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FORM PTO-1595	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of P 101965874 Ittached original documents or copy thereof. 1. Name of conveying party(ies): 101965874 Iddress of receiving party(ies):	
TRW, INC. Inited States Air Force	
Additional name(s) of conveying party(ies) attached? Yes X No	Internal Address: AFMC LO/JAZ
3. Nature of conveyance:	Street Address: 2240 B Street, Room 100
Assignment Assignment Getarger Security Agreement Confirmatory License	City: Wright-Patterson Air Force Base
	State: Ohio Zip: 45433-7109
Execution Date(s): 20 July 2001	
This instrument should be recorded on the governmen- tal register in accordance with 37 CFR 7.1(e)(1).	Additional name(s) & address(es) attached? D Yes 🗵 No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the execution date cf the application is:	
A. Patent Application No.(s):	B. Patent No.(s):
09/572,817	
Additional numbers attached?	
 Name and address of party to whom correspondence concerning document should be mailed: 	 Total number of applications and patents involved: 1
Name: Fredric L. Sinder	
Internal Address: AFMC LO/JAZ	7. Total fee (37 CFR 3.41)\$0
Street Address: 2240 B Street, Room 100	 Enclosed Not applicable The instrument to be recorded is not an instrument
	affecting title (37 CFR 3.41(b)).
City: Wright-Patterson Air Force Base	
State: Ohio ZIP: 45433-7109	 Deposit account number: (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. $\sum \sum \alpha = 0$	
Fredric L. Sinder	Signature Date
Total number of pages including cover sheet, attachments, and document:	

1

CONFIRMATORY LICENSE

Application for:SINGLE BIT ERROR CORRECTION, DOUBLE BURST
ERROR DETECTION TECHNIQUEInventor(s):Lance M. Bodnar and Gregory P. ChapelleSerial No.:09/572,817Filing Date (U.S.):May 17, 2000Contract No.:F33657-91-C-0006Contractor:TRW Inc.Foreign Applications filed or intended to be filed at
Contractor's expense in (countries):

The invention identified above is a "Subject Invention" under Patent Rights clause 52.227-12, included in Contract No. F33657-91-C-0006 with the appropriate Government Entity.

Accordingly, this document is confirmatory of the paid-up license required to be granted to the Government under Clause 52.227-12(b) of this contract in this invention, patent application and any resulting patent, and of all other rights acquired by the Government by the referenced clause, a copy of which is attached hereto and incorporated by reference herein. The undersigned certifies the attached copy to be a true copy of said clause. It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 20th day of July , 2001.

By:

Assistant Secretary

Address: TRW Inc. Law Dept. One Space Park, Bldg. E2/6051 Redondo Beach, CA 90278 Tele.: (310) 812-4910 FAX: (310) 812-2687

TRW DOCKET NO. 20-0095

RECORDED: 01/23/2002