

06-12-2003

EXPRESS MAIL #EV 320977819 US

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To the Honorable Commissioner of Patents and Trademarks

ached original documents or copy thereof.

1. Name of conveying party(ies):

Chien-Cheng Tung  
Julian Chih Liang Chang

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

Name: Ralink Technology, Inc.  
Address: 20833 Stevens Creek Boulevard  
Suite 200  
Cupertino, California 95014

3. Nature of conveyance: Assignment

Execution Date: June 4, 2003

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:

A. Patent Application No.(s)

B. Patent No.(s)

10,454,883

Additional numbers attached? Yes \_\_\_ No x

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

Name: Maryam Imam

Address: Law Offices of IMAM & ASSOCIATES  
111 North Market Street, Suite 1010  
San Jose, CA 95113

6. Total number of applications and patents involved: 1

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

☒ Enclosed

☐ Authorized to be charged to deposit account

8. ☐ Deposit Account Number: \_\_\_\_\_

☒ Charge any fee deficiencies to Dep. Acct 501638.

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.

Maryam Imam

Signature

June 4, 2003

Date

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

06/09/2003 MAHMED1 00000044 10454883

02 FC:8021

40.00 OP

Client Ref.: Ralink-05US

17363 U.S. PTO  
10/454883  
06/04/03

PATENT  
REEL: 014150 FRAME: 0668

**ASSIGNMENT**

I, as a below-named inventor, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to:

**Ralink Technology, Inc.  
20833 Stevens Creek Boulevard, Suite 200  
Cupertino, California 95014**

a corporation, hereinafter referred to as "Assignee"), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by **Chien-Cheng Tung and Julian Chih Liang Chang** and disclosed and/or claimed in an application for Letters Patent of the United States of America Serial No. \_\_\_\_\_ filed DATE, entitled:

**"HARDWARE IMPLEMENTATION OF MAXIMUM LIKELIHOOD SEQUENCE  
ESTIMATION FOR WIRELESS RECEIVERS"**

and signed by me

- ☒ On the date set forth below;  
☐ On the DATE\_OF\_SIGNING\_DECLARATION

and in and to any and all divisions, reissues, continuations and extensions thereof; and in and to all corresponding applications for Letters Patent and all Convention and Treaty Rights of any kind, in all countries throughout the world, for all such subject matter.

I hereby authorize and request that the Patent Office Officials in the United States, and in countries foreign to the United States, issue any and all of said Letters Patent or similar documents, when granted, to said Assignee, as the Assignee of our entire right, title and interest in and to the same, for the sole use and enjoyment of said Assignee, its successors and assigns.

Further, I agree that I will communicate to said Assignee, or its representatives, any facts known to me respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisions, continuations, substitutions, and renewal reexamination and reissue applications, execute all necessary Assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything necessary or desirable to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States.

The undersigned hereby authorizes the firm of LAW OFFICES OF IMAM to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this assignment suitable for recordal in the United States Patent Office, and any Patent Office foreign to the United States.

In Testimony Whereof, I hereunto set my hand.

Sent By: LAW OFFICES OF IMAM;

408 271 8886;


Jun-4-03 3:18PM;

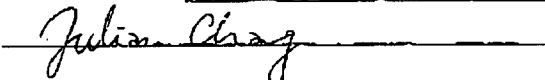
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In Testimony Whereof, I hereunto set my hand.

## SIGNATURES

Full Name of First Inventor: Chien-Cheng Tung  
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Inventor's Signature:  Date: 6/4/03

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Post Office Address: Same as above  
Citizenship: Taiwan  
Inventor's Signature:  Date: 6/4/03

Docket No.: Ralink-05US

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RECORDED: 06/04/2003

PATENT  
REEL: 014150 FRAME: 0670