

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Brian Gruttadauria</td><td>09/08/2008</td></tr><tr><td>Shyam Sareen</td><td>09/08/2008</td></tr><tr><td>Joseph Frank</td><td>09/08/2008</td></tr><tr><td>Paul Malenfant</td><td>09/08/2008</td></tr></tbody></table>	Name	Execution Date	Brian Gruttadauria	09/08/2008	Shyam Sareen	09/08/2008	Joseph Frank	09/08/2008	Paul Malenfant	09/08/2008	
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RECEIVING PARTY DATA											
Name:	EMC Corporation										
Street Address:	176 South Street										
City:	Hopkinton										
State/Country:	MASSACHUSETTS										
Postal Code:	01748										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12211235</td></tr></tbody></table>	Property Type	Number	Application Number:	12211235							
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Application Number:	12211235										
CORRESPONDENCE DATA											
Fax Number:	(508)366-4688										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	1003-086										
NAME OF SUBMITTER:	David E. Huang, Esq.										
Total Attachments: 6 source=1003-086 - Executed Assignment#page1.tif											

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ASSIGNMENT

WHEREAS, we, Brian Gruttadauria, Shyam Sareen, Joseph Frank and Paul Malenfant have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled **TECHNIQUES FOR PROVIDING ACCESS TO VIDEO DATA USING A NETWORK ATTACHED STORAGE DEVICE** the specification of which:

- ☒ [X] is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☐ [] was filed on _____ as U.S. Application No. _____;
- ☐ [] was patented under U.S. Patent No. _____ on _____.

WHEREAS, EMC Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having a usual place of business at 176 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND we hereby authorize our attorneys Bainwood Huang & Associates LLC to insert here in parentheses (12/211,235 filed 9/16/2008) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

Date:

9/8/08

Brian Gruttadauria
Inventor's Signature

Print full name of first inventor:

Brian Gruttadauria

Residence:

7 Herson Dr. Sutton, MA 01590

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of

Massachusetts

COUNTY OF

Worcester

On this 8th day of September, 2008, then personally appeared before me the above-named Brian Gruttadauria known to me through satisfactory evidence of identification ☒ employee identification card; ☒ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Nancy J. Forrester
Notary Public

Print Name:

Nancy J. Forrester

My Commission expires 01/30/2015

Date: 8/8/08

[Signature]
Inventor's Signature

Print full name of second inventor: Shyam Sareen
Residence: 214 South Rd. Bedford, MA 01730
Citizenship: United States of America
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts
COUNTY OF Sturcester

On this 8th day of September, 2008, then personally appeared before me the above-named Shyam Sareen known to me through satisfactory evidence of identification ☒ employee identification card; ☒ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

[Signature]
Notary Public

Print Name: Nancy J. Forrester

My Commission expires 01/30/2015

Date: 9/8/2008

[Signature]
Inventor's Signature

Print full name of third inventor: Joseph Frank
Residence: 629 Dewey Ave. Boulder, CO 80304
Citizenship: United States of America
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts
COUNTY OF Worcester

On this 8th day of September, 2008, then personally appeared before me the above-named Joseph Frank known to me through satisfactory evidence of identification ☒ employee identification card; ☒ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

[Signature]
Notary Public

Print Name:
Nancy J. Forriste

My Commission expires 01/30/2015

Date: 9/8/08

Paul Malenfant
Inventor's Signature

Print full name of fourth inventor:

Paul Malenfant

Residence:

33 Hapgood Way Shrewsbury, MA 01545

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of Massachusetts
COUNTY OF Sturcester

On this 8th day of September, 2008, then personally appeared before me the above-named Paul Malenfant known to me through satisfactory evidence of identification ☒ employee identification card; ☒ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Nancy J. Forister
Notary Public

Print Name:

Nancy J. Forister

My Commission expires 01/30/2015