FORM PTO-1595
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OMB No. 0651-0011 (eyp. 4/94)

09-24-1998

cket No. E0295/7073 MBL

ER SHEET

100837359 PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB NO. 0651-0011 (exp. 4/54)	
To the Commissioner of Patents and Trademarks: Pleas	e record the attached original documents or copy thereof.
Name of conveying party(les): Edgar J. St. Pierre, Alton Gill, Madhav Mutalik and John Wallace	Name and address of receiving party(ies) Name: EMC Corporation Internal Address:
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	illelliai Address.
3. Nature of conveyance:	474 0
[X] Assignment [] Merger 9-17-98	Street Address: 171 South Street Hopkinton, MA 01748-9103
[] Security Agreement [] Change of Name	Additional name(s) & addresses(es) attached? [] Yes [X] No
[] Other	
Execution Date: August 26, 1998	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new applicati	pn, the execution date of the application is
A. Patent Application No.(s) 09/107,742	B. Patent No.(s)
Additional numbers at	tached? { } Yes [X] No
Name and address of party to whom correspondence Concerning document should be mailed:	Total number of applications and patents involved: [1]
Name: Matthew B. Lowrie Address: WOLF, GREENFIELD & SACKS, P.C. Federal Reserve Plaza	7. Total fee (37 CFR 3.41)\$ 40.00
600 Atlantic Avenue	11 A selection I As the observation of the selection of t
Boston, MA 02210	[] Authorized to be charged to deposit account The Commissioner is authorized to charge:
	8. Deposit Account No: 23/2825
DO NOT USE	72
9. Statement and signature To the best of my knowledge and belief, the foregoing information copy of the original document.	mation is true and correct and any attached copy is a true
Matthew B. Lowrie Signatu	re Date 🛣
Total number of pages including cover s	sheet, attachments, and document: [9]

Mail documents to be recorded with required cover sheet information to:

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; Alton Gill 79 Brown Road, Harvard, MA 01451; Madhav Mutalik, 115 Colburn Street, Northboro, MA 01532; and John Wallace, 22 baron Road, Franklin, MA 02038 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 30, 1998 under Serial No. 09/107,742 and entitled METHOD AND APPARATUS FOR BACKING UP DATA BEFORE UPDATING THE DATA AND FOR RESTORING FROM THE BACKUPS, 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.

PATENT REEL: 9475 FRAME: 0112

other agreement affecting the rights a	no assignment, grant, mortgage, license or and property herein conveyed has been made convey the same as herein expressed is
STATE OF Masyachusets : COUNTY OF Masyachusets : Subscribed and sworn to before me this at day of august 1998.	
SEAL	My Commission Expires Leb 19 2004
09 - 26 - 98 Date	Min an Till ALTON GILL
STATE OF MOMAChuse Medicine COUNTY OF MOTOR Solver of the County of the	is Auday of Cugust 1998.
SEAL	Motary Public

8 26 98 Date	madrav mutalik
STATE OF MAMachusethe COUNTY OF Motock Subscribed and sworn to before me the	-: his All day of Cugust 1998.
SEAL	Notary Public My Commission Expires Seb 19, 2004
<u>08 26 98</u> Date	JOHN WALLACE
STATE OF Manachuseth : COUNTY OF Montalk : Subscribed and sworn to before me this At day of wast 1998 .	
SEAL	Motary Public
	My Commission Expires Jub 19 Jevi

RECORDED: 09/17/1998

PATENT REEL: 9475 FRAME: 0114