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3-804



To the Director of the United States Patent and Trademark Office

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and original documents or copy thereof.

1. Name of conveying part(ies):

- (1) Chi-Ming HUANG
- (2) Je-Ping HU
- (3) Jian-Chiun LIOU
- (4) Chia-Tai CHEN
- (5) Fa-Yuan HSU

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

2. Name and address of receiving party(ies)

Name: Industrial Technology Research Institute
 Street Address: 195 Chung Hsing Rd., Sec. 4
 Chutung, Hsinchu, Taiwan,
 R.O.C.

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

Execution Date: (1-4) February 18, 2004; (5) February 19, 2004

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

101795878

If this document is being filed together with a new application, the execution date of the application is:
(1-4) February 18, 2004; (2) February 19, 2004

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:

Daniel R. McClure
Thomas, Kayden, Horstemeyer & Risley, L.L.P.
 100 Galleria Parkway, Suite 1750
 Atlanta, Georgia 30339-5948

6. Total number of applications/patents involved: [1]

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

- Enclosed
- Authorization to charge credit card (attached)

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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.

Daniel R. McClure

March 8, 2004

Typed Name

Signature

Date

Docket #: 250913-1150

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

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ASSIGNMENT

WHEREAS, Chi-Ming HUANG, Je-Ping HU, Jian-Chiun LIOU
Chia-Tai CHEN and Fa-Yuan HSU hereafter referred to as ASSIGNOR,
has/have invented certain new and useful improvements as described and set forth in the
below identified application for United States Letters Patent:

Title: Inkjet printhead and manufacturing method thereof
Filed: _____ Serial No. _____
Executed on: February 18, 2004; February 19, 2004

WHEREAS, Industrial Technology Research Institute of 195
Chung Hsing Rd., Sec. 4, Chutung, Hsinchu, Taiwan, R.O.C. hereinafter
referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said
invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for
good and valuable consideration, receipt of which is hereby acknowledged by Assignor,
Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign
and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their
rights, title and interest in and to the said invention and application and all future
improvements thereon, and in and to any Letters Patent which may hereafter be granted on
the same in the United States, the said interest to be held and enjoyed by said Assignee as
fully and exclusively as it would have been held and enjoyed by said Assignor had this
Assignment and transfer not been made, to the full end and term of any Letters Patent which
may be granted thereon, or of any division, renewal, continuation in whole or in part,
substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said
Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said
application and/or applications, execute, verify, acknowledge and deliver all such further
papers, including applications for Letters Patent and for the reissue thereof, and instruments
of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may
request, to obtain or maintain Letters Patent for said invention and improvement, and to vest
title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the
date(s) indicated.

Chi-Ming Huang
Chi-Ming HUANG

2004/02/18
Date:

Je-Ping Hu
Je-Ping HU

2004/02/18
Date:

Jian - Chiun Liou

Jian-Chiun LIOU

2004/02/18

Date:

Chia - Tai Chen

Chia-Tai CHEN

2004/2/18

Date:

Fa - Yuan Hsu

Fa-Yuan HSU

2004/2/19

Date: