

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

EMC Automation

Execution Date(s) Jan. 13, 2005

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: TDK RF Solutions

Internal Address: _____

Street Address: 1101 Cypress Creek Rd.

City: Cedar Park

State: TX

Country: USA Zip: 78613

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

6,515,632

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Daffer McDaniel, LLP

Internal Address: _____

Street Address: P.O. Box 684908

City: Austin

State: TX Zip: 78768-4908

Phone Number: 512/476-1400

Fax Number: 512/703-1250

Email Address: _____

6. Total number of applications and patents involved:

one (1)

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

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

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Authorized User Name Kevin L. Daffer

9. Signature:

Signature

Jan. 14, 2005

Date

Kevin L. Daffer

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
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PATENT
5633-00301**ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to TDK RF SOLUTIONS (the "Assignee"), having a place of business at 1101 Cypress Creek Road, Cedar Park, TX 78613 the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 09/905,150 issued as Patent No. 6,515,632, and is entitled "MULTIPLY-FED LOOP ANTENNA," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee; and

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

PATENT
5633-00301

FURTHER COVENANT that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: Jan. 13, 2005

EMC Automation

By: *Norio Sasaki*

Printed Name: Norio Sasaki

Title: Vice President

Please direct all communication as follows:

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