| U.S. DEPARTMENT OF COME U.S. Patent and Trademark U.S. Patent And Tra  | 3/8/04 03-23   | 2004   |
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| 1. Name of conveying party(ies):    CAY  | For 7TO-1595 R1  NB √1 (10/02)  OMB No. 0651-0027 (exp. 6/30/2005)  Tab settings ⇔ ⇔ ▼ 1 027 | U.S. DEPARTMENT OF COMMERCI<br>U.S. Patent and Trademark Office                                |
| 3. Nature of conveyance:  Assignment Merger  Street Address: 47123 Buse Rd, B2282/S257  City: Patuxent River State: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attached? Yes Late: MD Zip: 20670  Additional name(s) & address(s) attache | Name of conveying party(ies):  | 2. Name and address of receiving party(ies)  |
| City: Patuxent River State: MD Zip: 20670  Additional name(s) & address(es) attached? Yes   4. Application number(s) or patent number(s): (0/224,866  If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s)  Additional numbers attached? Yes   B. Patent No.(s)  Additional number of applications and patents involved concerning document should be mailed:  Name: Mark Glut  Internal Address: NAVAIR, Air-11.2  47123 Buse Rd, B2272/S257  City: Patuxent River State: MD Zip: 20670  DO NOT USE THIS SPACE  9. Signature.  Additional name(s) & address(es) attached? Yes   Additional name(s) & address(es) attached? Yes   Yes   Additional name(s) & address(es) attached? Yes   Yes   Yes   Additional name(s) & address(es) attached? Yes   Yes   Additional name(s) & address(es) attached? Yes   Additional name(s) & address(es) attached? Yes   Yes   Additional name(s) & address(es) attached? Yes   B. Patent No.(s)  5. Name and address of party to whom correspondence concerning document should be mailed:  7. Total fee (37 CFR 3.41)   | 3. Nature of conveyance:  Assignment Merger  Security Agreement Change of Name               | Street Address: 47123 Buse Rd, B2282/S257  |
| If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s)  B. Patent No.(s)  B. Patent No.(s)  B. Patent No.(s)  6. Total number of applications and patents involved concerning document should be mailed:  Name: Mark Glut  Internal Address:  Internal Address:  Street Address:  NAVAIR, Air-11.2  47123 Buse Rd, B2272/S257  City: Patuxent River State: MD Zip: 20670  DO NOT USE THIS SPACE  9. Signature.  MAUNU  2/25/04   | , ,  | City: Patuxent River State: MD Zip: 20670  Additional name(s) & address(es) attached? Yes V No |
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| concerning document should be mailed: Name: Mark Glut  Internal Address:   |  |  |
| Internal Address: Enclosed  Authorized to be charged to deposit account  8. Deposit account number:  Street Address: NAVAIR, Air-11.2  47123 Buse Rd, B2272/S257  City: Patuxent River State: MD Zip: 20670  DO NOT USE THIS SPACE  9. Signature.  MARK O. GLUT Mal MM 2/25/04   | concerning document should be mailed:  |  |
| Street Address: NAVAIR, Air-11.2  47123 Buse Rd, B2272/S257  City: Patuxent River State: MD Zip: 20670  DO NOT USE THIS SPACE  9. Signature.  MARK O. GLUT  Mal UM  2/25/04  | Name   |  |
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## CONFIRMATORY INSTRUMENT AND POWER TO INSPECT

PD-02W064

Application Title:

SYSTEM AND METHOD FOR DETECTION OF IMAGE EDGES USING A

POLAR ALGORITHM PROCESS

Inventor(s):

Larry G. Krause

Serial Number:

10/224,866

Prime Contract: N00019-95-C-0120

Filing Date:

08/21/02

Contractor: RAYTHEON COMPANY

The invention identified above is a "Subject Invention" under Patent Rights clause FAR 52.227-12 dated June 1989, included in Contract No.N00019-95-C-0120, with the Department of the Navy, which clause does not include the communications satellite paragraph DAR 7-302.23(g). This document is confirmatory of the paid-up license granted to the Government under this contract in this invention, patent application and any resulting patent, and of all other rights acquired by the Government by the referenced clause.

The Government is hereby granted an irrevocable power to inspect and make copies of the aboveidentified patent application.

Signed this second day of December, 2003.

Attest:

RECORDED: 03/08/2004

Assistant Secretary

**RAYTHEON COMPANY** 

Glenn H. Lenzen.

Vice President

Intellectual Property & Licensing

(Seal)

09-510 (5/94)

**PATENT** REEL: 015109 FRAME: 0739