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MRD 11-16-98

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Name (line 1) Brent L. Bedford, Julie E. Kub, Teresa G. Sparkman,

10/2/98

Name (line 2) Bradley J. Ramsey and Robert S. Stafford

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Patent Application Number(s)

Patent Number(s)

08937868

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Signature

NOV 10 1998

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Date

**ASSIGNMENT OF PATENT RIGHTS**

We, Brent L. Bedford, Julie E. Kub, Teresa G. Sparkman, Bradley J. Ramsey and Robert B. Stafford have invented a Method for Characterizing Air Traffic Control Radar Beacon System Antenna Patterns and have filed an application for United States Letters Patent on September 25, 1997 Application No. 08/937,868. Under applicable law and government regulations, rights in the invention are required to be assigned to the United States of America because of the circumstances under which the invention was made.

The United States of America, as represented by the Secretary of Commerce, wishes to acquire the world wide rights to this invention. Therefore, we assign to the United States of America, as represented by the Secretary of Commerce, our full and exclusive rights throughout the world to this invention. By granting the assignment, we become eligible to share royalties with the Department of Commerce if it licenses our invention. This invention and its derivative applications and Letters Patent are to be held by the United States of America for the full term for which

such Letters Patent may be granted as completely as they would have been held by us had we not made this assignment.

We agree to make, execute, and deliver to the Secretary of Commerce all documents in such usual or other forms, terms, or contents as may be required by the Secretary for the prosecution of all applications arising from this invention, as well as after issuance of Letters Patent, and for the settlement of any interferences or other actions or proceedings these applications and Letters Patent may encounter. We will aid the United States of America in every way to protect the invention as requested by the Secretary, except that any expenses arising through such assistance will be borne, through proper arrangement, by the United States of America.

We warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements, oral, written, or implied, that will impair the interests conveyed in this assignment at the time we execute this instrument.

IN TESTIMONY WHEREOF, We sign.

*Brent Bedford*

Brent L. Bedford

*10-2-98*

Date

*Julie E. Kub*

Julie E. Kub

*10-2-98*

Date

*Teresa G. Sparkman*

Teresa G. Sparkman

*10-2-98*

Date

*Bradley J. Ramsey*

Bradley J. Ramsey

*10-6-98*

Date

*Robert B. Stafford*

Robert B. Stafford

*10-2-98*

Date