

11-14-2002

IBM Ref. No.: SJO920020106US1  
Altera Ref. No.: 501.419US01

Form PTO 1595



102280897

U.S. Department of Commerce  
Patent and Trademark Office

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

1. Name of conveying party(ies)

James M. Freitag  
Mustafa Pinarbasi

*11/06/02*

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

J1040 U.S. PTO  
10/289105  
11/06/02

3. Nature of conveyance:

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

Execution Date: November 1, 2002

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: November 1, 2002

A. Patent Application Number(s)

Patent Number(s)

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  
6500 City West Parkway – Suite 100  
Minneapolis, Minnesota 55344-7704

6. Total number of applications and patents involved: One

7. Total fee (37 C.F.R. §3.41) \$40.00

- Enclosed
- Authorized to charged to deposit account

8. Please charge any additional fees or credit any overpayments to our Deposit Account number: 50-1038

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.

David W. Lynch  
Name of Person Signing

*David W. Lynch*  
Signature

*11/6/02*  
Date

Total number of pages including cover sheet, attachments, and document: 2

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PATENT  
REEL: 013474 FRAME: 0749

**PATENT ASSIGNMENT TO CORPORATION WORLDWIDE**

WHEREAS,

1. James M. Freitag residing at 4926 Scarlett Way, San Jose, California 95111 and a citizen of Canada;
2. Mustafa Pinarbasi residing at 483 Via Sorrento, Morgan Hill, California 95037 and a citizen of U.S.A.;
3. \_\_\_\_\_ residing at \_\_\_\_\_ and a citizen of \_\_\_\_\_ ;

hereafter referred to as "THE UNDERSIGNED", have made an invention entitled: A METHOD AND APPARATUS FOR IMPROVING SOFT MAGNETIC PROPERTIES OF A SPIN VALVE WHILE RETAINING HIGH GIANT MAGNETORESISTANCE;


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, THEREFORE 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.

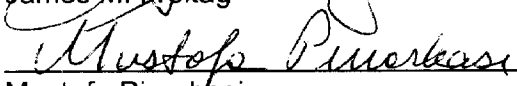
THE UNDERSIGNED, hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other 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 M. Freitag

11/01/02  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Mustafa Pinarbasi

11/01/02  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

No Legalization Required