

10-05-2004

Form PTO-1595
(Rev. 10/02)
OMB No. 0651-0027 (exp. 6/30/2005)

RE:



U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

102851930

Tab settings ⇄ ⇄ ⇄

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

1. Name of conveying party(ies):
John V. Burroughs, Stephen E. Strickland and
Timothy E. Dorr

2. Name and address of receiving party(ies)

Name: EMC Corporation

Internal Address: _____

9-27-04

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

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other _____

Street Address: 35 Parkwood Drive

Hopkinton, MA 01748

Execution Date: 09/15/2004

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

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

130-029

If this document is being filed together with a new application, the execution date of the application is: 09/15/2004

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: Mary Steubing

Steubing McGuinness & Manaras LLP

Internal Address: _____

Street Address: 125 Nagog Park Drive

City: Acton State: MA Zip: 01720

6. Total number of applications and patents involved: 1

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

Paid previously

Additional fees authorized to be charged to deposit account

8. Deposit account number:

502569

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Mary Steubing

Name of Person Signing

Mary Steubing
Signature

9/24/04

Date

Total number of pages including cover sheet, attachments, and documents:

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

10/04/2004 EC00PER 00000202 502569 10950950

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22390 U.S. PTO
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092704

PATENT
REEL: 015842 FRAME: 0671

ASSIGNMENT

WHEREAS, we, John V. Burroughs, Stephen E. Strickland, and Timothy E. Dorr have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled **Disk Drive Input Sequencing for Staggered Drive Spin-up**, the specification of which:

- is being executed on even date herewith and is about to be filed in the United States Patent Office;
- was filed on _____ as U.S. Application No. _____;
- was patented under U.S. Patent No. _____ on _____.

WHEREAS, EMC Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having a usual place of business at 176 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including

the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

Date: 9/15/04

John V. Burroughs
Inventor's Signature

Print full name of first inventor:

John V. Burroughs

Residence:

39 Boulder Brook Road
East Sandwich, MA 02537

Citizenship:

USA

Mailing Address:

39 Boulder Brook Road
East Sandwich, MA 02537

STATE/Commonwealth of
COUNTY OF

Massachusetts
Worcester

On this 15th day of September, 2004, then personally appeared before me the above-named John V. Burroughs known to me through satisfactory evidence of identification [] employee identification card; [] driver's license; [] (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Nancy J. Forristee
Notary Public

Print Name: Nancy J. Forristee

My Commission expires 03/07/2008

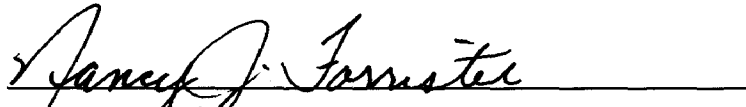
Date: 9/15/04


Inventor's Signature

Print full name of second inventor: **Stephen E. Strickland**
Residence: 99 Lakeshore Drive, Marlborough, MA 01752
Citizenship: USA
Mailing Address: 99 Lakeshore Drive, Marlborough, MA 01752

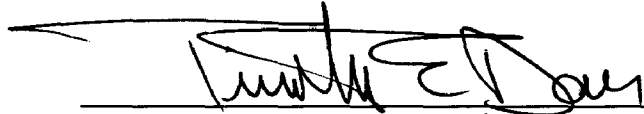
STATE/Commonwealth of Massachusetts
COUNTY OF ~~Middlesex~~ Worcester

On this 15th day of September, 2004, then personally appeared before me the above-named Stephen E. Strickland known to me through satisfactory evidence of identification employee identification card; driver's license; (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.


Notary Public

Print Name: Nancy J. Forrester
My Commission expires 03/07/2008

Date: 9/15/2004

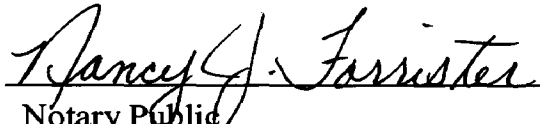


Inventor's Signature

Print full name of third inventor: **Timothy E. Dorr**
Residence: 82 Old Country Road, Lancaster, MA 01523
Citizenship: USA
Mailing Address: 82 Old Country Road, Lancaster, MA 01523

STATE/Commonwealth of Massachusetts
COUNTY OF Worcester

On this 15th day of September, 2004, then personally appeared before me the above-named Timothy E. Dorr known to me through satisfactory evidence of identification employee identification card; driver's license; (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.



Notary Public
Print Name: Nancy J. Forrister
My Commission expires 03/07/2008