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(Rev. 10/02)

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OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings ⇒ ⇒ ⇒

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Lisa M. Marvel Charles T. Retter

2. Name and address of receiving party(ies)

Name: United States of America as
represented by the Secretary of The Army
Internal Address: _____

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Street Address: _____

City: Washington State: DC Zip: _____

Execution Date: 2/1/99

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)

09/257,136

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: U.S. Army Research Laboratory

Internal Address: ATTN. AMSRL CS CC IP

Street Address: 2800 Powder Mill Road

City: Adelphi State: MD Zip: 20783

6. Total number of applications and patents involved:

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

19-2201

(Attach duplicate copy of this page if paying by deposit account)

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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.

William Randolph
Name of Person Signing

William Randolph
Signature

March 10, 2003
Date

Total number of pages including cover sheet, attachments, and documents 4

Mail documents to be recorded with required cover sheet information to
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ARL 98-36

ASSIGNMENT OF INVENTION

For use of this form, see AR 27-80; the proponent agency is OTJAG

Title of Invention: Spread Spectrum Image Steganography
 Inventor(s): Charles G. Boncelet, Jr., Lisa M. Marvel and Charles T. Retter
 * Application Serial No.: 09/257,136
 * Date Oath Executed: 2/1/99 * Filing Date: 2/11/99

(*Data not known at execution may be added for better identification.)

I (We), the undersigned inventor(s), in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any renewal or extension of said Letters Patent.

2. Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.

3. Agree to provide any further information within my (our) knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor: *Charles G. Boncelet, Jr.* *LM* *Lisa M. Marvel*
 (First name) (Middle Initial) (Last name)

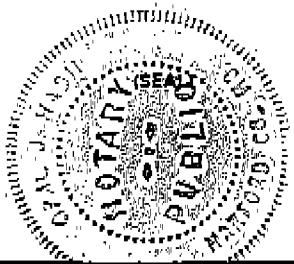
Duty Address: US ARL AMSRL-IS-TP Aberdeen Proving Ground, Harford Maryland
 (Locality) (Country) (State) 21005-5055

Date: Feb 1, 1999 Typed Name of Inventor: Lisa M. Marvel

State of MARYLAND)
 County of HARFORD) SS.

On the above date Lisa M. Marvel known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same as his own free act and deed.

Opalyn Hash
 (Signature of notary public)



My Commission expires on Jan 1, 2001

PATENT

SUPPLEMENTAL SIGNATURE SHEET

For use of this form, see AR 27-60; the proponent agency is OTJAG

Use this form with DA Forms 2873-R and 2874-R when additional signature blocks are needed.

1. ASSIGNOR(s) OR LICENSOR(s) NAME(s) Charles G. Boncelet, Jr., Lisa M. Marvel and Charles T. Retter	2. APPLICATION SERIAL NUMBER 09/257,136
3. FILING DATE 2/11/99	

4. TITLE OF INVENTION
Spread Spectrum Image Steganography

SIGNATURE OF INVENTOR: Charles T. Retter
(First name) (Middle initial) (Last name)

DUTY ADDRESS: US ARL AMSRL-IS-TP Aberdeen Proving Ground Harford Maryland

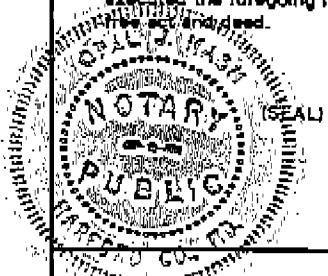
DATE SIGNED: 1 FEB 99 INVENTOR'S TYPED NAME: Charles T. Retter

STATE OF MARYLAND)
 COUNTY OF HARFORD) SS.

On the above date Charles T. Retter known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

[Signature]
(Signature of notary public)

My Commission expires on Jan 1, 2001



SIGNATURE OF INVENTOR: _____
(First name) (Middle initial) (Last name)

DUTY ADDRESS: _____

DATE SIGNED: _____ INVENTOR'S TYPED NAME: _____

STATE OF _____)
 COUNTY OF _____) SS.

On the above date _____ known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

(SEAL)

(Signature of notary public)

My Commission expires on _____