

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6083169

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the 10/962,301 previously recorded on Reel 015918 Frame 0565. Assignor(s) hereby confirms the MERGER DOCUMENT.

CONVEYING PARTY DATA

Name	Execution Date
SYSTEM MANAGEMENT ARTS INCORPORATED	12/20/2004

RECEIVING PARTY DATA

Name:	EMC CORPORATION
Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748

PROPERTY NUMBERS Total: 17

Property Type	Number
Application Number:	10124881
Application Number:	10400718
Application Number:	10813842
Application Number:	10814964
Application Number:	10949415
Application Number:	10950150
Application Number:	10949589
Application Number:	10977024
Application Number:	60543196
Application Number:	60544536
Application Number:	60604325
Application Number:	60603330
Application Number:	60604330
Application Number:	60552559
Patent Number:	5528516
Patent Number:	5661668
Patent Number:	6249755

CORRESPONDENCE DATA**PATENT**

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: Holly_Vigliatura@dell.com
Correspondent Name: EMC IP HOLDING COMPANY LLC
Address Line 1: 176 SOUTH STREET
Address Line 4: HOPKINTON, MASSACHUSETTS 01748

ATTORNEY DOCKET NUMBER:	EMC-05-141-US
NAME OF SUBMITTER:	HOLLY VIGLIATURA
SIGNATURE:	/Holly Vigliatura/
DATE SIGNED:	04/29/2020

Total Attachments: 9

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patents and Trademarks Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

SYSTEM MANAGEMENT ARTS INCORPORATED

Merger Agreement Execution Date : December 20, 2004
Articles of Merger Recordation Date: February 1, 2005

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

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmation License
- Other _____

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

Name: EMC CORPORATION

Internal Address: Office of the General Counsel

Street Address: 176 South Street

City: Hopkinton

State: Massachusetts

Country: USA Zip: 01748

Additional name(s) and address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Applications:

10/124,881	10/950,150	60/543,196
10/400,718	10/949,589	60/544,536
10/813,842	10/962,301	60/604,325
10/814,964	10/977,024	60/603,330
10/949,415		60/604,330
		60/552,559

B. Patents:

5,528,516
5,661,668
6,249,755

Additional numbers attached? Yes No

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

Name: Leanne J. Fitzgerald, Esq.

Internal Address: EMC Corporation

Office of the General Counsel

Street Address: 176 South Street

City: Hopkinton State: MA Zip: 01748

Phone Number: 508-293-7256

Fax Number: 508-293-7189

Email Address: fitzgerald_leanne@emc.com

6. Total number of applications and patents involved: 18

7. Total fee (37 CFR 3.41): \$ 700.00

- Authorized to be charge by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit account number 05-0889

Authorized User Name Leanne J. Fitzgerald

9. Signature:



Signature

03-18-05
Date

Leanne J. Fitzgerald, Esq. (Reg. No. 40,606)

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: []

CH \$700.00 060669 10124881

MA SOC Filing Number: 200599605460 Date: 02/01/2005 3:43 PM

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02-01-05 03:12pm From-EMC LEGAL

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T-353 P.02/08 F-254

DT
PC

The Commonwealth of Massachusetts

William Francis Galvin
Secretary of the Commonwealth
One Ashburton Place, Boston, Massachusetts 02108-1512

FORM MUST BE TYPED

Articles of Merger

FORM MUST BE TYPED

Domestic Corporation Involving Foreign Corporation or Foreign Other Entity
(General Laws, Chapter 156D, Section 11.06; 950 CMR 113.37)

Exact name, jurisdiction and date of organization of each party to the merger

(1) EXACT NAME	(2) JURISDICTION	DATE OF ORGANIZATION
EMC Corporation	Massachusetts	August 23, 1979
System Management Arts Incorporated	Delaware	January 27, 1993

(3) The foreign corporation or other entity is is not authorized to conduct business in the Commonwealth.

(4) Exact name of the surviving entity EMC Corporation

(5) The jurisdiction under the laws of which the surviving entity will be organized Massachusetts

(6) The merger shall be effective at the time and on the date approved by the Division unless a later effective date not more than 90 days from the date and time of filing is specified _____

For each domestic corporation that is a party to the merger:

(Please check the appropriate box)

(7) The plan of merger was duly approved by the shareholders and, if voting by any separate voting group was required, by each separate voting group, in the manner required by G. L., Chapter 156D and the corporation's articles of organization.

OR

(8) The plan of merger did not require the approval of the shareholders.

(9) Participation of each other domestic entity, foreign corporation, or foreign other entity was duly authorized by the law under which the other entity or foreign corporation is organized and by its organizational documents.

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PAGE 03/05

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(10) Where applicable, attach any amendment to articles of organization of the surviving entity, where the survivor is a domestic business corporation.

(11) Where applicable, attach the articles of organization of the surviving entity, where the survivor is a NEW domestic business corporation, including all the supplemental information required by 950 CMR 113.16.

(12) Where applicable, the executive office address of a foreign other entity, if such information is not on the record of the foreign other entity and such foreign other entity is the survivor of the merger.

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02-01-05 03:12pm From-EMC LEGAL 5082937189 T-052 P.04/05 F-254

Signed by *Sumner Permut* Vice President & Assistant General Counsel
(signature of authorized individual) For EMC Corporation

- Chairman of the Board of Directors
- President
- Other Officer
- Court-appointed fiduciary.

on this 1st day of Feb. of 2005

Signed by *Sumner Permut* Secretary,
(signature of authorized individual) For System Management Arts Inc.

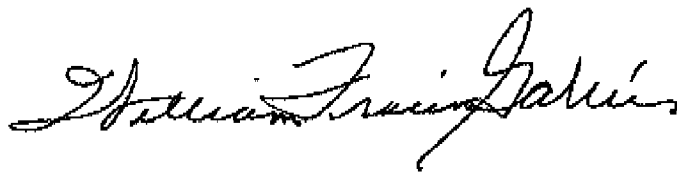
- Chairman of the Board of Directors
- President
- Other Officer
- Court-appointed fiduciary.

on this 18th day of Feb of 2005

THE COMMONWEALTH OF MASSACHUSETTS

I hereby certify that, upon examination of this document, duly submitted to me, it appears that the provisions of the General Laws relative to corporations have been complied with, and I hereby approve said articles; and the filing fee having been paid, said articles are

deemed to have been filed with me on:
February 01, 2005 3:43 PM



WILLIAM FRANCIS GALVIN

Secretary of the Commonwealth

Delaware

PAGE 1

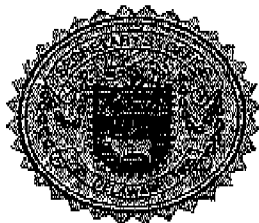
The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"SYSTEM MANAGEMENT ARTS INCORPORATED", A DELAWARE CORPORATION,

WITH AND INTO "EMC CORPORATION" UNDER THE NAME OF "EMC CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF MASSACHUSETTS, AS RECEIVED AND FILED IN THIS OFFICE THE FIRST DAY OF FEBRUARY, A. D. 2005, AT 4:35 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

3920142 8100M

AUTHENTICATION: 3656027

050080466

DATE: 02-01-05

PATENT
REEL: 015218 FRAME: 0569

State of Delaware
Secretary of State
Division of Corporations
Delivered 02:14 PM 02/01/2005
FILED 04:35 PM 02/01/2005
SPY 050080466 - 2323921 FILE

CERTIFICATE OF OWNERSHIP AND MERGER

MERGING

System Management Arts Incorporated

INTO

EMC Corporation

EMC Corporation, a corporation organized and existing under the laws of Massachusetts,

DOES HEREBY CERTIFY:

FIRST: That this corporation was incorporated on the 23rd day of August, 1979, pursuant to the Business Corporation Law of the State of Massachusetts, the provisions of which permit the merger of a subsidiary corporation of another state into a parent corporation organized and existing under the laws of said state.

SECOND: That this corporation owns all of the outstanding shares (of each class) of the stock of System Management Arts Incorporated, a corporation incorporated on the 27th day of January, 1993, pursuant to the Delaware General Corporation Law of the State of Delaware ("SMARTS").

THIRD: That this corporation, by the following resolutions of its Board of Directors, duly adopted at a meeting held on the 13th day of December, 2004, determined to merge into itself said SMARTS:

RESOLVED, that EMC Corporation merge, and it hereby does merge into itself SMARTS and assumes all of its obligations;

and

FURTHER RESOLVED, that the merger shall become effective on February 1, 2005 at 5:00 p.m.;

and

FURTHER RESOLVED, that this corporation survives the merger and may be served with process in the State of Delaware in any proceeding for enforcement of any obligation of SMARTS as well as for enforcement of any obligation of the surviving corporation arising from the merger, including any suit

or other proceeding to enforce the right of any stockholder as determined in appraisal proceedings pursuant to the provisions of Section 262 of the General Corporation Law of the State of Delaware, and it does hereby irrevocably appoint the Secretary of State of Delaware as its agent to accept service of process in any such suit or other proceeding. The address to which a copy of such process shall be mailed by the Secretary of State of Delaware is 176 South Street, Hopkinton, Massachusetts 01748, Attn: Office of the General Counsel until the surviving corporation shall have hereafter designated in writing to the said Secretary of State a different address for such purpose. Service of such process may be made by personally delivering to and leaving with the Secretary of State of Delaware duplicate copies of such process, one of which copies the Secretary of State of Delaware shall forthwith send by registered mail to EMC Corporation at the above address.

and

FURTHER RESOLVED, anything herein or elsewhere to the contrary notwithstanding, this merger may be amended or terminated and abandoned by the Board of Directors of EMC Corporation at any time prior to the time that this merger filed with the Secretary of State becomes effective.

[REMAINDER OF PAGE INTENTIONALLY BLANK]

IN WITNESS WHEREOF, said EMC Corporation has caused this Certificate of Ownership and Merger to be signed by Paul T. Dacier, its Senior Vice President and General Counsel, this 1st day of February, 2005.



Paul T. Dacier
Senior Vice President and General Counsel