

01-19-1999

Dkt #EM97-010



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ER SHEET  
ONLYU.S. PTO  
09/225461

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Douglas LeCrone

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

[&gt;] Yes

[X] No

3. Nature of Conveyance:

[X] Assignment [ ] Merger

[&gt;] Security Agreement [ ] Change of Name

[&gt;] Other: \_\_\_\_\_

Execution Date: \_\_\_\_\_

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

Name: EMC Corporation

Internal Address: \_\_\_\_\_

Street Address: 35 Parkwood DriveCity: Hopkinton State: Ma Zip: 01748

Additional name(s) and address(es) attached? [&gt;] Yes [X] No

09225461

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: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

01/06/99

Additional numbers attached? [&gt;] Yes [X] No

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

Name: Maureen StretchStreet Address: 26 Charles StreetCity: Natick State: MA Zip: 01760

6. Total number of applications and patents involved:

[1]

7. Total fee (37 CFR 3.41): \$40

[&gt;] Enclosed

[X] Authorized to be charged to  
deposit account

8. Deposit account number 05-0889

Attach duplicate of this page if paying by deposit account)

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.*

01/19/1999 DNGUYEN 00000088 050889 09225461

01/19/99 40.00 CH

Maureen Stretch

Name of Person Signing

Maureen Stretch

Signature

1/6/99

Date

Total number of pages comprising cover sheet: [5]

PATENT  
REEL: 9695 FRAME: 0262

## ASSIGNMENT

WHEREAS, Douglas LeCrone has made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled Host System for Remote Control of Mass Storage Volumes Using Cascading Commands, the specification of which:

X was executed by us on the date(s) indicated below;

≥ was filed on ≥ as Application Serial No ≥;

≥ was patented under U.S. Patent No. ≥ on ≥;

WHEREAS, EMC Corporation, a corporation of the Commonwealth of Massachusetts, whose address is 35 Parkwood Drive, Hopkinton, MA 01748, and who, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the entire right, title, and interest together with the benefits and privileges hereinafter recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation;

1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;

3. Authorize and request the Commissioner of patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as Assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other

physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

IN WITNESS WHEREOF:

DATE I EXECUTED APPLICATION: 12/30/98

Today's Date: 12/30/98

Name: Douglas LeCrone

Signature: [Signature]

STATE OF: Massachusetts

COUNTY OF: Worcester

On this 30<sup>th</sup> day of December, 1998, before me personally appeared Douglas LeCrone known to me to be the person described in and who executed the foregoing instrument, and who acknowledged that he/she executed the same as his/her free act and deed.

[Signature]

Notary Public

My Commission Expires: 9-2-1998

IN WITNESS WHEREOF:

DATE I EXECUTED APPLICATION: 12-30-1998

Today's Date: 12-30-1998