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Conveying Party(ies)

- List of conveying parties: 1. Rahim Tafazolli, 2. Shahram Ghaheri-Niri, 3. Jung Houn Yap.

Execution Date(s)

- Execution dates: May 30, 2003 (repeated for three parties).

Mark if Additional Names of Conveying Parties Attached

Receiving Party

Name: University of Surrey, Address: Guildford, Surrey, United Kingdom.

GU2 7XH Zip Code

Mark if Additional Names of Receiving Parties Attached

Correspondent Name and Address

Pamela J. Ruschau, 34,242 Leydig, Voit & Mayer, Ltd. Two Prudential Plaza, Suite 4900 Chicago, Illinois 60601-6780

Telephone: (312) 616-5600, Facsimile: (312) 616-5700, Attorney Docket No. 222730

Pages: Enter the total number of pages of the attached conveyance document including any attachments: 3

Application Number(s) or Patent Number(s)

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Patent Application Numbers

Patent Numbers

10/433,926

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 Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

Table with 3 columns and 2 rows for PCT application numbers.

Number of Properties

Enter the total number of properties involved: 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): 40.00

Method of Payment:

- Payment options: Enclosed is a check, Charge Deposit Account No. 12-1216.

Authorization to Charge Additional Fees to Deposit Account No. 12-1216: Yes No

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.

Pamela J. Ruschau

Handwritten signature of Pamela J. Ruschau

July 9, 2003

Name of Person Signing

Signature

Date

GH \$40.00 121216 10433926

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Rahim Tafazolli, a British citizen of
184 Mulgrave Road
Cheam
Surrey SM2 6JT
United Kingdom

Shahram Ghaheri-Niri, a British citizen of
24 Foxglove Gardens
Merrow Park
Guildford
Surrey GU4 7ES
United Kingdom

Jung Houn Yap, a British citizen of
9 Raymond Crescent
Guildford
Surrey GU2 7SU
United Kingdom

hereby sell, assign and transfer to:

University of Surrey
Guildford
Surrey GU2 7XH
United Kingdom

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

(i) the application for a United States Letters Patent entitled:

Mobile Positioning using Integrated Ad-Hoc Network

which was filed on June 6, 2003 and was amended on
(hereinafter called the application);
Serial Number 10/433,926

(ii) any and all inventions and improvement which are described in the Application;

(iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called the Patent);

(iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and

(v) all benefits under the International Convention for the Protection of Industrial
Property.

PATENT

REEL: 013785 FRAME: 0831

The Assignee and its agents are hereby authorized to insert in this instrument the filing date and serial number of said application.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

Signed at *Guildford*

This *x 30th* day of *x May 2003*.

x *Rahim Tafazoli*
Rahim Tafazoli

Signature of Witness:

Signature of Witness:

x *[Signature]*

x *Lakshmi*

Name of Witness:

Name of Witness:

x *E. DAVUT*

x *LAKSHMI CHENNELL*

Address of Witness:

Address of Witness:

x *J. Hillside Court*

x *34 ENVIS WAY*

x *Harvey Road*


GUILDFORD

x *Guildford GU13 3NA*

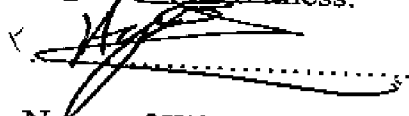
GU3 3NH

Signed at x 30th

This x day of '03


Shahram Ghaheri-Niri

Signature of Witness:

x 

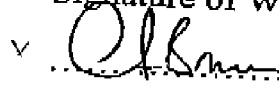
Name of Witness:

x MATEF YAMIN I

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Signature of Witness:

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x P.A. Brown

Address of Witness:


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Newbury
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Signed at x Guildford

This x 30th day of May 2003


Jung Houn Yap

Signature of Witness:

x 

Name of Witness:

x E. DARUT

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x LAKSHMI CHENNEL

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PATENT

RECORDED: 07/09/2003

REEL: 013785 FRAME: 0833