

09-15-2005

RECOF



EET

U.S. DEPARTMENT OF  
COMMERCE  
Patent and Trademark Office

103081525

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies)

Shih-Huang Yeh, Zih-Hao Lu and Chia-Lun Tang

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

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: August 30, 2005

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

Name: Industrial Technology Research Institute

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

Street Address: No. 195, Sec. 4, Chung Hsing RoadChutungHsinchu, Taiwan

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

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

## 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: August 30, 2005

A. Patent Application No.(s)

B. Patent No.(s)

for "Wireless Apparatus Capable Of Controlling Radiation  
Patterns Of Antenna"Additional numbers attached? ☐ Yes ☒ No

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

Name: Jason Z. Lin

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

Supreme Patent ServicesStreet Address: Post Office Box 2339City: Saratoga State: CA ZIP: 950706. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) ..... \$ 40.00☒ Credit Card Payment Form PTO-2038 Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number: \_\_\_\_\_

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 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.*Jason Z. Lin

Name of Person Signing

Signature

Sep 7, 2005  
DateTotal number of pages including cover sheet, attachments, and document: 2Mail documents to be recorded with required cover sheet information to:  
Director of the US Patent and Trademark Office, Mail Stop Assignment  
P.O. Box 1450, Alexandria, VA 22313-1450

09/12/2005 EHAILE1 00000037 11221148

04 FC:8021

40.00 OP

PATENT  
REEL: 016969 FRAME: 0986

## ASSIGNMENT

WHEREAS, I/we, SHIH-HUANG YEH, ZIH-HAO LU and CHIA-LUN TANG,  
whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful  
improvements WIRELESS APPARATUS CAPABLE OF CONTROLLING RADIATION PATTERNS OF  
ANTENNA hereinafter referred to as the Invention) for which an application for United States Letters Patent was

- ☒ executed on even date herewith;  
☐ executed on \_\_\_\_\_;  
☐ filed on \_\_\_\_\_, Serial No. \_\_\_\_\_;  
☐ filed as PCT International Application No. \_\_\_\_\_ on \_\_\_\_\_, designating  
The United States of America;  
☐ Patent number \_\_\_\_\_, issue on \_\_\_\_\_.

WHEREAS, Industrial Technology Research Institute whose post office address(es) are No.  
195, Sec. 4, Chung Hsing Rd., Chutung, Hsinchu, Taiwan, hereinafter referred to as ASSIGNEE(s), are  
desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I/we, ASSIGNOR,  
by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said invention  
and application throughout the United States of America, including any and all Letters Patent granted on any division,  
continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing,  
prosecution and maintenance of said application or any other patent application(s) in the United States for said invention,  
including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without  
further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and  
communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within  
ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may  
be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent  
encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's  
heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Director of Patents and Trademarks to issue any and all Letters  
Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for  
ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full  
end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by  
ASSIGNOR had this assignment and sale not been made.

Assignor: **SHIH-HUANG YEH**  
No. 8-1, Lane 149,  
Chung-Hua Road,  
Tou-Liu City,  
Yun-Lin Hsien, Taiwan

Dated this 30 day of August, 2005 at Taiwan

Shih-Huang Yeh  
Signature

Assignor: **ZIH-HAO LU**  
No. 20, Sec. 3, Tan-Tzu Street,  
Tan-Pei Village,  
Tan-Tzu Country,  
Taichung Hsien, Taiwan

Dated this 20 day of August, 2005 at Taiwan

Zih-Hao Lu  
Signature

Assignor: **CHIA-LUN TANG**  
No. 14, Lane 6,  
Kuang Shen Hsin Cheng,  
Kuang-Sheng Village,  
San-Yi Country,  
Miao-Li Hsien, Taiwan

Dated this 30 day of August, 2005 at Taiwan

Chia-Lun Tang  
Signature

☐ CONTINUED ON PAGE 2