

11-08-2002



COVER SHEET  
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FORM PTO-1595 U.S.  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

102276661

DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

1. Name of conveying party(ies):  
**Steven M. Blumenau, Christopher J. Hackett  
 Matthew J. D'Errico**  
*11-5-02*

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

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: **December 29, 1998 and  
 September 12, 2002**

2. Name and address of receiving party(ies)

Name: **EMC Corporation**

Internal Address:

Street Address: **35 Parkwood Drive  
 Hopkinton, MA 01748**

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

4. Application number(s) or patent number(s): 10/238,806

If this document is being filed together with a new application, the execution date of the application is  
 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: **Richard F. Giunta**  
 Address: **Wolf, Greenfield & Sacks, P.C.  
 Federal Reserve Plaza  
 600 Atlantic Avenue  
 Boston, MA 02210**

6. Total number of applications and patents involved: **[ 1 ]**

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

Enclosed  
 Authorized to be charged to deposit account

The Commissioner is authorized to charge any deficiencies in the enclosed payment to:

8. Deposit Account No: 23/2825

11/07/2002 DBYRNE 00000080 10238806  
 01 PC-0021 40.00 PD

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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.*

Richard F. Giunta	<i>Richard F. Giunta</i>	10/31/02
Name of Person Signing	Signature	Date

Total number of pages including cover sheet, attachments, and document: **[ 6 ]**

Mail documents to be recorded with required cover sheet information to (modify as appropriate):  
**Box Assignment**  
 Director - U.S. Patent and Trademark Office (when filed separately from a new application)  
 Commissioner of Patents (when filed with a new application)  
 Washington, D.C. 20231

**ASSIGNMENT**

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned Steven M. Blumenau, 170 Holly Lane, Holliston, MA 01745, Christopher J. Hackett, 16 Adams Street, Boylston, MA 01505, Matthew J. D'Errico, 9 Banfill Lane, Southboro, MA 01772, hereby

Sell, assign and transfer to EMC Corporation, a MA corporation having a place of business at 171 South Street, Hopkinton, MA 01748-9103, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent executed of even date herewith and entitled **METHOD AND APPARATUS FOR PROVIDING SECURE ACCESS TO A COMPUTER SYSTEM RESOURCE**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made

others by us, and that full right to convey the same as herein expressed is possessed by us.

Dated: 12/29/1998

Steven M. Blumenau  
Steven M. Blumenau

STATE OF Massachusetts :  
COUNTRY OF Worcester :

Subscribed and sworn to before me this 29<sup>th</sup> day of December.

SEAL John B. Sommer  
Notary Public  
My Commission Expires 9-2-2005

Dated: 12/29/98

Christopher J. Hackett  
Christopher J. Hackett

STATE OF Massachusetts :  
COUNTRY OF Worcester :

Subscribed and sworn to before me this 29<sup>th</sup> day of December.

SEAL John B. Sommer  
Notary Public  
My Commission Expires 9-2-2005

Dated: \_\_\_\_\_

\_\_\_\_\_  
MATTHEW J. D'ERRICO

STATE OF \_\_\_\_\_ :  
COUNTY OF \_\_\_\_\_ :

Subscribed and sworn to before me this \_\_\_\_ day of \_\_\_\_\_.

SEAL

\_\_\_\_\_  
Notary Public

My Commission Expires \_\_\_\_\_

**ASSIGNMENT**

For good and valuable consideration, the sufficiency of which is hereby acknowledged, I, the undersigned, Matthew J. D'Errico, 9 Banfill Lane, Southboro, MA 01772; hereby:

Sell, assign and transfer to EMC Corporation, a Massachusetts corporation having a place of business at 35 Parkwood Drive, Hopkinton, MA 01748, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent Serial No. 09/224,789 (now U.S. Patent No. 6,449,652) filed on January 4, 1999, and entitled **METHOD AND APPARATUS FOR PROVIDING SECURE ACCESS TO A COMPUTER SYSTEM RESOURCE**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;

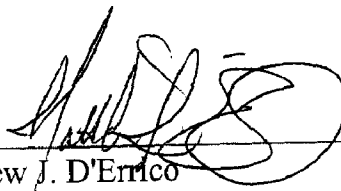
Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

12 SEPT 2002

Date

Matthew J. D'Errico



STATE OF Massachusetts :  
COUNTY OF Middlesex :

Subscribed and sworn to before me this 12<sup>th</sup> day of September, 2002.

SEAL

Patricia Ann MacMunn  
Notary Public

My Commission Expires \_\_\_\_\_

