

01-31-2003



FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

2 SHEET U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office
Atty Dkt No.:02 P 09133 US

102355001

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

1. Name of conveying party(ies):

Arunava Gupta

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

2. Name and address of receiving party(ies)

Name: International Business Machines Corporation

Internal Address:

Street Address: New Orchard Road

City: Armonk State: NY ZIP: 10504

Additional name(s) & address(es) attached? Yes No

11000 U.S. PTO
10/348235
01/21/03

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: January 15, 2003

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: January 15, 2003

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: Elsa Keller

Internal Address: Infineon Technologies North America Corp.

c/o Siemens Corporation

Intellectual Property Department

Street Address: 186 Wood Avenue South

City: Iselin State: NJ ZIP: 08830

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

8. Deposit Account No.

01/30/2003 LMUELLER 00000097 10348235

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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.

Scott B. Stahl

Name of Person Signing

Reg. No. 33,795

Signature

January 21, 2003

Date

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

ASSIGNMENT

WHEREAS, I

(1) Arunava Gupta
County of Rockland

of Valley Cottage,
and State of New York

have invented certain improvements in TWO-STEP MAGNETIC TUNNEL
JUNCTION STACK DEPOSITION and executed a United States patent application
on: (dates that inventors signed the declaration)

(1) January 15, 2003

(2) _____

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;

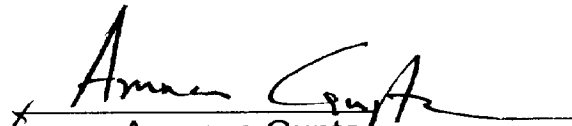
Now therefore, for a valuable consideration, receipt whereof is hereby
acknowledged, I, the above named, hereby sell, assign and transfer to IBM, its
successors and assigns, the entire right, title and interest in the said application and
the invention therein disclosed for the United States and foreign countries, and all
rights of priority resulting from the filing of said United States application, and I
request the Commissioner of Patents to issue any Letters Patent granted upon the
invention set forth in said application to IBM, its successors and assigns; and I 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

(1) at East Fishkill, NY
on 1/15/2003 ~~2002~~

INVENTOR FILLS OUT DATE

INVENTOR FILLS OUT DATE


Arunava Gupta