

RES

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01-10-2001

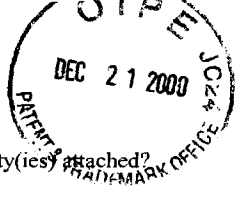


Department of Commerce  
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Attorney Docket No. 40921/205583

To the Honorable Commissioner of Patents and Trademarks

Original documents or copy thereof.

101577405



1. Name of conveying party(ies):

Dov Bulka and Manoj Nair

Additional name(s) of conveying party(ies) attached?

Yes  No

2. Name and address of receiving party(ies):

Name: EMC Corporation  
Address: 35 Parkwood Drive  
Hopkinton, Maine 01748

Additional name(s) of receiving party(ies) attached?

Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: September 27, 2000

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:

Titled: "Negative Cache Management System and Method;" Attorney Docket No. 40921-205583

A. Patent Application No(s): 09/672421

B. Patent No.(s):

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

A. José Cortina  
Kilpatrick Stockton LLP  
3737 Glenwood Avenue, Suite 400  
Raleigh, North Carolina 27612

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00  
 Enclosed  
 Authorized any deficiencies to be charged to deposit account  
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8. Deposit account number: 16-1435

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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.

A. José Cortina  
Name of Person Signing

Signature

December 19, 2000  
Date

Total number of pages comprising cover sheet: 1

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40921-205583  
WINLIB01:848351.1

PATENT  
REEL: 011403 FRAME: 0061

12/21/00

For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or U.S. Patent  
For:  PCT Application  
By:  Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (inventors):

Dov Bulka 7819 Falcon Rest Circle USA  
(type or print name of inventors) Address Nationality  
Raleigh, North Carolina 27615

Manoj Nair 101 Kindletree Ct. Apt. 2F India  
(type or print name of inventors) Address Nationality  
Cary, North Carolina 27513

hereby sell, assign and transfer to

ASSIGNEE:

EMC Corporation 35 Parkwood Drive  
(type or print name of ASSIGNEE) Address  
United States of America Hopkinton, Massachusetts 01748  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following:

- the entire right, title and interest
- an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest

for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority in and to any all improvements which are disclosed in the invention entitled:

**NEGATIVE CACHE MANAGEMENT SYSTEM AND METHOD**

(check and complete (a), (b), (c) or (d))

and which is found in

- (a)  The patent application filed concurrently herewith  
 via Express mail label no.: WL 507 833 081 US
- (b)  U.S. provisional patent application serial no. \_\_\_\_\_ filed on \_\_\_\_\_  
 via Express mail label no. \_\_\_\_\_
- (c)  International application no. PCT/ \_\_\_\_\_ filed on \_\_\_\_\_
- (d)  and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof;

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this 9.27.2000  
(Date of signing)

Dov Bulka  
(type name of Inventor)

Dov Bulka  
Signature of Inventor

Manoj Nair  
(type name of Inventor)

Manoj Nair  
Signature of Inventor

Notarization or Legalization Pages Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

**NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT**

NOTE: Executing this page is not required for assignment and is only prima facie evidence of execution. 35 USC 261.

Details of Country \_\_\_\_\_  
and place of signing of assignment \_\_\_\_\_  
\_\_\_\_\_

Before me this \_\_\_\_\_ day of \_\_\_\_\_ 2000 personally appeared the above named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed

\_\_\_\_\_  
Notary Public or Consular Officer of the United States of America

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