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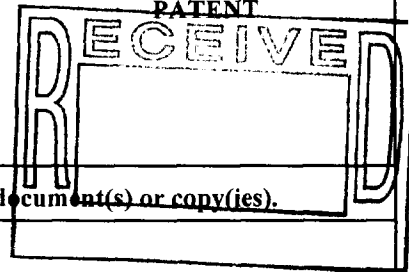
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7/12/1999

Name (line 1) Surinder Pal Singh SANGHA

Name (line 2)

Second Party

Name (line 1)

Name (line 2)

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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 Electronic Systems Limited

Name (line 2)

Address (line 1) The Grove, Warren Lane

Address (line 2) Stanmore

Address (line 3)

Middlesex
city

United Kingdom
State/Country

HA7 4LY
Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

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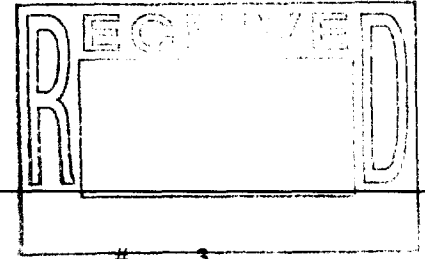
Name Alan Israel

Address (line 1) Kirschstein, Ottinger, Israel & Schiffmiller, P.C.

Address (line 2) 489 Fifth Avenue

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Patent Application Number(s)

Patent Number(s)

09/308,684

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 only if a U.S. Application Number has not been assigned.

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Alan Israel
Name of Person Signing

Signature

July 29, 1999
Date

ASSIGNMENT

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

I, Surinder Pal Singh SANGHA, a British subject, 87 West Way, Heston, Middlesex, TW5 0JE, (GB).

sell and assign to Marconi Electronic Systems Limited, a British Company, of The Grove, Warren Lane, Stanmore, Middlesex, HA7 4LY, (GB).

all my interest in the application for United States Patent Serial No: *09/308,684*

filed *MAY 21, 1999*

for improvements invented by me jointly with Brian Frederick NICHOLSON, David Michael JACOBSON, Giles HUMPSTON, James Hugh VINCENT, William Martin LOVELL

in or relating to ELECTRICAL APPARATUS

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, generally do everything possible to aid said Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention.

Signature *SS* **Date** *12th July 1999*
Surinder Pal Singh SANGHA

Witness *ALKE MORIN*

Address *30 VICARAGE LANE*

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