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FORM PTO-1595
(Rev. 6-93)



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OMB N. 0651-0011 (exp. 4/94)

102296432

11/16/02
10/298340
U.S. PTO

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

1. Name of conveying party(ies):
Witold Kula and Alexander M. Zeltser

Additional name(s) of conveying party(ies) attached?
Yes No
11/18/02

2. Name and address of receiving party(ies)
Name: International Business Machines Corp
Internal Address: _____
Street Address: New Orchard Road
City: Armonk State: NY Zip: 10504
Country: USA
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other - _____

Execution Date: November 6, 2002

4. Application number(s) or patent number(s): 10/298340
If this document is being filed together with a new application, the execution date of the application is:
November 6, 2002

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:

Name: Walter W. Duft
Internal Address: Same as below
Street Address: 10255 Main Street, Suite 10
City: Clarence State: New York Zip: 14031

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
09-0466
(Attached duplicate copy of this page if paying by deposit account)

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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.
Walter W. Duft [Signature] November 18, 2002
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
COMMISSIONER OF PATENTS AND TRADEMARKS, BOX ASSIGNMENTS WASHINGTON, D.C. 20231
PATENT
REEL: 013519 FRAME: 0838

Whereas, we

INVENTOR
AND CITY

(1) Withold Kula
County of Santa Clara
and

of Cupertino,
and State of California,

(2) Alexander M. Zeltser
County of Santa Clara

of San Jose,
and State of California,

have invented certain improvements in

ENHANCED SPIN-VALVE SENSOR WITH ENGINEERED OVERLAYER

DATES THAT
INVENTORS
SIGNED THE
APPLICATION

and executed, respectively, a United States patent application therefor on

(1) _____, 2002, (2) 10/30, 2002,

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

CITY (1) at _____
DATE on _____, 2002,

SIGNATURE
INVENTOR

CITY and (2) at San Jose
DATE on 10/30, 2002.

Alexander Zeltser

SIGNATURE
INVENTOR

INVENTOR AND CITY

Whereas, we ~~WITOLD~~

WK, NOV. 6, 2002

(1) ~~Witold~~ Kula
County of Santa Clara
and

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and State of California,

(2) Alexander M. Zeltser
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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

CITY
DATE

(1) at CUPERTINO
on NOV. 6, 2002,



SIGNATURE
INVENTOR

CITY
DATE

and (2) at _____
on _____, 2002.

SIGNATURE
INVENTOR