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To the Director of the U.S. Patent and Trademark Office

Documents or the new address(es) below.

**1. Name of conveying party(ies)**  
 Elizabeth S. Richards

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

**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

**3. Nature of conveyance/Execution Date(s):**  
 Execution Date(s) 30 January 2008

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)  
11/681,955

B. Patent No.(s)

Additional numbers attached?  Yes  No

OPR/FINANCE  
 FEB - 7 PM 1:26

**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: efroehl@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 \_\_\_\_\_  
 Expiration Date \_\_\_\_\_

b. Deposit Account Number 14-0381  
 Authorized User Name Eric Froehlich

**9. Signature:** Eric Froehlich Signature 30 Jan. 2008 Date

ERIC FROELICH  
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:  1  2

ASSIGNMENT  
(Government Employee)

TITLE:  
Autonomic Retention Classes

INVENTORS:  
Elizabeth S. Richards

I, the undersigned inventor, 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: Elizabeth S. Richards

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

DATE: 30 Jan 2008

SIGNATURE: [Signature]

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

On 30 January 2008 (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)

[Signature]  
(Signature)



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