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US DEPARTMENT OF COMMERCE

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

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07/01/02

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Name: UNITED STATES AIR FORCE

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

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[X] This instrument should be recorded on the governmental register in accordance with 37 CFR 7.1(e)(1).

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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):

B. Patent No.(s):

10/102,367

Additional numbers attached? \_\_\_ Yes \_\_\_ No

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

6. Total number of applications and patents involved:

1

Name: Catherine A. Schulz

7. Total fee (37 CFR 3.41) ..... \$ 0

Internal Address: ESC/JAZ

\_\_\_ Enclosed [X] Not Applicable

Street Address: 40 Wright Street Bldg 1120

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CATHERINE A. SCHULZ

Catherine A. Schulz

19 June 2002

Name of person signing

Signature

Date

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

2

**CONFIRMATORY INSTRUMENT**

**Application for:** Method And Coding Means For Error-Correction  
Utilizing Concatenated Parity And Turbo Codes

**Inventor(s):** John M. Shea

**Serial No.:** 10/102,367

**Filing Date:** March 20, 2002

**Contract No.:** F19628-95-C-0002

**Contractor:** Massachusetts Institute of Technology, Lincoln Laboratories

**SubContractor:** UNIVERSITY OF FLORIDA

The invention identified above is a "Subject Invention" under the Patent Rights clause included in Contract Number F19628-95-C-0002 with United States Department of Defense, United States Air Force.

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By   
David L. Day, Director  
Office of Technology Licensing