R

05-06-2003

R SHEET

DEPARTMENT OF COMMERCE Patent and Trademark Office

FORM PTO-1595 U.S. (Rev. 6-93)

OND NO. 0031-0011 (Exp. 434)	
To the Commissioner for Patents : Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): Stephen J. Todd, Steven M. Blumenau, Zoran Cakeljic 4-23-03 Additional name(s) of conveying party(ies) attached? [] Yes [X] No	Name and address of receiving party(ies) Name: EMC Corporation Internal Address:
3. Nature of conveyance:	Street Address: 35 Parkwood Drive
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other	Hopkinton, MA 01748 Additional name(s) & addresses(es) attached? [] Yes [X] No
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is January 13, 2003 and January 14, 2003 A. Patent Application No.(s) B. Patent No.(s)	
Additional numbers attached? [] Yes [X] 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 5/2003 CHAILE1 00000067 10421478 C48021	6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41) \$40.00 [X] 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
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.	
Richard F. Giunta Name of Person Signing Signatu	re 9/23/03
Total number of pages including cover sheet, attachments, and document: [3]	

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

> **PATENT** REEL: 014016 FRAME: 0068

ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, we, the undersigned, Stephen J. Todd, 36 Thomas Farm Circle, Shrewsbury, MA 01545, Steven M. Blumenau, 170 Holly Lane, Holliston, MA 01746 and Zoran Cakeljic, 18 Kendall Terrace, Newton, MA 02458; 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 executed of even date herewith and entitled **METHOD AND APPARATUS FOR MIGRATING DATA IN A COMPUTER SYSTEM**, 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, 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 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/me.

668085.1

RECORDED: 04/23/2003

PATENT REEL: 014016 FRAME: 0069