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Alfred R. Lopez

2. Name and address of receiving party(ies)Name: BAE SYSTEMS Information and Electronic~~Internal Address:~~ Systems Integration Inc.Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) May 10, 2005

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
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☐ Executive Order 9424, Confirmatory License
☐ Other

Street Address: 450 Pulaski RoadCity: GreenlawnState: New YorkCountry: USA Zip: 11740Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/013,717

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Kenneth P. Robinson

Internal Address: _____

Street Address: PO Box 328City: GreenlawnState: New York Zip: 11740-0328Phone Number: 631 385 3255Fax Number: 631 757 2156

Email Address: _____

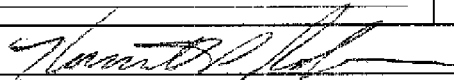
6. Total number of applications and patents involved: 1 (one)**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

- ☐ Authorized to be charged by credit card
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☐ None required (government interest not affecting title)

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Signature

January 23, 2006

Date

Kenneth P. Robinson

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ASSIGNMENT

(Single Inventor)

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, I, **ALFRED R. LOPEZ** residing at **4 Sarina Drive, Commack, New York 11725, U.S.A.**, sell and assign to **BAE SYSTEMS Information and Electronic Systems Integration Inc.**, a corporation of **DELAWARE, U.S.A.**, having an office at **450 Pulaski Road, Greenlawn, New York 11740, USA** (the "Company"), its successors, assigns and nominees, our entire right, title and interest:

- (1) in and to the invention relating to improvements in **ARRAY ANTENNA WITH INDEPENDENT SUM AND DIFFERENCE EXCITATIONS LEVELS** invented by me and shown and described in the application for United States Patent, Serial No. **11/013,717** filed **DECEMBER 16, 2004**, (the "Invention");
- (2) in and to all applications for patents for the Invention, in all countries in the world, including all divisions, reissues, substitutions, extensions and continuations thereof;
- (3) in and to all patents which may be granted therefor and all reissues and extensions and continuations thereof; and
- (4) in all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of intellectual property, including rights of priority resulting from the filing of any of said applications.

I authorize and request the Commissioner of Patents and Trademarks, and all other issuing authorities, to issue all patents on the Invention, or resulting from said applications, to the Company as assignee of the entire interest therein, and covenant that I have full right so to do, and agree that I will communicate to the Company or its representatives any facts known to me respecting the Invention, testify in any legal proceeding relating to the Invention, execute all divisional, continuing and reissue applications and all assignments of the Invention and of the right to apply for patents therefor in all countries, make all rightful oaths, sign all other lawful documents, and generally do everything reasonably possible to aid the Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for the Invention in all countries in the world.

I further authorize any officer of the Company, its successors, assigns and nominees, to execute on my behalf all documents necessary for the filing of any such applications, including divisional, continuing and reissue applications, and all assignments of the Invention and all documents necessary to apply for patents therefor in all countries, including making all rightful oaths, signing all other lawful documents, and generally doing everything necessary on my behalf to obtain and enforce proper patent protection for the Invention in all countries in the world.

IN WITNESS WHEREOF, I hereby execute this document on this 10th day of MAY, 2005.

Signature: Alfred R. Lopez

State of NEW YORK)

) ss.

County of SUFFOLK)

On this 10th day of MAY, 2005, before me, a Notary Public in and for the State and County shown above, personally appeared **ALFRED R. LOPEZ**, known to me to be the person named in and who executed the above Assignment and who acknowledged the same to be his/her free act and deed.

Connie Forsterling
Notary Public

CONNIE FORSTERLING
NOTARY PUBLIC, State of New York
No. 01FO5061962
Qualified in Suffolk County
Commission Expires June 17, 2006

PATENT**RECORDED: 02/14/2006****REEL: 017260 FRAME: 0428**