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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket No.: 0335/11154US1

To the Honorable Commissioner of Patents and Trademarks

documents or copy thereof.

1. Name of conveying party(ies): **5290,**
Tactical Systems Research, Inc.
Additional name(s) of conveying party(ies) attached? Yes No

101739766
Name: **EMC Automation, Inc.**
Internal Address:
Street Address: **1101 Cypress Creek Road**
City: **Cedar Park** State: **Texas** Zip: **78613**
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: July 19, 2000 and July 19, 2000
respectively

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)
09/401, 030
Additional numbers attached? Yes No

EXPRESS MAIL CERTIFICATE
Date **5/29/01** Label No. **67415094**
I hereby certify that, on the date indicated above, this paper or fee was deposited with the U.S. Postal Service & that it was addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office to Addressee" service.
A. DiLullo **A. DiLullo**
Name (Print) Signature

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Darby & Darby P.C.
Internal Address: Robert C. Sullivan, Jr.
Street Address: 805 Third Avenue, 27th Floor
City: New York State: New York Zip: 10022-7513

6. Total number of applications and patents involved: **1**
7. Total fee (37 CFR 3.41):..... \$40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number:
04-0100
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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.
Lisa Ulrich (Reg. No. 45,168)
Name of Person Signing
Lisa Ulrich
Signature
May 29, 2001
Date

Total number of pages including cover sheet, attachments, and document: **3**

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

PATENT AND PATENT APPLICATION ASSIGNMENT

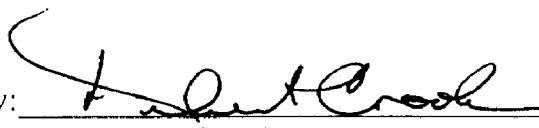
WHEREAS, **Tactical Systems Research, Inc.**, a corporation organized and existing under and by virtue of the laws of Texas, and having offices and doing business at 5805 Highland Hills Terrace, Austin, Texas 78731 (hereafter called ASSIGNOR), is the owner by assignment of Letters Patent and patent applications as set forth in the attached SCHEDULE A; and

WHEREAS, **EMC Automation, Inc.**, a corporation organized and existing under and by virtue of the laws of Texas, and having offices and doing business at 1101 Cypress Creek Road, Cedar Park, Texas, 78613 (hereafter called ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the said Letters Patent and patent applications;

NOW THEREFORE, in consideration of and in exchange for the sum of One Dollar (\$1.00) to it in hand paid by the said ASSIGNEE, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR, has sold, assigned, transferred and set over to the said ASSIGNEE, the said inventions and the Letters Patent and patent applications as set forth in attached Schedule A and any divisions, continuations, improvements, reissues or extensions that may be made or granted on any of them, the same to be held and enjoyed by the said ASSIGNEE, for its own use and enjoyment and the use and enjoyment of its successors, assigns or other legal representatives, to the end of the term for which said Letters Patent of the United States is granted or reissued, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this assignment and sale had not been made, together with all claims for damages by reason of past infringement of said Letters Patent with the right to sue for and collect the same for ASSIGNEE'S own use and enjoyments, and for the use and enjoyment of its successors, assigns or other legal representatives.

ASSIGNOR:
TACTICAL SYSTEMS RESEARCH, INC


Date: 7/19/00

By: 
Herbert Crook
Its: President

Accepted by:

ASSIGNEE:
EMC AUTOMATION, INC.

Date: 7/19/00

By: 
Joe Sivaswamy
Its: President

SCHEDULE A

1. U.S. Patent No. 5,926,150 entitled "Compact Broadband Antenna for Field Generation Application" issued July 20, 1999.
2. U.S. Patent Application No. 09/293,008 entitled "Compact Broadband Antennas based on Folded, Top-loaded Broadband Dipoles with High-pass tuning Elements," filed on April 16, 1999 and claiming the benefit of U.S. Provisional Application No. 60/081,984 filed on April 16, 1998.
3. U.S. Patent Application No. 09/401,630 entitled "Transmission Line Transformer Providing a Frequency-dependent Impedance Transformation Ratio," filed on September 22, 1999 and claiming benefit of U.S. Provisional Application No. 60/101,283 filed on September 22, 1998.
4. U.S. Patent Application No. 09/428,220 entitled "Broadband Antenna Incorporating Both Electric and Magnetic Dipole Radiators," filed on October 26, 1999 and claiming the benefit of U.S. Provisional Application No. 60/105,612, filed on October 26, 1998.
5. International Application No. PCT/US99/25342 entitled "Broadband Antenna Incorporating Both Electric and Magnetic Dipole Radiators," filed on October 26, 1999 and claiming the benefit of U.S. Provisional Application No. 60/105,612, filed on October 26, 1998.
6. U.S. Patent Application No. 09/394,460 entitled "Antenna Formed Within a Conductive Surface," filed on September 11, 1999 and claiming the benefit of U.S. Provisional Application No. 60/099,992, filed on September 11, 1998.