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Execution Date
Month Day Year
12/3/1999

Name (line 1) Paul Newham

Name (line 2)

Second Party

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Receiving Party

() Mark if additional names of receiving parties attached

Name (line 1) Marconi Electronic Systems Limited

Name (line 2)

Address (line 1) The Grove, Warren Lane

Address (line 2)

Address (line 3) Stanmore,
cityMiddlesex/United
Kingdom
State/CountryHA7 4LY
Zip Code

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Correspondent Name and Address

Area Code and Telephone Number 212-697-3750Name Alan IsraelAddress (line 1) Kirschstein, Ottinger, Israel & Schiffmiller, P.C.Address (line 2) 489 Fifth AvenueAddress (line 3) New York, NY 10017-6105

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Patent Application Number(s)

09/450,056

Patent Number(s)

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)

Enter PCT application number
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Number of Properties

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1

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*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 account are authorized, as indicated herein.*Alan Israel

Name of Person Signing

Signature

March 10, 2000

Date

ASSIGNMENT

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

I **Paul NEWHAM of 23 Mowbray Road, Edgeward, Middlesex HA8 8JG, United Kingdom**

sell and assign to: **Marconi Electronic Systems Limited of The Grove, Warren Lane, Middlesex HA7 4LY, United Kingdom**

all my interest in the application for United States Patent Serial No: 09/450,056

Filed November 29th 1999 For improvements invented by me

jointly with

in or relating to **BROAD BAND ANTENNAS**

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 Newham

Date

3 Dec. 1999

Paul NEWHAM

Witness

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