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RE



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

102475950

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

1. Name of conveying party(ies):

Chang-Fu Lin

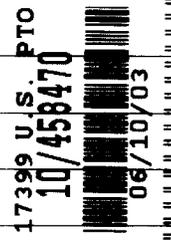
6.10.03

Additional names(s) of conveying party(ies)  Yes  No

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

Name: Media Tek Inc.

Internal Address:



Street Address: 1F, No. 13, Chuang-Hsin 1st Rd.,

INDUSTRIAL  
Science-Based Industrial Park

City: Hsinchu Hsien, Taiwan State: ZIP:

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: May 19, 2003

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: May 19, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: John F. Gulbin

Internal Address: Pitney, Hardin, Kipp & Szuch LLP

Street Address: 685 Third Avenue

City: New York State: NY ZIP: 10017

6. Total number of applications and patents involved: 1

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

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

50-1145

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

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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.

John F. Gulbin

June 10, 2003

Name of Person Signing

Signature

3 / Date

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

# ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)  
EMBEDDED SYSTEM WITH INSTRUCTION PREFETCHING DEVICE, AND METHOD FOR FETCHING  
INSTRUCTIONS IN EMBEDDED SYSTEMS

The PATENT RIGHTS referred to in this agreement are:

- (check one)  a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.
- U.S. patent application Serial No. \_\_\_\_\_, filed \_\_\_\_\_
- a U.S. patent application based on PCT International Application No. \_\_\_\_\_, filed on (date) \_\_\_\_\_ (U.S. patent application Serial No. \_\_\_\_\_, if known)
- U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one)  U.S. patent rights only.
- Worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signature(s) appear(s) on page 2 of this Assignment and any Supplemental Sheets(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) MEDIA TEK INC.

(Address) 1F, No. 13, Chuang-Hsin 1st Rd., Science-Based Industrial Park,  
Hsinchu Hsien, Taiwan

The ASSIGNEE is:

- (check one)  An Individual.
- A Partnership.
- A Corporation of Taiwan (specify state or country)
- (other) \_\_\_\_\_

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;  
the right to sue and recover for any past infringement; and,  
the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all 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.

The ASSIGNOR(S) authorize(s) any attorney and agent who has a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

CHANG-Fu Lin      Changfu Lin      May 19, 2003  
Name of sole or first inventor      Signature      Date

\_\_\_\_\_  
Name of second inventor, if any      Signature      Date

\_\_\_\_\_  
Name of third inventor, if any      Signature      Date

\_\_\_\_\_  
Name of fourth inventor, if any      Signature      Date

\_\_\_\_\_  
Name of sole or first inventor      Signature      Date