

04-02-2004

ASSIGNMENT RE

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22141 U.S. PTO  
10/810138



032604

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party:  
a) Cheng-yen Shih
2. Name and address of receiving party:  
a) Name: Delta Electronics, Inc.  
Address: Bi, 31-1, Shien Pan Road, Kuei San Industrial Zone  
Taoyuan County, Taiwan, R.O.C.

3. Nature of conveyance  
☒ Assignment  
☐ Security Agreement  
☐ Other \_\_\_\_\_  
☐ Merger  
☐ Change of Name  
☐ License Agreement

Execution Date: March 2, 2004

4. Application Number(s) or Patent Number(s): Not yet assigned

The title of the new application is: FRONT-END MODULE FOR MULTI-BAND AND MULTI-MODE WIRELESS NETWORK SYSTEM.

5. Please send all correspondence concerning this document to:

**Albert S. Penilla**  
MARTINE & PENILLA, LLP  
710 Lakeway Drive, Suite 170  
Sunnyvale, CA 94085  
**Customer Number 25920**  
Tel. No. (408) 749-6900  
Fax No.: (408) 749-6901

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed  
☒ Any deficiency may be charged to Deposit Account No. 50-0805  
(Order No. JLINP178).

8. 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.

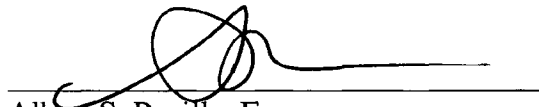
Date: March 26, 2004

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Attorney Docket No. JLINP178

  
Albert S. Penilla, Esq.  
Registration No. 39,487

(Revised 01/96)

**PATENT**  
**REEL: 015159 FRAME: 0356**

# ASSIGNMENT OF PATENT APPLICATION

Q1342

For good and valuable consideration, receipt of which hereby acknowledged,

I/We,

(a) **Cheng-yen SHIH**

residing at

(a) **No. 252, Shang Ying Road, Kuei San Shiang, Taoyuan County, Taiwan, R.O.C.**

assign and transfer to: **DELTA ELECTRONICS, INC.**

a corporation organized under the law of Taiwan and having a place of business at :

**No. 31-1, Shien Pan Road, Kuei San Industrial Zone, Taoyuan County, Taiwan, R.O.C.**

its successors and assigns, my entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

**FRONT-END MODULE FOR MULTI-BAND AND MULTI-MODE WIRELESS  
NETWORK SYSTEM**

including divisions, reissues, continuations and extensions thereof, and all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States application, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in United States; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Joint Inventor (a)	<b>Cheng-yen SHIH</b>		
Inventor's Signature	SHIH CHENG-YEN	Date	March, 2, 2004
Residence	Taoyuan County	Citizenship	Taiwan R.O.C.