SUBSTITUTE RE(U.S. DEPARTMENT OF COMMERCE
FORM PTO-1595 05 - 23 - 2	Patent and Trademark Office
	HILA HARRA BAHA 1891 1884
To the Honorable Commissioner of Pa	ached original documents or copy thereof.
1. Name of conveying party(ies): 102455	259 Idress of receiving party(ies):
The Aerospace Corporation 5-14-03	Name: United States Air Force
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Internal Address: AFMC LO/JAZ MAY 1 4 2003
3. Nature of conveyance:	Street Address: 2240 B Street Room COTRAGE
☐ Assignment ☐ Merger	Street Address: 2240 B Street, Room COTRAD
☐ Security Agreement ☐ Change of Name ☑ Other <u>Confirmatory License</u>	City: Wright-Patterson Air Force Base
	State: Ohio Zip: 45433-7109
Execution Date(s): March 10, 2003	
☑ This instrument should be recorded on the governmental register in accordance with 37 CFR 7.1(e)(1).	Additional name(s) & address(es) attached? □ Yes 図 No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, t	he execution date of the application is:
A. Patent Application No.(s):	B. Patent No.(s):
09/307,231	6,411,661
Adam	
Additional numbers attact 5. Name and address of party to whom correspondence	hed? ☐ Yes ☒ No 6. Total number of applications and patents involved:
concerning document should be mailed:	
	1
	1
concerning document should be mailed:	7. Total fee (37 CFR 3.41)\$0
concerning document should be mailed: Name: Fredric L. Sinder	1
Name: Fredric L. Sinder Internal Address: AFMC LO/JAZ	7. Total fee (37 CFR 3.41)\$ □ Enclosed
Name: Fredric L. Sinder Internal Address: AFMC LO/JAZ Street Address: 2240 B Street, Room 100	7. Total fee (37 CFR 3.41)\$0 □ Enclosed ⊠ Not applicable
Name: Fredric L. Sinder Internal Address: AFMC LO/JAZ Street Address: 2240 B Street, Room 100 City: Wright-Patterson Air Force Base	7. Total fee (37 CFR 3.41)
Concerning document should be mailed: Name: Fredric L. Sinder Internal Address: AFMC LO/JAZ Street Address: 2240 B Street, Room 100	7. Total fee (37 CFR 3.41)\$ 0 □ Enclosed
Concerning document should be mailed: Name: Fredric L. Sinder Internal Address: AFMC LO/JAZ Street Address: 2240 B Street, Room 100 City: Wright-Patterson Air Force Base State: Ohio ZIP: 45433-7109	7. Total fee (37 CFR 3.41)
City: Wright-Patterson Air Force Base	7. Total fee (37 CFR 3.41)
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PATENT REEL: 014083 FRAME: 0336



Cnli9713.348 February 27, 2003

Confirmatory License

Application For:

Digital Timing Recovery Loop for GMSK Demodulators

Inventor(s):

T. M. Nguyen, J. K. Holmes, S. H. Raghavan

Serial No.:

09/307,231

Contract No.: F04701-93-C-0094

Patent No.:

6,411,661

Filing Date:

05/07/99

Contractor: The Aerospace Corporation

The invention identified above is a "Subject Invention" under Patent Rights clause FAR 52.227, which is included in Contract No. F04701-93-C-0094, with the Department of the Air Force. This document confirms the rights acquired by the Government through the referenced clause, including a paid-up license in this invention, corresponding patent applications and in any resulting patents.

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

Date Signed:__

Mch 10, 2005

Contractor: The Aerospace Corporation

ву

Gordon J. Louttit

Senior Vice President, General Counsel and Secretary

Business Address:

P.O. Box 92957, M1/040

Los Angeles, CA 90009

An Equal Opportunity Employer

REEL: 014083 FRAME: 0337