

05-17-2002

PATENT

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IEET - PATENTS

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy thereof:

## 1. Name of conveying party(ies):

Joaquin Fernando Pacheco  
William Joseph Piazza  
Gregory Brian Pruett  
David B. Rhoades  
Linda Ann Riedle

5-9-02

## 2. Name and address of receiving party:

INTERNATIONAL BUSINESS MACHINES CORP.  
New Orchard Road  
Armonk, New York 10504

Additional name(s) &amp; address(es) attached?

Yes XXX No

Jc971 U.S. PTO  
10/142142  
05/09/02

## 3. Nature of conveyance: XXX Assignment

Execution Date: May 3, 2002, May 6, 2002 and May 8, 2002.

## 4. Application or patent number(s):

10,142,142

If this document is being filed together with a new application, the execution date of the application:

A. Patent Application No.(s):

B. Patent No.(s):

## 5. Name and address of party to whom correspondence concerning document should be mailed to:

Martin J. McKinley  
Personal and Printing Systems Group  
IBM Intellectual Property Law  
MD 9CCA-B002  
3039 Cornwallis Road  
Research Triangle Park, NC 27709

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41): \$ 40.00

Authorized to be charged to deposit account

8. Deposit account number: 09-1990  
(Duplicate copy of this sheet is attached)

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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.

Martin J. McKinley  
Name of Person Signing

Signature

5-9-02  
Date

Total number of pages including cover sheet, attachments and document: 3

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Assistant Commissioner for Patents  
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Washington, D. C. 20231

05/16/2002 LNUELLER 00000317 091990 10142142

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PATENT  
REEL: 012892 FRAME: 0767

**ASSIGNMENT**

Whereas, We,

**Joaquin Fernando Pacheco** of Wake County, Holly Springs, NC 27702**William Joseph Piazza** of Wake County, Apex, NC 27502**Gregory Brian Pruett** of Wake County, Raleigh, NC 27617**David B. Rhoades** of Wake County, Apex, NC 27702**Linda Ann Riedle** of Wake County, Apex, NC 27502

have invented certain improvements in

**ADAPTIVE STARTUP POLICY FOR ACCELERATING  
MULTI-DISK ARRAY SPIN-UP**

and executed, respectively, a United States patent application therefor on (Date Inventor Signed Declaration) (1) May 3, 2002; (2) MAY 8, 2002; (3) May 6, 2002; (4) PR Bill Riedle May 3, 2002; and (5) May 3, 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 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.

(1) Signed at RTP, NC on May 3, 2002.

Joaquín Fernando Pacheco  
Joaquin Fernando Pacheco

(2) Signed at RTP, NC on MAY 8, 2002.

William Joseph Piazza  
William Joseph Piazza

(3) Signed at RTP, NC on May 6, 2002.

Gregory Brian Pruett  
Gregory Brian Pruett

(4) Signed at RTP, NC on May 6, 2002.

David B. Rhoades  
David B. Rhoades

(5) Signed at RTP, NC on May 3, 2002.

Linda Ann Riedle  
Linda Ann Riedle