

01-11-1999



100938398

RECEIVED

1999 JAN -7 AM 11: 36

OPR/FINANCE

MO 1-7-99

X

X

CONFIRMATORY INSTRUMENT

X

IBM CORPORATION

11051998

NAVY, SECRETARY OF THE,
UNITED STATES OF AMERICA
OFFICE OF NAVAL RESEARCH
800 NORTH QUINCY STREET
ARLINGTON VA

22217-5660

FRANK G. NIEMAN
OFFICE OF NAVAL RESEARCH
OFFICE OF COUNSEL
800 NORTH QUINCY STREET
ARLINGTON VA 22217-5660

Sta

FRA

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 9679 FRAME: 0814

FORM PTO-1619B

PATENT

(703) 696-4010

JEAN TRUMAN

OFFICE OF NAVAL RESEARCH

OFFICE OF COUNSEL

800 NORTH QUINCY STREET

ARLINGTON VA 22217-5660

1

08441133

1

No fee req'd

X

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. Charges to deposit account are authorized, as indicated herein.

FRANK G. NIEMAN

Name of Person Signing



Signature

12-28-98

Date

**DEPARTMENT OF THE NAVY
CONFIRMATORY INSTRUMENT**

1. APPLICATION FOR (Title of Invention)

**Digital Magnetoestistive Sensor Based on Giant
Magnetoresistance Effect**

2. INVENTOR(S)

Stuart S. P. Parkin

3. SERIAL NO. 441,133

4. FILING DATE 15 May 1995

5. CONTRACTOR/GRANTEE
IBM Corporation6. CONTRACT/GRANT NO.
N00014-93-C-0015
 7. The Invention identified above is a "Subject Invention" under Patent Rights Clause Patent Rights - Retention b
(identify clause by title and date)

the Contractor (Long Form) (Jan 1997)

Included in Contract/Grant No. N00014-93-C-0015

wi

Department of the Navy.

This document is confirmatory of the paid-up license granted to the government under this contract/grant in this invention, patent application and any resulting patent, and of all other rights acquired by the government by the referenced clause.

The government is hereby granted an irrevocable power to inspect and make copies of the above-identified application.

Signed this 5th day of November 19 98

(Seal)

 International Business
Machines Corporation

CONTRACTOR/GRANTEE

By: x

SIGNATURE

Marcus B. Heritage

NAME (Typed or printed)

Manager, Business Development

TITLE OF CONTRACTOR/GRANTEE OFFICIAL

 IBM Almaden Research Center
650 Harry Road
San Jose, CA 95120-6099

BUSINESS ADDRESS