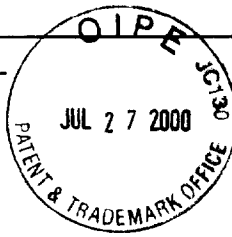


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**CONFIRMATORY INSTRUMENT
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Application Title: "MULTIPLE ANALOG TO DIGITAL CONVERTER CLOCK PHASE
ALIGNMENT TECHNIQUE USING VARACTOR DIODES"
Inventor: Roy G. Hatfield
Serial Number: 09/553648 Prime Contract No. DAAB07-97-C-D614
Filing Date: April 21, 2000 Contractor: Raytheon Company

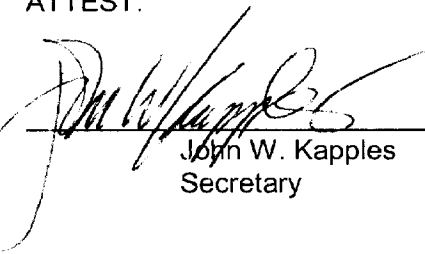
The invention identified above is a "Subject Invention" under Patent Rights Clause FAR 52,227-12, dated January 1997, included in Contract No. DAAB07-97-C-D614 with the Department of the Army, which clause does not include the communications satellite paragraph DAR 7-302.23(g).

This document is confirmatory of the paid-up license granted to the government under this contract in this invention, patent application and any resulting patent, and of all other rights acquired by the Government by the referenced clause.

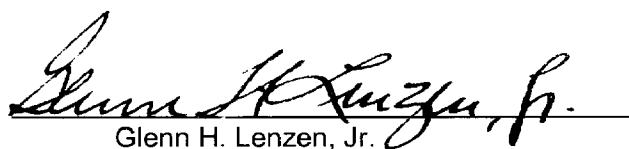
The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this twelfth day of May, 2000.

ATTEST:



John W. Kapples
Secretary



Glenn H. Lenzen, Jr.
Vice President
Intellectual Property and Licensing

(Internal Docket No. PD-99W170)