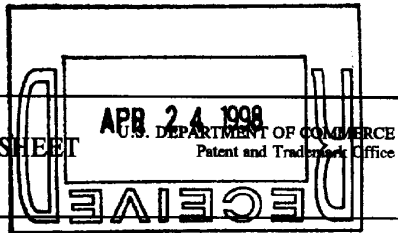


05-07-1998



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RECORDATION FORM COVER SHEET  
PATENTS ONLY



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

med 4-24-98

1. Name of conveying party(ies):

Richard Frederick Poppen  
Rodney Jude Fernandez

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: March 21, 1998 and March 26, 1998

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

Name: Etak, Inc.  
Address: 1430 O'Brien Drive  
Menlo Park, California 94025

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

A. Patent Application No.: 09/012,062

Title: A SYSTEM FOR RECALCULATING  
A PATH

Filed Date: January 22, 1998

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

If this document is being filed together with a new application, the execution date of the application is: January 22, 1998

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

Name: Martin C. Fliesler, Esq.  
Address: Fliesler, Dubb. Meyer & Lovejoy  
Four Embarcadero Center, Suite 400  
San Francisco, CA 94111  
Telephone: (415) 362-3800

6. Total Number of applications and patents involved: 1 X \$40.00 each

7. Total fee (37 CFR 3.41).....\$ 40.00  
☒ Check Enclosed

8. Fee Authorization. Authorization is given to charge any additional fees or credit any overpayment to Deposit Account No. 06-1325.

Copy. (A duplicate copy of this authorization is not enclosed.)

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.

Burt Magen  
Attorney (Reg. No.: 37,175)

Burt Magen  
Signature

April 20, 1998  
Date

10. Total number of pages to be recorded: 5 (1 page cover sheet and 4 page document).

05/06/1998 SSMITH 00000023 09012062

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40.00 UP

Attorney Docket No.: ETAK7715MCF/BBM  
/bbm/etak/7715.008

- 1 -

PATENT  
REEL: 9143 FRAME: 0144

JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

(1) Richard Frederick Poppen (2) Rodney Jude Fernandez

(3) \_\_\_\_\_ (4) \_\_\_\_\_

(hereinafter termed "Inventors"), residents of

(1) 1653 Fairorchard Avenue (2) 34280 Ethan Terrace

(3) \_\_\_\_\_ (4) \_\_\_\_\_

respectively, Cities of

(1) San Jose (2) Fremont

(3) \_\_\_\_\_ (4) \_\_\_\_\_

respectively, Counties of

(1) Santa Clara (2) Alameda

(3) \_\_\_\_\_ (4) \_\_\_\_\_

respectively, States of

(1) California (2) California

(3) \_\_\_\_\_ (4) \_\_\_\_\_

respectively, have invented certain new and useful improvements in:

**A SYSTEM FOR RECALCULATING A PATH**

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

1. \_\_\_\_\_ On the

(1) \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_; (2) \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_;

(3) \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_; (4) \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_;

respectively;

Or

2. ☒ Said application having SC/Serial Number 09/012,062 and filed on the 22<sup>nd</sup> day of January, 1998.

WHEREAS ETAK, Inc. (hereinafter termed "Assignee"), a corporation of the State of California, having a place of business at 1430 O'Brien Drive, Menlo Park, State of California, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee on the date of acknowledgement before the Notary Public as given below.

(1) Richard Poppen  
Richard Frederick Poppen

State of STATE OF CALIFORNIA  
County of COUNTY OF SANTA CLARA

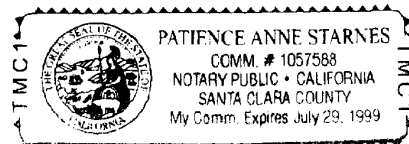
On March 31, 1998 before me, Patience Anne Starnes  
(name and title of officer)

personally appeared Richard Frederick Poppen, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his/ authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature

\*\*\*\*\*



(2) Rodney Jude Fernandez  
Rodney Jude Fernandez

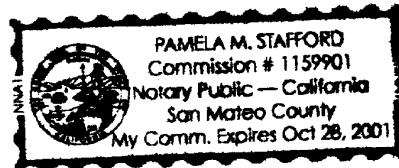
State of California )  
County of San Mateo )

On March 26, 1998 before me, Pamela M. Stafford, Notary Public  
(name and title of officer)

personally appeared Rodney Jude Fernandez, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Pamela M. Stafford



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