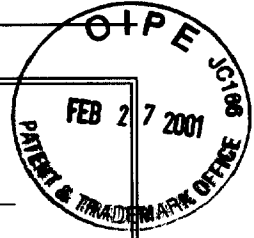


03-14-2001

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket No. ROC920000222US1



101635777



To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Jaydip Bhaumik Robert Andrew Kertis Klaas Berend Klaassen Raymond Alan Richetta Jacobus Van Peppen</p> <p>Additional names of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p> <hr/> <p>3. Nature of Conveyance</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: October 31, 2000; October 31, 2000; February 21, 2001; October 31, 2000; February 21, 2001</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>International Business Machines Corporation</u></p> <p>Internal Address: _____ _____</p> <p>Street Address: <u>New Orchard Road</u> City <u>Armonk</u> State <u>New York</u> Zip <u>10504</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>
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4. Application number(s) or patent number(s):
TITLE: MAGNETO-RESISTIVE ASYMMETRY CORRECTION CIRCUIT
If this document is being filed together with a new application, the execution date of the application is _____.

<p>A. Patent Application No(s).</p> <p>Docket No. ROC920000222US1 Serial No. 09/702,618</p>	<p>B. Patent No(s).</p>
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Additional numbers attached? Yes No

<p>Name and address of party to whom correspondence concerning document should be mailed:</p> <p>James R. Nock IBM Corporation - Dept. 917 3605 Highway 52 North Rochester, MN 55901-7829</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): <u>\$ 40.00</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p><input checked="" type="checkbox"/> Total fee due</p> <p><input checked="" type="checkbox"/> Any deficiencies in the enclosed fees</p> <p>8. Deposit account number: <u>09-0465</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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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.

James R. Nock
Name of Person Signing

James R. Nock
Signature

2-23-2001
Date

Total number of pages comprising cover sheet: 1

ASSIGNMENT

Whereas, we

(1) JAYDIP BHAUMIK, City of ROCHESTER,

County of OLMSTED and State of MINNESOTA,

(2) ROBERT ANDREW KERTIS, City of ROCHESTER,

County of OLMSTED and State of MINNESOTA,

(3) KLAAS BEREND KLAASSEN, City of SAN JOSE,

County of SANTA CLARA and State of CALIFORNIA,

(4) RAYMOND ALAN RICHETTA, City of ROCHESTER,

County of OLMSTED and State of MINNESOTA, and

(5) JACOBUS CORNELIS LEONARDUS VAN PEPPEN, City of SAN JOSE,

County of SANTA CLARA and State of CALIFORNIA,

have invented certain improvements in:

MAGNETO-RESISTIVE ASYMMETRY CORRECTION CIRCUIT

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

Dates
Inventors (1) 10/31, 2000, (2) 10/31, 2000, (3) 2/21, 200~~0~~¹,
Signed
Declaration

Dates
Inventors (4) 10/31, 2000, and (5) 2/21, 200~~0~~¹.
Signed
Declaration

And 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 invention 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
Inventor (1) at Rochester, MN
on 10/31, 2000.

Jaydip Bhaumik
(JAYDIP BHAUMIK)
First Name Last Name

Inventor
Signature

Inventor (2) at Rochester, MN
on 10/31, 2000.

Robert A. Kertis
(ROBERT A. KERTIS)
First Name Initial Last Name

Inventor
Signature

Inventor (3) at San Jose CA
on 02/21, ²⁰⁰¹~~2000~~.

[Signature]
(KLAAS B. KLAASSEN)
First Name Initial Last Name

Inventor
Signature

Inventor (4) at Rochester, MN
on 10/31, 2000.

[Signature]
(RAYMOND A. RICETTA)
First Name Initial Last Name

Inventor
Signature

Inventor (5) at San Jose, CA
on 02/21, ²⁰⁰¹~~2000~~.

[Signature]
(JACOBUS C. VAN PEPPEN)
First Name Initial Last Name

Inventor
Signature