

Form PTO-1595 (Rev. (06/04))  
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## RECORDATION FORM COVER SHEET PATENTS ONLY

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):

JIAN MAO

OSCAR FREDERICK SOMERLOCK III

Execution Date(s) February 25, 2005

Additional name(s) of conveying party(ies) 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):

Patent Application No.(s) 11/071249

☒

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: PILLSBURY WINTHROP LLP

Internal Address: P.O. Box 10500

Street Address: 1600 Tysons Boulevard

City: McLean

State: VA Zip: 22102

Phone Number: (703) 905-2000

Fax Number: (703) 905-2500

Email Address: ehernandez@pillsburywinthrop.com

### 9. Signature:

*E. Rico Hernandez*

Signature

E. Rico Hernandez, Reg. No. 47641  
Name of Person Signing

October 24, 2005  
Date

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

### 2. Name and address of receiving party(ies)

Name: COMWARE, Inc.

Internal Address: \_\_\_\_\_

Street Address: 8408 Jeb Stuart Road

City: Rockville

State: MD

Country: U.S. Zip: 20854

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

### 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)

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 Intellectual Property Group  
 P.O. Box 10500  
 McLean, VA 22102

Atty. Dkt. PMS 314784  
 M#

Client Ref.

**ASSIGNMENT**  
**of U.S. Origin Patent Application**

WHEREAS, the undersigned, to wit:

- |                    |   |
|--------------------|---|
| 1) <u>Jian MAO</u> | 2) <u>Oscar Frederick SOMERLOCK III</u> |
| 3) _____           | 4) _____                                |
| 5) _____           | 6) _____                                |
| 7) _____           | 8) _____                                |

(hereinafter collectively ASSIGNOR), has/have made an invention known as Dkt. 314784

and entitled: ADAPTIVE BEAM-FORMING SYSTEM USING HIERARCHICAL WEIGHT BANKS FOR  
ANTENNA ARRAY IN WIRELESS COMMUNICATION SYSTEMS

for which an application for Letters Patent of the United States

- ☒ was executed even date herewith and is about to be filed in the United States Patent and Trademark Office;  
☐ was filed on \_\_\_\_\_, Appln. No. \_\_\_\_\_;

AND WHEREAS COMWARE, Inc.

(hereinafter ASSIGNEE), duly organized and existing under the laws of the State of Maryland  
 and having its principal office and place of business at 8408 Jeb Stuart Road, Rockville, Maryland 20854  
 desires to acquire an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

NOTE: The undersigned hereby authorizes Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

Executed on the date(s) below indicated.

Signature

Date Signed

1)

[Signature]  
Name: Jian MAO

Feb. 25, 2005

2)

[Signature]  
Name: Oscar Frederick  
SOMERLOCK III

Feb 25, 2005

### NOTARIZATION

COUNTY OF: Montgomery

STATE OF: Maryland

I hereby certify that Jian Mao and Oscar Somerlock III appeared before me this 25<sup>th</sup> day of February, 2005.

[Signature]  
Notary



RUTH J. SEMPLE  
Notary Public  
Montgomery Co., MD  
My Comm. Exps. April 01, 2008