

**ASSIGNMENT RECORDATION COVER SHEET
-PATENTS ONLY-**

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)
 - a) Dr. Johannes Paul
 - b) Rolf Schaefer

2. Name and address of receiving party(ies):
 - a) Name: International Business Machines Corporation
 - Address: New Orchard Road
Armonk, New York 10504

3. Nature of conveyance

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	<input type="checkbox"/> License Agreement

Execution Date: 08/30/2005, 08/26/2005, Respectively

4. Application Number(s) or Patent Number(s): **11/215,551**
The title of the (new) application is:

**REORIENTATION OF MAGNETIC LAYERS AND STRUCTURES HAVING
REORIENTED MAGNETIC LAYERS**

5. Please send all correspondence concerning this (these) documents to:

Zilka-Kotab, PC
P.O. Box 721120
San Jose, CA 95172-1120
Tel. No.: (408) 971-2573

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00
 - Enclosed
 - Authorized to be charged to Deposit Account No. 09-0466.
(Order No. DE920040030US1_IBM1P070)

8. 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.

Date: 9/27/05 _____

 Dominic M. Kotab
 Registration No. 42,762

CH \$40.00 090466 11215551

ASSIGNMENT OF PATENT APPLICATION
(Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:


**REORIENTATION OF MAGNETIC LAYERS AND STRUCTURES HAVING REORIENTED
MAGNETIC LAYERS**

(Atty. Docket No.: IBM1P070/DE920040030US1) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to INTERNATIONAL BUSINESS MACHINES CORPORATION, a New York corporation having a place of business at Armonk, New York, 10504, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature:  Date: 30.8.2005
Typed Name: Dr. Johannes Paul
- 2) Signature: _____ Date: _____
Typed Name: Rolf Schaefer

Atty Docket No. IBM1P070/DE920040030US1

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

REORIENTATION OF MAGNETIC LAYERS AND STRUCTURES HAVING REORIENTED MAGNETIC LAYERS

(Atty. Docket No.: IBM1P070/DE920040030US1) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:

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- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature: _____ Date: _____
Typed Name: Dr. Johannes Paul
- 2) Signature: Rolf Schaefer Date: 26.08.2005
Typed Name: Rolf Schaefer

Atty Docket No. IBM1P070/DE920040030US1

PATENT