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U.S. DEPARTMENT OF COMMERCE

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| To the Commissioner of Patents and Trademarks: Pl   | ease record the attached original documents or copy thereof.         |  |  |  |  |
|---|--|--|--|--|--|
| 1. Name of conveying party(ies): 07/05/01   | 2. Name and address of receiving party(ies):                         |  |  |  |  |
| Illah Nourbakhsh, Tyler Morse, David Andre,<br>Ofer Matan   | Name: Blue Pumpkin Software, Inc.                                    |  |  |  |  |
| Additional name(s) of conveying party(ies) attached?  | Street Address: 884 Hermosa Court                                    |  |  |  |  |
| ☐ Yes ⊠ No  | Suite 100  |  |  |  |  |
| 3. Nature of conveyance:  | City/State/Zip: Sunnyvale, CA 94085                                  |  |  |  |  |
| Assignment  | Additional name(s) & address(es) attached?                           |  |  |  |  |
| Other   | ☐ Yes ⊠ No   |  |  |  |  |
| Execution Date: <u>6/27/01, 7/02/01</u>   |  |  |  |  |  |
| 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): 19/899895   | B. Patent No.(s):  |  |  |  |  |
| Additional numbe  | rs attached? 🔲 Yes 🛛 No  |  |  |  |  |
| Name and address of party to whom correspondence concerning document should be mailed:                                | 6. Total number of applications and patents involved: [1]            |  |  |  |  |
| Name: Michael C. Martensen Internal Address: FH 1-2 Wilson Sonsini Goodrich & Rosati 650 Page Mill Road               | 7. Total fee (37 CFR 3.41)   |  |  |  |  |
| Palo Alto, CA 94304-1050  | 8. Deposit account number: 23-2415 (Attorney Docket No.: 20191-707)  |  |  |  |  |
| DO NOT USE THIS SPACE   |  |  |  |  |  |
| 9. Statement and signature.  To the best of my knowledge and belief, the foregoing information the original document. | ormation is true and correct and any attached copy is a true copy of |  |  |  |  |
|   |  |  |  |  |  |
| Michael C. Martensen  | M. 4 Met. July 5, 2001   |  |  |  |  |
| Name of Person Signing  | Signature Date   |  |  |  |  |
| Total nur   | nber of pages including cover sheet, attachments, and document: [4]  |  |  |  |  |
|   |  |  |  |  |  |

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| ASSIGNMENT OF APPLICATION   |   |   | Docket Number 20191. 707   |  |  |  |
|---|---|---|--|--|--|--|
| Whereas, the undersigned:   |   |   |  |  |  |  |
| 1. Nourbakhsh, Illah<br>2529 Beechwood Blvd.<br>Pittsburgh, PA. 15217   | <ol> <li>Morse, Tyler</li> <li>421 Alvarado St.</li> <li>Brisbane, CA 94005</li> </ol>  | 3. Andre, David<br>1821 Sacramento St.<br>Berkeley, CA 94702  | 4. Matan, Ofer<br>310 Palo Alto Avenue<br>Palo Alto, CA 94301  |  |  |  |
| hereinafter termed "Inventors", ha  | ave invented certain new and useful im  | provements in   |  |  |  |  |
| METHOD AND APPARATUS FOR LONG-RANGE PLANNING  |   |   |  |  |  |  |
|   | cation for United States Patent was file cation for a United States Patent was ex   |   |  |  |  |  |
| Sunnyvale, CA 94085, (hereinafte<br>invention disclosed therein, and in<br>Inventors (all collectively hereina  | n and to all embodiments of the invent  | equiring the entire right, title an<br>ion, heretofore conceived, made<br>nd to any and all patents, invent   | at 884 Hermosa Court, Suite 100, dinterest in and to said application and the e or discovered jointly or severally by said or's certificates and other forms of protection   |  |  |  |
| NOW, THEREFORE, from said Assignee:   | in consideration of good and valuable   | consideration acknowledged by   | said Inventors to have been received in full   |  |  |  |
| application and said invention; (b<br>Protection of Industrial Property of<br>United States or any foreign coun   | ) in and to all rights to apply for foreig<br>or otherwise; (c) in and to any and all a<br>try, including each and every applicati  | n patents on said invention purs<br>applications filed and any and all<br>on filed and each and every pat   | entire right, title and interest (a) in and to said suant to the International Convention for the II patents granted on said invention in the ent granted on any application which is a to each and every reissue or extensions of |  |  |  |
| enjoy to the fullest extent the right<br>shall include prompt production of<br>other papers, and other assistance<br>and interest herein conveyed; (b)<br>additional applications covering so<br>other priority proceedings involving<br>to atents granted thereon, including | at, title and interest herein conveyed in<br>of pertinent facts and documents, giving<br>all to the extent deemed necessary or<br>for prosecuting any of said application<br>and invention; (d) for filing and prosec-<br>ing said invention; and (f) for legal pro-<br>g without limitation reissues and reexant<br>infringement actions and court actions | the United States and foreign congression of pet<br>g of testimony, execution of pet<br>desirable by said Assignee (a) finds; (c) for filing and prosecuting<br>uting applications for reissuance<br>ceedings involving said inventi-<br>minations, opposition proceeding | e of any said patents; (e) for interference or<br>on and any applications therefor and any<br>ags, cancellation proceedings, priority  |  |  |  |
|   | nd covenants of this assignment shall in<br>ing upon said Inventors, their respectiv  |   | mee, its successors, assigns and other legal dassigns.   |  |  |  |
| 4. Said Inventorssignment, contract, or understand  | ors hereby jointly and severally warrant<br>anding in conflict herewith.  | t and represent that they have no   | ot entered and will not enter into any   |  |  |  |
| IN WITNESS WHERE  | EOF, said Inventors have executed and   | delivered this instrument to sai  | d Assignee as of the dates written below:  |  |  |  |
| Date: 6 /27/  | 2001  | allel Vo  |  |  |  |  |
| Date: 6-27-20c  |   | Illah Nourbakhsh  Tyled Morse  Washington   | <u> </u>   |  |  |  |
| Date:   |   | David Andre   |  |  |  |  |
| Date:   |   | Ofer Matan  |  |  |  |  |
|   |   |   |  |  |  |  |

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**PATENT REEL: 011974 FRAME: 0982**  Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

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| or which an appli   | cation for United States Patent was file  | d herewith  |  |
| for which an appli  | cation for a United States Patent was ex  | secuted on, and   |  |
| Sunnyvale, CA 94085, (hereinaft invention disclosed therein, and inventors (all collectively hereinate)   | n and to all embodiments of the invent  | equiring the entire right, title a<br>ion, hereofore conceived, mad<br>nd to any and all patents, inver   | s at 884 Hermosa Court, Suite 100, and interest in and to said application and the e or discovered jointly or severally by said antor's certificates and other forms of protection   |
| NOW, THEREFORE, from said Assignee:   | in consideration of good and valuable of  | consideration acknowledged b  | y said Inventors to have been received in full   |
| application and said invention; (b<br>Protection of Industrial Property<br>United States or any foreign cour  | <ul> <li>in and to all rights to apply for foreig<br/>or otherwise; (c) in and to any and all a<br/>atry, including each and every applicati</li> </ul>   | n patents on said invention pu<br>pplications filed and any and a<br>on filed and each and every pa   | entire right, title and interest (a) in and to said insurant to the International Convention for the all patents granted on said invention in the atent granted on any application which is a to each and every reissue or extensions of |
| enjoy to the fullest extent the right<br>shall include prompt production of<br>other papers, and other assistance<br>and interest herein conveyed; (b)<br>additional applications covering;<br>other priority proceedings involve<br>patents granted thereon, including | nt, title such macrest herein conveyed in of pertineal facts and documents, giving all to the extent deemed necessary or of for prosecuting any of said application said invention; (d) for filing and prosecing said invention; and (f) for legal programming without limitation reissues and reexar infringement actions and court actions; | the United States and foreign of gof testimony, execution of polesirable by said Assignee (a) s; (c) for filing and prosecutin uting applications for reissuan eccdings involving said inventionations, opposition proceeding | ings, cancellation proceedings, priority   |
|   | nd covenants of this assignment shall in<br>ing upon said Inventors, their respectiv  |   | gnee, its successors, assigns and other legal nd assigns.  |
| 4. Said Invento assignment, contract, or understan  | ors hereby jointly and severally warrant anding in conflict herewith.   | and represent that they have r  | not entered and will not enter into any  |
| IN WITNESS WHERE  | EOF, said Inventors have executed and   | delivered this instrument to sa   | id Assignee as of the dates written below:   |
| Date:   |   |   |  |
|   |   | Illah Nourbakhsh  |  |
| Date:   |   | Tyler Morse   |  |
| Date: 7 2 1   |   | David Andre   |  |
| Date:   | <del></del>   | Ofer Matan  |  |

 $https://imap4.cs.berkeley.edu/attach/patentassign.doc?sid-h2ns6w9o0h5p8tp3\&mbox=INBOX\&charset-escaped\_unicode\&uid-900\&number=3\&filename=patentassign.doc$ 

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| NOW, THEREFORE, from said Assignee:   | in consideration of good and valuable   | e consideration acknowledged by   | said Inventors to have been received in full  |
| application and said invention; (E<br>Protection of Industrial Property<br>United States or any foreign cour  | <ul> <li>in and to all rights to apply for foreitor or otherwise;</li> <li>in and to any and all atry, including each and every application.</li> </ul>   | gn patents on said invention purs<br>applications filed and any and al<br>tion filed and each and every pat   | entire right, title and interest (a) in and to said suant to the International Convention for the ill patents granted on said invention in the ent granted on any application which is a to each and every reissue or extensions of |
| enjoy to the fullest extent the rigishall include prompt production other papers, and other assistance and interest herein conveyed; (b) additional applications covering other priority proceedings involvipatents granted thereon, includin | nt, title and interest herein conveyed in<br>of pertinent facts and documents, givit<br>all to the extent deemed necessary or<br>for prosecuting any of said applications<br>and invention; (d) for filing and prose-<br>ing said invention; and (f) for legal pro-<br>g without limitation reissues and reex-<br>infringement actions and court action | n the United States and foreign or<br>ing of testimony, execution of pet<br>r desirable by said Assignee (a) for<br>ins; (c) for filing and prosecuting<br>ecuting applications for reissuance<br>occedings involving said invention<br>aminations, opposition proceeding | e of any said patents; (e) for interference or<br>on and any applications therefor and any<br>igs, cancellation proceedings, priority   |
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| Date:   |   | Illah Nourbakhsh  |   |
| Date:   |   | Tyler Morse   |   |
| Date:   |   | D. I.   |   |
| Date: 6-27-6/   |   | David Andre Ofer Matah  | 1 1   |

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**RECORDED: 07/05/2001**