| 11/8/04 | 11-10- | 2004 | | |
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| Form PTO-1595 (Rev. 10/02) | | | U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office | |
| OMB No. 0651-0027 (exp. 6/30/2005) | 102878 | | O.O. Faterit and Trademark Office | |
| Tab settings ⇔ ⇔ ▼ | <u>V</u> | | <u> </u> | |
| To the Honorable Commissioner of Paten | ts and Trademarks: | | | |
| Name of conveying party(ies): Christopher W. Mutz Leonid I. Perlovsky Robert J. Linnehan | | Name and address of receiving party(ies) Name: Government of the United States of America as represented by the Secretary of the Air Force Internal Address: ESC/JAZ | | |
| | | | | Additional name(s) of conveying party(ies) attached |
| 3. Nature of conveyance: | | | | |
| ✓ Assignment | ✓ Assignment | | 40 Wright Street | |
| Security Agreement Change of Name Other | | Street Address: 40 Wright Street Bldg 1120 | | |
| | | | | |
| Execution Date: 5 May 04, 5 May 04, 5 May 04 | | | | |
| | | Additional name(s) & ad | dress(es) attached? Yes No | |
| 4. Application number(s) or patent number | , , | | | |
| If this document is being filed together | - · · | 1 | | |
| A. Patent Application No.(s) 10/847,0 | | B. Patent No.(s) | | |
| | | | | |
| | Iditional numbers att | | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: Name: ESC/JAZ | | 6. Total number of applications and patents involved: 1 | | |
| | | 7. Total fee (37 CFR 3.41)\$_\$_\$ | | |
| Internal Address: | | Enclosed | | |
| | | Authorized to be charged to deposit account | | |
| | | - | | |
| Street Address: 40 Wright Street | | 8. Deposit account nur | mber: | |
| | | o. Deposit account nui | | |
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| City: Hanscom AFB State: MA Zip: 017 | 31-2903 | | | |
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| 9. Signature. | | | | |
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| JULIAN L. SIEGEL | | W. 1 Kiend | 4 Nav 2004 | |
| Name of Person Signing | | Signature / | Date | |
| | | sheet, attachments, and doc | | |
| ↑ Comm | nissioner of Patents & T | required cover sheet information rademarks, Box Assignments | on to: | |
| HGETACHE 00000128 010465 10847023 | Washington, | D.C. 20231 | | |
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REEL: 015961 FRAME: 0303

all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary for the preparation of filing of such domestic applications, or for the Government to exercise its option granted hereunder, except that it shall be understood that I shall not be subject to any out-of-pocket expense relative to such action.

Inventor ROBERT J. LINNEHAN

STATE OF: Massachuse et s

Ss.

COUNTY OF: Middlesex and state of Massachusetts, on this 5th day of May , 2004, personally appeared ROBERT J. LINNEHAN, who being duly sworn did say that he is the inventor who signed the above Assignment and acknowledged said Assignment to be his free act and deed.



Notary Public

Mycommission Expires 28 Jan 2011

PATENT REEL: 015961 FRAME: 0304 Application Serial No: 10/847,023 Filed: 14 May 2004

AF Invention No. AFB00692

ASSIGNMENT (JOINT-EXECUTIVE ORDER)

| WHEREAS, we, Christopher W. Mutz and Leonid I. Perlovsky, while |
|--|
| employed by the Government of the United States, made an invention, entitled |
| DYNAMIC LOGIC ALGORITHM USED FOR DETECTING SLOW-MOVING |
| OR CONCEALED TARGETS IN SYNTHETIC APERTURE RADAR (SAR) |
| IMAGES and described in application for Letters Patent of the United States executed by |
| us on or about the $\frac{4}{3}$ day of $\frac{4}{3}$, 2004 and on the $\frac{4}{3}$ day of |
| $\mathcal{M}\mathcal{A}\mathcal{F}$, 2004. |

WHEREAS, the conditions under which said invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, we, Christopher W. Mutz and Leonid I. Perlovsky, joint inventors, have sold, assigned and transferred and by these presents do sell, assign and transfer unto the Government of the United States of America as represented by the Secretary of the Air Force, our entire right, title and interest throughout the world, in and to the aforesaid invention described in the aforesaid application for Letters Patent of the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions and reissues or extensions thereof; we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the Government of the United States of America, as represented by the Secretary of the Air Force, and his/her successors, as assignee of our entire right, title and interest in and to the same throughout the United States of America, its territories and dependencies, for the sole use for the full term or terms for which said Letters Patent and any continuations, including continuations-in-part, divisions and reissues or extensions thereof are, or may be granted as fully and entirely as the same would have been held by us, Christopher W. Mutz and Leonid I. Perlovsky, had this assignment not been made; and we do hereby also grant unto the Government of the United States as represented by the Secretary of the Air Force, our right, title and interest in said invention or all applications for Letters Patent thereon in all countries foreign to the United States in which the Government of the United States may file, or cause to be filed, applications for Letters Patent, without payment to us of any further consideration; provided, however, that this grant to take foreign rights in our invention, or applications for Letters Patent thereon, shall have force and effect only as to such applications filed in foreign countries, within six months of the filing date of any application herein, and that all foreign rights not exercised under this grant are left to us subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States in any patent which may issue

PATENT RECORDED: 11/08/2004 REEL: 015961 FRAME: 0305