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Execution Date  
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9/15/1999

Name (line 1) Paul Alexander CALLAN

Name (line 2)

Second Party

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( ) If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1) Marconi Communications Limited

Name (line 2)

Address (line 1) P. O. Box 53

Address (line 2) New Century Park

Address (line 3) Coventry,  
city

/United Kingdom  
State/Country

CV3 1HJ  
Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

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PATENT  
REEL: 010418 FRAME: 0200

**Correspondent Name and Address**      Area Code and Telephone Number 212-697-3750  
Name Alan Israel  
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**Application Number(s) or Patent Number(s)**      ( ) Mark if additional numbers attached  
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Patent Application Number(s)	Patent Number(s)
09/391,757	

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.      Month      Day      Year

**Patent Cooperation Treat (PCT)**

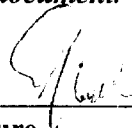
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**Fee Amount**      Fee Amount for Properties Listed (37 CFR 3.41):      \$ 40.00  
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Alan Israel            November 24, 1999  
Name of Person Signing      Signature      Date

ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged

I **Paul Alexander CALLAN** of **54 Cumbrian Way, Shepshed, Loughborough LE12 9BP, United Kingdom**

sell and assign to: **Marconi Communications Limited of New Century Park, P.O. Box 53, Coventry CV3 1HJ, United Kingdom**

all my interest in the application for United States Patent Serial No: *09/391,757*

Filed **8th September 1999** For improvements invented by me

jointly with **Philip Andrew ARNOLD & Harry Richard CLARINGBURN**

In or relating to **SIGNAL TRANSMISSION SYSTEM**

and all my interest in all patents which may be granted therefore, and all divisions, reissues, continuations and extensions thereof, and authorise and request the Commissioner of Patents to issue all patents on said Improvements or resulting therefrom to said Company as assignee of my entire interest, and covenant that I have full right so to do, and agree that I will communicate to said Company or its representatives any facts known to me respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications and all assignments of said invention and all rightful oaths, and generally do everything possible to aid said Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention.

Signature *Paul Callan*

Date **15th September 1999**

**Paul Alexander CALLAN**

Witness *Deborah Elaine James*  
**DEBORAH ELAINE JAMES**

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