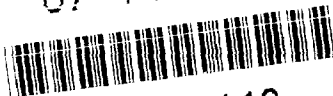


07-14-2003

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

U.S. DEPARTMENT OF COMMERCE
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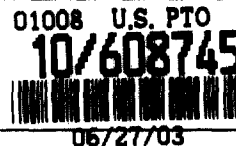
To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Steven D. Sardella, Stephen E. Strickland, Bassem N. Bishay,
Thomas J. Connor, Jr.

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

6-27-03

2. Name and address of receiving party(ies)
Name: EMC Corporation
Internal Address: _____



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: _____

Street Address:
35 Parkwood Drive
Hopkinton, MA 01749

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

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

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

A. Patent Application No.(s) 10608745

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Lindsay G. McGuinness
Steubing McGuinness & Manaras LLP
Internal Address: _____
Street Address: 30 Nagog Park Drive
City: Acton State: MA Zip: 01720

6. Total number of applications and patents involved: 0 1

7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

10. Deposit account number:
502569

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

DO NOT USE THIS SPACE

11. 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.

Lindsay G. McGuinness, Reg. No. 38,549

Name of Person Signing

Lindsay G. McGuinness

Signature

6/26/2003

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
Alexandria, VA

07/14/2003 ECOOPER 00000001 502569 10608745

01 FC:8021 40.00 DA

PATENT/Assignment
Attorney Docket No.: 130/015
Express Mail Label:

ASSIGNMENT

WHEREAS, we, Steven D. Sardella, Stephen E. Strickland, Bassem N. Bishay and Thomas J. Connor, Jr., 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, **Invertible, Pluggable Module for Variable I/O Densities** the specification of which:

is being executed on even date herewith and is about to be filed in the United States Patent Office;

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 35 Parkwood Drive, 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,

PATENT/Assignment
Attorney Docket No.: 130/011
Client Ref. No.: EMC-03-007

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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: June 26, 2003

Steven D. Sardella

Inventor's Signature

Print full name of first inventor:

Steven D. Sardella

Residence:

PMB #191, 771 Boston Post Road East,
Marlborough, MA 01752

Citizenship:

USA

Mailing Address:

PMB #191, 771 Boston Post Road East,
Marlborough, MA 01752

STATE/Commonwealth of
COUNTY OF

Massachusetts
Worcester

Then personally appeared before me the above-named Steven D. Sardella and acknowledged that he executed the foregoing instrument as his free act and deed this 26 day of June, 2003.

Nancy J. Forrester
Notary Public

Print Name: NANCY J. FORRISTER

My Commission expires My Commission Expires
March 7, 2008

PATENT/Assignment
Attorney Docket No.: 130/011
Client Ref. No.: EMC-03-007

-3-

Date: June 26, 2003


Inventor's Signature

Print full name of joint inventor:

Stephen E. Strickland

Residence:

99 Lakeshore Drive, Marlboro, MA 01752

Citizenship:

USA

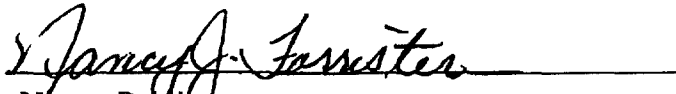
Mailing Address:

99 Lakeshore Drive, Marlboro, MA 01752

STATE/Commonwealth of
COUNTY OF

Massachusetts
Sturcester

Then personally appeared before me the above-named Stephen E. Strickland and acknowledged that he executed the foregoing instrument as his free act and deed this 26 day of June, 2003.


Notary Public

Print Name: NANCY J. FORRISTER
Notary Public

My Commission expires March 7, 2008

PATENT/Assignment
Attorney Docket No.: 130/011
Client Ref. No.: EMC-03-007

-4-

Date: June 26, 2003



Inventor's Signature

Print full name of joint inventor:

Bassem N. Bishay

Residence:

26 Quincy Way, Attleboro, MA 02703

Citizenship:

USA

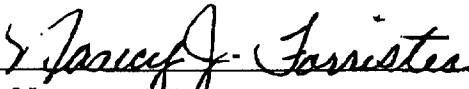
Mailing Address:

26 Quincy Way, Attleboro, MA 02703

STATE/Commonwealth of
COUNTY OF

Massachusetts
Worcester

Then personally appeared before me the above-named Bassem N. Bishay and acknowledged that he executed the foregoing instrument as his free act and deed this 26 day of June, 2003.



Notary Public

Print Name: NANCY J. FORRISTER

My Commission expires March 7, 2006

PATENT/Assignment
Attorney Docket No.: 130/011
Client Ref. No.: EMC-03-007

-5-

Date: June 26, 2003

Thomas J. Connor, Jr.
Inventor's Signature

Print full name of joint inventor:

Thomas J. Connor, Jr.

Residence:

36 Lakeview Drive, Winchendon, MA 01475

Citizenship:

USA

Mailing Address:

36 Lakeview Drive, Winchendon, MA 01475

STATE/Commonwealth of
COUNTY OF

Massachusetts
Worcester

Then personally appeared before me the above-named Thomas J. Connor, Jr. and acknowledged that he executed the foregoing instrument as his free act and deed this 26 day of June, 2003.

Nancy J. Forrister
Notary Public

Print Name: NANCY J. FORRISTER
Notary Public

My Commission expires March 7, 2008