


| Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇨ ⇨ ⇨ ▼ ▼ ▼ ▼ ▼ ▼ ▼ | | RECORDATION FORM COVER SHEET PATENTS ONLY | | U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office | |
|--|--|---|--|---|--|
| To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. | | | | | |
| 1. Name of conveying party(ies): ALFRED R. LOPEZ; RICHARD J. KUMPFBECK Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | 2. Name and address of receiving party(ies) Name: <u>BAE SYSTEMS Information and Electronic Systems Integrator Inc.</u> Internal Address: _____ _____ _____ Street Address: <u>450 Pulaski Road</u> _____ _____ City: <u>Greenlawn</u> State: <u>NY</u> Zip: <u>11743</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>11/14/2003 & 11/13/2003</u> | | 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>10/358,625</u> _____ _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>BAE SYSTEMS - CNIR</u> Internal Address: <u>M.S. 1-32</u> _____ _____ Street Address: <u>450 Pulaski Rd</u> _____ _____ City: <u>Greenlawn</u> State: <u>NY</u> Zip: <u>11743</u> | | 6. Total number of applications and patents involved: <input type="checkbox"/> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>08-1475</u> | | | |
| DO NOT USE THIS SPACE | | | | | |
| 9. Signature. <u>Connie Forsterling</u> <u></u> <u>November 17, 2003</u> Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: <u>3</u> | | | | | |

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

CH \$40.00 081475 10368625

ASSIGNMENT

(Joint Inventors)

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we, **ALFRED R. LOPEZ** (Inventor No. 1) residing at **4 Sarina Drive, Commack, New York 11725, USA** and **RICHARD J. KUMPFBECK** (Inventor No. 2), residing at **145 Chichechester Road, Huntington, New York 11743 USA** 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 **CIRCULAR ARRAY SCANNING WITH SUM AND DIFFERENCE EXCITATION** invented by us and shown and described in the application for United States Patent, Serial No. **10/358,625** filed **FEBRUARY 5, 2003**, (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.

We 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 we have full right so to do, and agree that we will communicate to the Company or its representatives any facts known to us 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.

We further authorize any officer of the Company, its successors, assigns and nominees, to execute on our 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 our behalf to obtain and enforce proper patent protection for the Invention in all countries in the world.

IN WITNESS WHEREOF, we hereby execute this document on the dates set forth immediately following our respective signatures.

Inventor No. 1 - ALFRED R. LOPEZ

Signature: Alfred R. Lopez

This 14th day of NOVEMBER, 2003.

State of NEW YORK)
County of SUFFOLK) ss.

On this 14th day of NOVEMBER, 2003, 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

Inventor No. 2 - RICHARD J. KUMPFBECK

Signature: Richard J. Kumpfbeck

This 13th day of NOVEMBER, 2003.

State of NEW YORK)
County of SUFFOLK) ss.

On this 13th day of NOVEMBER, 2003, before me, a Notary Public in and for the State and County shown above, personally appeared RICHARD J. KUMPFBECK, 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

RECORDED: 11/17/2003

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

PATENT

REEL: 014131 FRAME: 0239

Docket No. P.21.2038