

05-27-2005



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

112948 U.S. PTO  
11/134935

5/23/05

Date \_\_\_\_\_

**PATENT**  
**REEL: 016594 FRAME: 0140**

## **ASSIGNMENT**

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Edgar J. St. Pierre, 1510 Highland Avenue, Fall River, MA 02720, Peggy A. McBride, 36 Deer Field Road, Shrewsbury, MA 01545, Glenn E. Miller, 7 Glenview Road, Auburn, MA 01501 hereby

Sell, assign and transfer to EMC Corporation, a Massachusetts 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 filed in the United States Patent and Trademark Office on June 29, 1999 under Serial No. 09/342,453 and entitled **METHOD AND APPARATUS FOR DUPLICATING COMPUTER BACKUP DATA**, 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.

We 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, we 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.

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

We 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.

Date

9/21/99

EDGAR ST. PIERRE

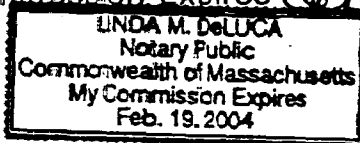
STATE OF Massachusetts :  
COUNTY OF Norfolk :

Subscribed and sworn to before me this 21<sup>st</sup> day of September, 1999

SEAL

Linda M. DeLuca  
Notary Public

My Commission Expires Feb 19, 2004



Date

9/21/99

Peggy A. McBride  
PEGGY A. MCBRIDE

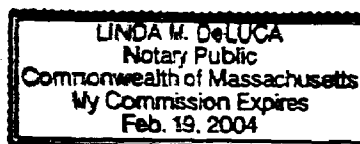
STATE OF Massachusetts :  
COUNTY OF Norfolk :

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SEAL

Linda M. DeLuca  
Notary Public

My Commission Expires Feb 19, 2004



RXP/ss

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E0295/7100

Date

9/21/99

GLENN E. MILLER

*Glenn E Miller*

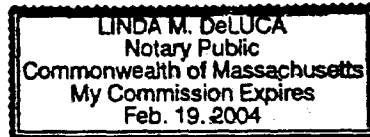
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COUNTY OF Norfolk :

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SEAL

*Linda M. DeLuca*  
Notary Public

My Commission Expires Feb 19, 2004



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E0295/7100

RECORDED: 05/23/2005

PATENT  
REEL: 016594 FRAME: 0143