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Form PTO 1595

04-07-2000

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To the Honorable Commissioner of Patents and

1. Name of conveying party(ies)

1. James H. Brannon
2. Shanlin Duan
3. Wai C. Leung
4. Yan Liu
5. Li Tang

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

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

International Business Machines Corporation
New Orchard Road
Armonk, New York 10504

Additional name(s) & addresses attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: 1.) February 28, 2000 2.) February 25, 2000 3.) February 25, 2000 4.) February 25, 2000 and 5.) February 25, 2000

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:
 1.) February 28, 2000 2.) February 25, 2000 3.) February 25, 2000 4.) February 25, 2000 5.) February 25, 2000

A. Patent Application Number(s)	Patent Number(s)
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Additional numbers attached? Yes No

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

Name: David W. Lynch
 Address: Altera Law Group
 10749 Bren Road East, Opus 2
 Minneapolis, Minnesota 55343-9056

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41) \$40.00
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to charged to deposit account

8. Deposit Account number: 50-1038

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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.

David W. Lynch
Name of Person Signing

Signature

March 1, 2000
Date

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

PATENT ASSIGNMENT TO CORPORATION WORLDWIDE

WHEREAS,

1. James H. Brannon residing at 193 Ely Place, Palo Alto, California 94306 and a citizen of USA;
2. Shanlin Duan residing at 48540 Spokane Rd., Fremont, California 94539 and a citizen of China;
3. Wai C. Leung residing at 6414 Camden Ave., San Jose, California 95120 and a citizen of USA;
4. Yan Liu residing at 10355 Cherry Tree LN, Cupertino, California 95014 and a citizen of China;
5. Li Tang residing at 43329 Livermore Common, Fremont, California 94539 and a citizen of China;

hereafter referred to as "THE UNDERSIGNED", have made an invention entitled METHOD AND APPARATUS FOR PRECISE MEASUREMENT OF PRESSURE DEPENDENCE OF HEAD FLY HEIGHT USING TRANSITIONAL THERMAL SIGNALS;

AND, WHEREAS, INTERNATIONAL BUSINESS MACHINES CORPORATION, hereafter referred to as ASSIGNEE, a corporation organized under the laws of the state of New York and whose place of business is New Orchard Road, Armonk, New York 10504, is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFOR, in consideration of the sum of One Dollar, the receipt whereof is acknowledged, and other good and valuable consideration, THE UNDERSIGNED hereby sell, assign and transfer unto ASSIGNEE the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to all divisionals, continuations, continuations in part, reissues, reexaminations or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extension of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said invention including an assignment of all rights under the provision of international conventions and all Letters Patent of foreign countries which may be granted therefrom; the UNDERSIGNED hereby authorize the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

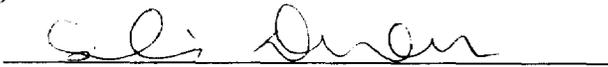
THE UNDERSIGNED, hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts Known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles and benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said Assignee its successors and assignees, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.


James H. Brannon

2/28/00
Date


Shanlin Duan

2/25/00
Date


Wai C. Leung

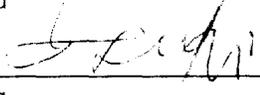
2/25/00
Date



Yan Liu

2/25/00

Date



Li Tang

2/25/00

Date

No Legalization Required