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Form PTO-1595
(Rev. 10/02)
OMB No. 0651-0027 (exp. 6/30/2005)



U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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103016059

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

1. Name of conveying party(ies):
Zhijian Ma
Chunbo Liu

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

2. Name and address of receiving party(ies)
Name: Integrated Device Technology, Inc.
Internal Address: _____

Street Address: 2975 Stender Way

City: Santa Clara State: CA Zip: 95054
Additional name(s) & address(es) attached? Yes No

112987 U.S. PTO
11/141223

053105

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: 5/10/2005, 5/16/2005

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: 5/2/2005, 5/16/2005
A. Patent Application No.(s) B. Patent No.(s)
5/02/2005 ADDRESS: 06000057 11141223
40.00 DP
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Kenneth Glass
Glass & Associates
Internal Address: _____

Street Address: PO Box 1220

City: Los Gatos State: CA Zip: 95031-1220

6. Total number of applications and patents involved:
7. Total fee (37 CFR 3.41), \$ 40
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number:
501006
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.
Kenneth Glass [Signature] 5/31/2005
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 016647 FRAME: 0580

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

We, the undersigned (each) hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

Integrated Device Technology, Inc.

a corporation organized under the laws of the state of Delaware as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

On-Chip Interface Trap Characterization and Monitoring

described in an application for Letters Patent of the United States, identified as Attorney Docket No. IDT-1825, at Glass & Associates, 236 N. Santa Cruz Ave., Suite 243, Los Gatos, CA 95030, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

Inventor's Signature

DATE

Zhijian Ma
Inventor's Printed Name

STATE OF)
) SS
COUNTY OF)

On this ___ day of ___, ___, before me personally came the above named Zhijian Ma who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires:

[Handwritten Signature]

05/16/05
DATE

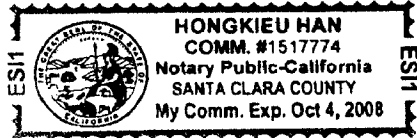
Chunbo Liu
Inventor's Printed Name

STATE OF CALIFORNIA)
) SS
COUNTY OF SANTA CLARA)

On this 16th day of MAY, 2005, before me personally came the above named Chunbo Liu who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

NOTARY PUBLIC [Handwritten Signature]

My Commission Expires: 10/4/2008



ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,
 We, the undersigned (each) hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

Integrated Device Technology, Inc.
 a corporation organized under the laws of the state of Delaware as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

On-Chip Interface Trap Characterization and Monitoring
 described in an application for Letters Patent of the United States, identified as Attorney Docket No. IDT-1825, at Glass & Associates, 236 N. Santa Cruz Ave., Suite 243, Los Gatos, CA 95030, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

[Signature]

 Inventor's Signature

05/10/2005

 DATE

Zhijian Ma

 Inventor's Printed Name



STATE OF _____)
) SS
 COUNTY OF _____)

On this 10th day of May, 2005, before me personally came the above named Zhijian Ma who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

NOTARY PUBLIC Christi Dawson

My Commission Expires: Dec 4, 2008

 Inventor's Signature

 DATE

Chunbo Liu

 Inventor's Printed Name

STATE OF _____)
) SS
 COUNTY OF _____)

On this _____ day of _____, _____, before me personally came the above named Chunbo Liu who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

NOTARY PUBLIC _____

My Commission Expires: _____