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United States Patent and Trademark Office

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RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Dr. Douglas J. Nelson
Dr. David C. SmithAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 5 February 2007

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: National Security Agency

Internal Address: Attn: AGC(IP&T), Suite 6542

Street Address: 9800 Savage Road

City: Ft. George G. Meade

State: MD

Country: USA Zip: 20755-6542

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

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: National Security Agency

Internal Address: Attn: AGC(IP&T), Suite 6542

Street Address: 9800 Savage Road

City: Ft. George G. Meade

State: MD Zip: 20755-6542

Phone Number: 301-688-0287

Fax Number: 301-688-0076

Email Address: jpferra@nsa.gov

6. Total number of applications and patents involved: One (1)

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 140381
Expiration Date 03/02/07

b. Deposit Account Number 14-0381

Authorized User Name Jennifer P. Ferragut

9. Signature:

Signature

Date

JENNIFER P. FERRAGUT

Name of Person Signing

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450PATENT
REEL: 018977 FRAME: 0326

ASSIGNMENT
(Government Employee)

TITLE:

Method of Signal Processing for Determining Range and Velocity of An Object

INVENTORS:

Dr. Douglas J. Nelson; Dr. David C. Smith

We, the undersigned inventors, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-identified invention was made, hereby:


1. Assign to the Government of the United States, as represented by the Director, National Security Agency, the entire right, title, and interest throughout the world in and to the above-identified invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent.

2. Agree to provide any further information within my knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of the interferences and recording of title to patent applications and patents.

INVENTOR: Dr. Douglas J. Nelson

ADDRESS: (City) Columbia (County) Howard
(State) Maryland

DATE: 5 Feb, 2007

SIGNATURE: 

INVENTOR: Dr. David C. Smith

ADDRESS: (City) Columbia (County) Howard
(State) MD

DATE: 2/5/07

SIGNATURE: David Smith

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Dr. Douglas J. Nelson; Dr. David C. Smith

Application No./Patent No.: _____ Filed/Issue Date: _____

Entitled: Method of Signal Processing For Determining Range and Velocity of An Object

National Security Agency, a U. S. Government Agency
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
 (The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

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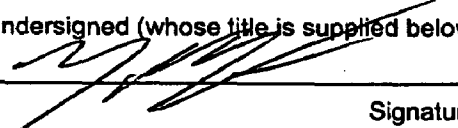
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 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



 Signature

215107

 Date

JENNIFER P. FERRAGUT

 Printed or Typed Name

301-688-0287

 Telephone Number

 Patent Attorney
 Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 018977 FRAME: 0328

State of **Maryland**)
)
County of **Anne Arundel**)

On 5 February 2007 (date), known to me to be the individuals described in and who executed the foregoing instrument, duly appeared before me and acknowledged to me that he or she executed the same as their own free act and deed.

(SEAL)

Marian R Compton
(Signature)



MARIAN R. COMPTON
Notary Public, State of Maryland
Anne Arundel County
My Commission Expires September 27, 2009