

05-02-2007

U.S. PTO  
11/786260  
04/11/2007

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



103400744

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.

J. 11. 07

1. Name of conveying party(ies)

DANIEL H. ATCHLEY, JOHN R. HICKMAN and CRAIG T. NARASAKI

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

2. Name and address of receiving party(ies)

Name: United States, as represented by the Secretary of the

Internal Address: Air Force

Street Address: AFMCLO/JAZ, Bldg 11, Room 100,

2240 B Street

City: Wright-Patterson AFB

State: OH

Country: USA Zip: 45433-7109

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

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

Execution Date(s) 5, 6, 9 April 2007

Assignment  Merger

Security Agreement  Change of Name

Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other \_\_\_\_\_

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

Docket No. AFD 808

BYRNE 00000027 010465 11786260

40.00 DA

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: PAUL D. HEYDON

Internal Address: \_\_\_\_\_

Street Address: AFMCLO/JAZ, Bldg 11, Room 100,

2240 B Street

City: Wright-Patterson AFB

State: OH Zip: 45433-7109

Phone Number: (937) 904-5026

Fax Number: (937) 255-3733

Email Address: \_\_\_\_\_

6. Total number of applications and patents involved: 1

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

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 \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number AF 01-0465

Authorized User Name Dept of the Air Force

9. Signature:

Paul D Heydon  
Signature

11 April 2007  
Date

PAUL D. HEYDON  
Name of Person Signing

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

4

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. 22313-1450

05/02/2007  
01 FC:8021

ASSIGNMENT

WHEREAS We, DANIEL H. ATCHLEY, JOHN R. HICKMAN and CRAIG T. NARASAKI, while employed by the United States of America, made an invention entitled DIFFERENTIAL MULTIPLEXING WITH PATTERN RECOGNITION, described in an application for Letters Patent of the United States executed by us on the 5<sup>TH</sup> day of April, 2007, the \_\_\_\_\_ day of April, 2007, and the \_\_\_\_\_ day of April, 2007, respectively;

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

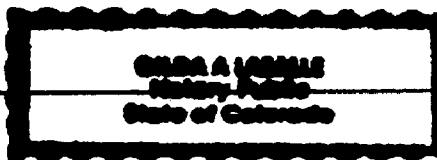
NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, We, DANIEL H. ATCHLEY, JOHN R. HICKMAN and CRAIG T. NARASAKI, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, our entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; We hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of our entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, 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 had this Assignment not been made; and We 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 or convenient for the preparation, filing, or prosecution of such applications, except it is understood that We shall not be subject to any out-of-pocket expense relative to such action.

Daniel H. Atchley  
DANIEL H. ATCHLEY

SIGNED and acknowledged before me this 5<sup>TH</sup> day of April, 2007, at 1055, County of EL PASO, and State of CO. expires 11/20/2010

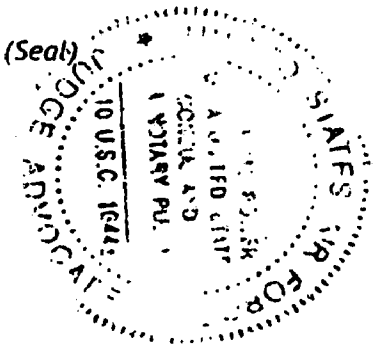


Gilda A. LaSalle  
Notary Public



John R. Hickman  
JOHN R. HICKMAN

SIGNED and acknowledged before me this 9<sup>th</sup> day of April, 2007, at Wichita Falls County of TX  
Bexar, and State of TX.

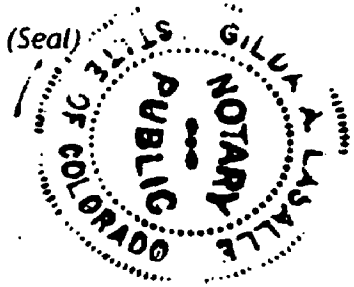


Guadalupe L. Fierro  
Notary Public

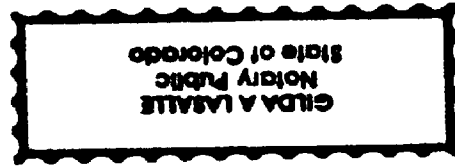
GUADALUPE L. FIERRO, DL USAF  
Paralegal  
Notary by Federal Statute Title 10 USC 1044a

Craig T. Narasaki  
CRAIG T. NARASAKI

SIGNED and acknowledged before me this 6 day of April, 2007, at <sup>1278</sup>~~El Paso~~, County of EL PASO, and State of CO.



Gilda A. Lasalle  
Notary Public



Expires: 4/20/2010