

12-17-2003

SHEET

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

102625229

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):
Michael Kilian, Stephen Todd, Tom Teugels, Jan Van Riel and Carl D'Halluin

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: **November 21, 2003**

2. Name and address of receiving party(ies)

Name: **EMC Corporation**

Internal Address:

Street Address: **176 South Street
Hopkinton, MA**Additional name(s) & addresses(es) attached? ☐ Yes ☒ 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
November 21, 2003.

A. Patent Application No.(s)

B. Patent No.(s)

10,731,603Additional numbers attached? ☐ Yes ☒ No5. 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

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

*Richard F. Giunta***12/9/03**

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **[4]**

Mail documents to be recorded with required cover sheet information to (modify as appropriate):

**Mail Stop Assignment Recordation Services
Commissioner of Patents
PO Box 1450, Alexandria, VA 22313-1450**

**PATENT
REEL: 014784 FRAME: 0101**

ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, I/we, the undersigned, hereby:

Sell, assign and transfer to EMC Corporation, a Massachusetts corporation having a place of business at 176 South Street, Hopkinton, MA, 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, bearing attorney docket number E0295.70197US00 and entitled **METHODS AND APPARATUS FOR PARSING A CONTENT ADDRESS TO FACILITATE SELECTION OF A PHYSICAL STORAGE LOCATION IN A DATA STORAGE 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, 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/me.

Nov 21, 2003
Date

Michael Kilian
Michael Kilian

STATE OF Massachusetts:
COUNTY OF Suffolk:

Subscribed and sworn to before me this 21st day of November, 2003.

SEAL

Ronna V. Reed
Notary Public

My Commission Expires 3/19/04

Nov 21, 2003
Date

Stephen Todd
Stephen Todd

STATE OF Massachusetts:
COUNTY OF Suffolk:

Subscribed and sworn to before me this 21st day of November, 2003.

SEAL

Ronna V. Reed
Notary Public

My Commission Expires 3/19/04

Nov 21, 2003
Date

Tom Tergels

STATE OF Massachusetts
COUNTY OF Suffolk:

Subscribed and sworn to before me this 21st day of November, 2003.

SEAL

Donna V. Reed
Notary Public

My Commission Expires 3/19/04

Nov 21, 2003
Date

Jan Van Riel

STATE OF Massachusetts
COUNTY OF Suffolk:

Subscribed and sworn to before me this 21st day of November, 2003.

SEAL

Donna V. Reed
Notary Public

My Commission Expires 3/19/04

Nov 21, 2003
Date

Carl D'Halluin
Carl D'Halluin

STATE OF Massachusetts:
COUNTY OF Suffolk:

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SEAL

Donna V. Reed
Notary Public

My Commission Expires 3/19/04