

**MRA**

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SHEET

OMB No. 0651-0011 (exp. 4/94)

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Tab settings

To the Honorable Commissioner of Patent

100969942

Attached original documents or copy thereof.

1. Name of conveying party(ies):  
CLARK L. ALLRED

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

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: 7 August 1998

2. Name and address of receiving party(ies)  
 Name: UNITED STATES AIR FORCE  
 Internal Address: \_\_\_\_\_  
ESC/JAZ  
40 Wright Street  
 Street Address: \_\_\_\_\_  
 City: Hanscom AFB State: MA ZIP: 01731-2903  
 Additional name(s) & address(es) attached?  Yes  No

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)  
09/137,868

B. Patent No.(s)

Additional numbers attached?  Yes  No

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40  
 Enclosed  
 Authorized to be charged to deposit account

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: JULIAN L. SIEGEL  
 Internal Address: \_\_\_\_\_  
ESC/JAZ  
 Street Address: 40 Wright Street  
 City: Hanscom AFB State: MA ZIP: 01731-2903

8. Deposit account number:  
AF 01-0465  
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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.*

JULIAN L. SIEGEL  
 Name of Person Signing

*Julian L. Siegel*  
 Signature

29 January 1999  
 Date

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

Mail documents to be recorded with required cover sheet information to

02/17/1999 JMWTKING:00000105 010465 09137868 00.00 CH 06501

PATENT

**ASSIGNMENT  
(SOLE-EXECUTIVE ORDER)**

**AFB00420**

Serial No. 09/137,868  
filed: 14 August 1998

WHEREAS, I, **Clark L. Allred**, while employed by the Government of the United States, made an invention entitled **Algorithm for Rapid Endmembers Determination (ALRED) in Hyperspectral Data** and described in application for Letters Patent of the United States executed by me on or about the 7<sup>th</sup> day of August, 1998;

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, I, **Clark L. Allred**, the inventor, 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, my entire right, title and interest throughout the United States of America, its territories and dependencies, 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, divisions and reissues or extensions thereof; I 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 my 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, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by me had this assignment not been made; and I do hereby also grant unto the Government of the United States as represented by the Secretary of the Air Force, the option to take all of the 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 me of any further consideration; provided, however, that this grant of an option to take foreign rights in my 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 for United States Letters Patent covering my invention, or within six months from the declassification of my invention, whichever is later, and that all foreign rights not exercised under the option are left to me subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States in any patent which may issue on said invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government of the United States and/or in furtherance of the foreign policies of the

**PATENT  
REEL: 9767 FRAME: 0856**

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

Inventor Clark L. Allred  
Clark L. Allred

STATE OF: Mass

COUNTY OF: Middlesex ss.

Before me, a Notary Public in and for the county of Middlesex and state of Mass, on this 7 day of August, 1998, personally appeared **Clark L. Allred**, 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.

(Seal)



\_\_\_\_\_  
Notary Public