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Docket No.: 16192.9

U.S. DEPARTMENT OF COMMERCE RECORDATION FORM COVER SHEET FORM PTO-1595 (Modified) Patent and Trademark Office (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) PATENTS ONLY Copyright 1996-97 LegalSter POBA/REVO2 Tab settings 🔷 🔷 🔷 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): June 29, 2005 Dianne C. Thompson Name: EMC Corporation August 1, 2005 Carolina P. Uhlmann June 29, 2005 Janet L. Schneider Address: 176 South Street June 29, 2005 Eric A. Herrmann X Yes No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ☐ Merger ■ Assignment City: Hopkinton State/Prov.: MA ☐ Change of Name ☐ Security Agreement Country: USA ZIP: 01748 ☐ Other ________ Execution Date: June 29, 2005/August 1, 2005 ☐ Yes ⊠ No Additional name(s) & address(es) 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) Filing date Patent Application No. June 29, 2005 11/169,418 ☐ Yes 🗵 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: R. Burns Israelsen 7. Total fee (37 CFR 3.41):....\$ 40.00 ☑ Enclosed - Any excess or insufficiency should be Registration No. 42,685 credited or debited to deposit account Address: Customer No. 022913 ☐ Authorized to be charged to deposit account 8. Deposit account number: City: _____ State/Prov.: _____ 23-3178 Country: _____ ZIP: _ DO NOT USE THIS SPACE 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. August 1, 2005 Sara D. Jones Name of Person Signing

Total number of pages including cover sheet, attachments, and REEL: 016598 FRAME: 0544

PAGE 2 RECORDATION FORM COVER SHEET

Serial No.: 11/169,418
Filing Date: June 29, 2005
Docket No.: 16192.9

Name of Conveying Parties (cont.)

Patrick M. Simonich June 29, 2005

PATENT REEL: 016598 FRAME: 0545 WHEN RECORDED RETURN TO:

Workman Nydegger 1000 Eagle Gate Tower 60 East South Temple Salt Lake City, Utah 84111 PATENT APPLICATION Docket No: 16192.9

ASSIGNMENT

We the under signed, hereinafter collectively referred to as "Assignor", are the inventors of an invention entitled CREATION OF A SINGLE CLIENT SNAPSHOT USING A CLIENT UTILITY. Preferred embodiments of said invention are disclosed in a United States patent application which:

[]	is executed concurrently herewith for filing in the United States Patent and Trademark Office.
[X]	was previously filed in the United States Patent and Trademark Office on 6/29/2005 Application Serial No. 11/169,418
[]	is a United States National Application of PCT International Application No.
	, filed

The Assignee, EMC Corporation, a corporation of the state of Massachusetts, having a principal place of business at 176 South Street, Hopkinton, Massachusetts 01748, desires to secure the entire right, title and interest in said invention and the patent application filed thereon.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by the Assignee, the receipt and sufficiency of which is hereby acknowledge, ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

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PATENT REEL: 016598 FRAME: 0546 Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration and without expense to Assignor, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Full name of sole or first inve	entor	
Dianne	_ <u>C</u>	Thompson
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
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Janet	<u>L</u>	Schneider
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Full name of fourth invent	or, ir airy		
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Full name of fifth inventor,	н ану			
Patrick	<u>M.</u>	<u> </u>	<u>Simonich</u>	
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