U.S. Department of Commerce **CUSTOMIZED** Patent and Trademark Office FORM PTO-1619A **PATENT** 05-23-2000 MD 5.17.00 **HEET REC** 101364790 TO: The Commissioner of Patents and Trademarks: Please record the attached original documents(s) or copy(ies). Conveyance Type **Submission Type** X Assignment New License Resubmission (Non-Recordation) - Document ID # Correction of PTO Error - Reel # Frame # Security Agreement Corrective Document - Reel # Frame # Merger Change of Name Other Execution Date - Month/Day/Year Conveying Party(ies) 1. 04/25/00 1. BOUDIER, Nicolas 2. 04/20/00 2. ALBERTY, Eric 3. 04/20/00 3. THOMASSON, Laurent Receiving Party(ies) 1. Name: MATRA MARCONI SPACE FRANCE Address: 4 rue de Presbourg - 75116 Paris, FRANCE **Correspondent Name and Address** Tel. No. 703-739-4900 Docket No.: P06589US0/RFH Name: Ross F. Hunt, Jr. LARSON & TAYLOR, PLC • 1199 No. Fairfax St. • Suite 900 • Alexandria, VA 22314-1437 Pages: Enter the total number of pages of the attached conveyance document including any attachments Application Number(s) or Patent Number(s) (DO NOT ENTER BOTH numbers for the same property) Patent Number(s) Patent Application Number(s) 09/457,323 This document is being filed together with a new patent application. Month Day The date the patent application was signed by the first named inventor is: **Patent Cooperation Treaty (PCT)** Enter Number only if a US Appl. No. has not been assigned Enter the total number of properties involved **Number of Properties** Fee Amount for Properties Listed (37 CFR 3.41) Fee Amount Payment is Enclosed (Any insufficiency in fee is authorized to be charged to Deposit Account No. 12-0555)

\$40

1

Year

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. Charges to deposit are authorized, as indicated herein.

Name: Ross F. Hunt, Jr., 24,082

Date: May / 7, 2000

05/18/2000 NLUANG 00000047 09457323 02 FC:581

> PATENT REEL: 010794 FRAME: 0525

ASSIGNMENT OF PATENT APPLICATION

(US rights only - all US rights assigned by inventors to a single assignee)

WHEREAS,

(1) Nicolas BOUDIER	
(2) Eric ALBERTY	
(3) Laurent THOMASSON	
(4)	
(5)	
residing respectively at	
(1) 6 place Clémence Isaure - 31320 CASTANET-TOLO	SAN (France)
(2) 52 rue des Astilbes - 31130 FONSEGRIVES (Fran	ce)
(3) 5 rue Pons Capdenier - 31500 TOULOUSE (France	.)
(4)	
(5)	
(hereinafter referred to as the "ASSIGNOR") has/have inveinprovements in A telecommunications system and a such a system. for which an application for a United States Patent	
≤ was executed on even date herewith	
≤ was executed on, 199	
≤ was filed on <u>December 9,1999</u> , 199 as S	erial No.: <u>09/457-323</u>
And WHEREAS MATRA MARCONI SPACE FRANCE	
whose Post Office Address is 4 rue de Presbourg - 75.	16 PARIS (France)

(hereinafter referred to as the "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America, and any Letters Patent which may issue therefor in the United States and all divisions, continuations, re-issues, renewals and/or extensions thereof,

NOW THEREFORE in consideration of the sum of ten U.S. dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR does hereby assign, sell, transfer and set over unto the ASSIGNEE the entire right, title and interest in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America, and any Letters Patent which may issue therefor in the United States and all divisions, continuations, re-issues, renewals and/or extensions thereof, said ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of

PATENT REEL: 010794 FRAME: 0526 said Letters Patent and any and all divisions, continuations, re-issues, renewals and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

And for the consideration aforesaid, ASSIGNOR agrees that ASSIGNOR will communicate to said ASSIGNEE or the representatives thereof any facts known to ASSIGNOR respecting the invention(s) and improvement(s) of the said United States application, and will, upon request, but without expense to ASSIGNOR, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said ASSIGNEE or by counsel for said ASSIGNEE, to assist or enable said ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

This assignment shall be binding upon the ASSIGNOR's heirs, executors, administrators, successors and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of the ASSIGNEE.

The Commissioner of Patents is requested to issue such Letters Patent in accordance with this assignment.

I hereby authorize and request any attorney of record in said Application or any attorney of Larson & Taylor, Customer No. 000881, to insert above any information concerning the identity of the parties or of said Application (including the serial no. and filing date).

(1)	Signature: Nicolas BOUDIER	Date: 25/04/2000
(2)	Signature: Signature: Name: Eric ALBERTY	Date: 20/06/2000
(3)	Signature:	Date: <u>20104/20</u> 20
(4)	Signature:Name:	Date:
(5)	Signature:	Date:

RECORDED: 05/17/2000

PATENT REEL: 010794 FRAME: 0527