

12-28-1999

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TO THE ASSISTANT COMMISSIONER FOR PATENTS

101232613

Documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

1. Ming-Jye Tsai      2. Tsung-Han Tsai  
3. Ruei-Hung Jang

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

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

**Name:** Industrial Technology Research Institute  
**Street Address:** No. 195, Sec.4, Chung Hsing Rd.,  
**City:** Chutung Town, Hsinchu Hsien  
**Country:** Taiwan, R.O.C.

Additional name(s) of receiving party(ies) attached?  
( ) Yes (X) No

10617 U.S. PTO  
09/456628  
12/08/99

3. Nature of conveyance:

- (X) Assignment  
( ) Merger  
( ) Security Agreement  
( ) Change of Name  
( ) Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) 1. November 16, 1999      2. November 16, 1999  
3. November 16, 1999

4. Application number(s) or Patent number(s):

- (X) Application(s) filed herewith  
Execution Date(s): November 16, 1999  
  
( ) Patent Application No.:  
Filing Date:  
  
( ) Patent No.:  
Issue Date:

Additional numbers attached? ( ) Yes (X) No

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

**Name:** Lowell Anderson  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
**Customer No.** 20,995  
**Internal Address:** Sixteenth Floor  
**Street Address:** 620 Newport Center Drive  
**City:** Newport Beach **State:** CA **ZIP:** 92660  
**Attorney's Docket No.:** TSAI9.001AUS

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

- (X) Enclosed  
( ) Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Lowell Anderson  
Name of Person Signing

Signature

12/18/99  
Date

30,990  
Registration No.

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

Mail documents to be recorded with required cover sheet information to:

12/27/1999 DNGUYEN 00000217 09456628

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Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

40.00 DP

**PATENT**  
**REEL: 010453 FRAME: 0365**

**ASSIGNMENT**

This assignment agreement is applicable to an invention entitled (Invention Title)\_\_\_\_\_

MICRO COOLING ENGINE ARRAY SYSTEM

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 signatures appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE

(Address) NO.195, SEC.4, CHUNG HSING RD., CHUTUNG TOWN, HSINCHU HSIEN, TAIWAN, R.O.C.

The ASSIGNEE is:

(check one) ☐ An individual.

☐ A Partnership.

☒ A Corporation of TAIWAN, R.O.C. (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.

**PATENT**

**REEL: 010453 FRAME: 0366**

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO  
ASSIGNEE: INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE  
INVENTION TITLE: MICRO COOLING ENGINE ARRAY SYSTEM

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 Trademark 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 fact known to the ASSIGNOR(S) with respect to 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 and all Letter 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) the attorneys and agents who have the 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.

<u>Ming-Iye TSAI</u>	<u>Ming-Iye Tsai</u>	<u>Nov. 16, 99</u>
Name of sole or first inventor	Signature	Date
<u>Tsung-Han TSAI</u>	<u>Tsung-Han Tsai</u>	<u>Nov. 16, 1999</u>
Name of second inventor, if any	Signature	Date
<u>Ruei-Hung JANG</u>	<u>Ruei-Hung Jang</u>	<u>Nov. 16, 1999</u>
Name of third inventor, if any	Signature	Date
_____	_____	_____
Name of fourth inventor, if any	Signature	Date
_____	_____	_____
Name of fifth inventor, if any	Signature	Date
_____	_____	_____
Name of sixth inventor, if any	Signature	Date
_____	_____	_____
Name of seventh inventor, if any	Signature	Date
_____	_____	_____
Name of eighth inventor, if any	Signature	Date