

FORM PTO-1595

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12-29-2000

DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To The Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Alan E. E. Rogers

2. Name and address of receiving party(ies):

Name: Massachusetts Institute of Technology

Additional name(s) of conveying party(ies) attached? () YES (X) NO

Street Address: 77 Massachusetts Avenue

3. Nature of Conveyance:

(X) Assignment () Merger

() Security Agreement

() Change of Name

() Other:

DEC 15 2000

City

Cambridge

State

Massachusetts

ZIP 02139

Execution Date(s): December 5, 2000

Additional name(s) & address attached? () YES (X) NO

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/679,228

B. Patent No.(s)

Additional numbers attached? () YES (X) NO

5. Name and address of party to whom correspondence concerning documents should be mailed:

Name: Michael D. Stein

Internal Address: WOODCOCK WASHBURN KURTZ

MACKIEWICZ & NORRIS LLP

One Liberty Place - 46th Floor

Philadelphia, Pennsylvania 19103-7301

Street Address: WOODCOCK WASHBURN KURTZ

MACKIEWICZ & NORRIS LLP

One Liberty Place - 46th Floor

1650 Market Street

Philadelphia, Pennsylvania 19103-7301

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41):.....\$40.00

() Enclosed

(X) Authorized to be charged to Deposit Account
Number 23-30508. Please charge any deficiency or credit any
overpayment to Deposit Account Number 23-3050

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9. 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.

Michael D. Stein, 34,734

Name of Person Signing/Reg. No.

Signature

December 12, 2000

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

12/29/2000 DNGUYEN 00000221 233050 09679228

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PATENT
REEL: 011366 FRAME: 0941

DOCKET NO.: TPI-0157

ASSIGNMENT

WHEREAS, I, **ALAN E. E. ROGERS**, herein after referred to as the assignor, residing at **4 Pierce Avenue, Ayer, Massachusetts 01432**, am a joint inventor with **LOUIS A. STILP; JOSEPH W. SHEEHAN; ROBERT J. ANDERSON; and VINEET SACHDEV** of certain inventions or improvements for which we have made application for Letters Patent of the United States, identified as Serial No. **09/679,228**, filed **October 3, 2000**, entitled **MOBILE-ASSISTED NETWORK BASED TECHNIQUES FOR A WIRELESS LOCATION SYSTEM** ; and

WHEREAS, **Massachusetts Institute of Technology**, hereinafter referred to as the assignee, of **77 Massachusetts Avenue, Cambridge, Massachusetts 02139**, a corporation of **Massachusetts**, is desirous of acquiring my entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to said assignee, my entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any re-issue or re-issues or extension or extensions of said Letters Patent, and assign to and authorize said assignee to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey my entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and I agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers,

to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all

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One Joint Inventor**

rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents of applications as aforesaid, to issue to said assignee, as assignee of my entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Alan E. E. Rogers (L.S.)
Alan E. E. Rogers

Groton, Mass. :
: SS
COUNTY OF Middlesex :

On this 5th day of December, year of 00, before me personally came the above named Alan E. E. Rogers, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

Glenn A. Lucillo
My Commission Expires Nov. 13, 2003