U.S. DEPARTMENT OF COMMERCE Form PTO-1595 RE( U.S. Patent and Trademark Office (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) 102495469 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name and address of receiving party(ies) 1. Name of conveying party(ies): Name: \_ Raytheon Company Amin G. Jaffer Internal Address: Intellectual Property and Licensing Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: Merger Assignment Street Address: Security Agreement Change of Name 141 Spring Street Other\_\_\_\_\_ Zip: 02421-7899 State: MA Lexington 6/25/03 Execution Date: 4. Application number(s) or patent number(s): Attorney Docket No. PD-02W205 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) Additional numbers attached? Yes No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$\_\_\_\_\_\$ Name: Raytheon Company Internal Address:\_\_\_ Enclosed Authorized to be charged to deposit account 8. Deposit account number: P.O. Box 902 (E4/N119) Street Address: 50-0616 El Segundo (Attach duplicate copy of this page if paying by deposit account) CA 90245-0902 Zip:\_\_\_\_\_ State:\_\_\_\_ DO NOT USE THIS SPACE 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. 06/26/2003 Leonard A. Alkov, 30,021 Date Name of Person Signing

> Total number of pages including cover sheet, attachments, and documents: L Mail documents to be recorded with required cover sheet information to:

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10609029 Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

PATENT REEL: 014248 FRAME: 0527

## ASSIGNMENT

WHEREAS, I, as below named sole inventor of the city and state as stated below next to my name, have invented "Generalized Clutter Tuning for Bistatic Radar Systems" for which application for Letters Patent of the United States has been executed by me on this day; and

WHEREAS, RAYTHEON COMPANY, a Delaware Corporation, having its principal place of business in Lexington, Massachusetts, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to RAYTHEON COMPANY, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in- part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and thro ughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said RAYTHEON COMPANY, its successors, assigns or other legal representatives; convenient that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to RAYTHEON COMPANY, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by RAYTHEON COMPANY, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of RAYTHEON COMPANY, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in RAYTHEON COMPANY, its successors, assigns or other legal representatives.

> PATENT REEL: 014248 FRAME: 0528

IN WITNESS WHEREOF, we have executed this instrument.

Full Name of Inventor	Inventor Signature	Date Signed
Amin G. Jaffer	and Gaffe	6-25-03
Residence	ce (City and State)	Invention Agreement Date
Fullerton, California		November 21, 1983
STATE OF <u>California</u> COUNTY OF <u>Los Angeles</u> On <u>6-2.5-03</u> before me,		otary Public in and for said State,



**RECORDED: 06/26/2003** 

PATENT REEL: 014248 FRAME: 0529