 016785 US

RECORDATION FORM COVER SHEET - PATENTS

To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original document(s) or copy thereof:
1. Name of conveying party(ies):	2. Name and address of receiving party:
1) Vincent LE NIR 2) Maryline HELARD 3) Rodolphe LE GOUABLE	France Telecom 6 place d'Alleray 75015 Paris, France
	Additional name(s) & address(es) attached? Yes XXX No
3. Nature of conveyance: XX Assignment Execution Dat	e: 1) October 15, 2004; 2 & 3) October 11, 2004
4. Application or patent number(s):	
If this document is being filed together with a new application	n, the execution date of the application is
A. Patent Application No.(s): 10/737,160	B. Patent No.(s):
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: _1_
Stephen Bongini FLEIT, KAIN, GIBBONS, GUTMAN, BONGINI & BIANCO P.L. One Boca Commerce Center 551 Northwest 77th Street, Suite 111 Boca Raton, Florida 33487	7. Total fee (37 CFR 3.41): \$\frac{40.00}{40.00}\$ The Commissioner is hereby authorized to charge the above fee to deposit account no. 50-1556.
DO NOT USI	E THIS SPACE
8. Statement and signature:	
To the best of my knowledge and belief, the foregoing informathe original document.	ation is true and correct and any attached copy is a true copy of
Stephen Bongini	20/27/04
Name of Person Signing Signature	Date
Total number of pages including cove	r sheet, attachments and document: 3
Mail document(s) to be recorded with required cover sheet in	formation to:
	ssignment Recordation Services he U.S. Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

PATENT REEL: 015318 FRAME: 0604 22/10 2004 FRI 15:48 FAX

561-989-9812

₩ 004/00 ₩ 204/00

U.S. Rights-Sole or Joint

ASSIGNMENT

name and address of assignee For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

France Telecom 6 place d'Alleray 75015 Paris, France

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention

SIGNAL TRANSMISSION MULTIPLE ANTENNA METHOD AND DEVICE

as set forth in this United States Patent Application

check one	executed concurrently herewith
	executed on
	Serial No

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of FLEIT, KAIN, GIBBONS, GUTMAN, BONGINI & BIANCO P.L., the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Docket No. 016785US

-1-

PATENT REEL: 015318 FRAME: 0605 FLEIT KAIN ET AL.

PAGE 04/04

2005/005

NAME AND SIGNATURE OF INVENTOR(S)

Name:Vincent LE NIR

Signature:

Date: 15 oct 04

Name:Maryline HELARD

Signature: Work

Date: 11 6 dr 04

Name:Rodolphe LE GOUABLE Signature:

Date: 11 oct 04

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

Docket No. 016785US

RECORDED: 10/27/2004

-2-

PATENT REEL: 015318 FRAME: 0606