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08-09-2006



Transmittal No. E-MO-00009 (AT 20958-1515)

To the Director of the U.S. Patent and Trademark Office

Transmittal No. E-MO-00009 (AT 20958-1515)

1. Name of conveying party(ies)

XUERU DING

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) July 31, 2006

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

2. Name and address of receiving party(ies)

Name: M/A-Com, Inc.

Internal Address:

Street Address: 1011 Pawtucket Boulevard

City: Lowell

State: MA

Country: USA Zip: 01854

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

4. Application or patent number(s):

A. Patent Application No.(s)

08/04/2006 ZJUHR1 00000074 11498122

04 FC:8021

(40.00 OP)

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Brian C. Oakes

Internal Address: Tyco Technology Resources

Street Address: 4550 New Linden Hill Road, Suite 140

City: Wilmington

State: DE Zip: 19808-2952

Phone Number: 302-633-3566

Fax Number: 302-633-2776

Email Address: brian.oakes@tycoelectronics.com

6. Total number of applications and patents involved: 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  
☐ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 8139  
Expiration Date 01/09

b. Deposit Account Number

Authorized User Name Evan R. Sotiriou

9. Signature:

Signature

August 1, 2006

Date

Evan R. Sotiriou

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 (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT  
REEL: 018154 FRAME: 0977

## **ASSIGNMENT**

I, **XUERU DING** of **88 North Road, Chelmsford, MA 01824**, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled:

### **SYSTEM AND METHOD FOR TARGET DETECTING WITH A RADAR ANTENNA**

which application was executed by the inventor on the date of execution of this assignment, and is identified by Attorney Docket No. E-MO-00046 (AT Docket No. 20958-1525) and M/A-Com, Inc. whose address is 1011 Pawtucket Blvd., Lowell, MA 01854 and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

**NOW, THEREFORE**, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, and any and all applications for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

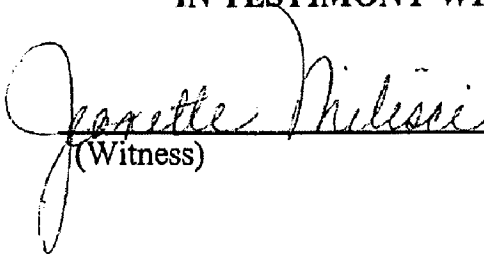
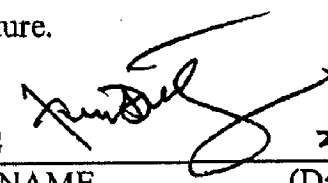
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs and legal representatives, as well as myself, to do, upon Assignee's request and at its expense, but without additional consideration to me, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me or my heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs or legal representatives and which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have affixed my signature.

	7/31/06	XUERU DING	
(Witness)	(Date)	INVENTOR'S NAME	2006-07-31
			(Date)