FORM PTO-1619A Expires 06/30/99

Expires 06/30/99 OMB 0651-0027

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U.S. Departmen of Commerce Patent and Trademark Office PATENT

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RECORDATION FORM COVER SHEET

PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) Submission Type Conveyance Type **Assignment Security Agreement** X I New Resubmission (Non-Recordation) License Change of Name **Document ID#** Correction of PTO Error Other Merger Reel # Frame # U.S. Government (For Use ONLY by U.S. Government Agencies) **Corrective Document** Reel # Frame # Departmental File Secret File Conveying Party(ies) Mark if additional names of conveying parties attached Х Execution Date Month Day Year Name (line 1) Kleiman, Steven R. 11 02 99 Name (line 2) **Execution Date** Day Year Second Party 99 Hitz, David 08 Name (line 1) Name (line 2) Receiving Party Mark if additional names of receiving parties attached If document to be recorded Name (line 1) Network Appliance, Inc. is an assignment and the receiving party is not domiciled in the United Name (line 2) a Corporation of California States, an appointment of a doniestic representative is attached. Address (line 1) 495 East Java Avenue (Designa ion must be a separate document from Address (line 2) Assianment.) 94089 CA Address (line 3) Sunnyvale State/Country City **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name Daniel B., Curtis Address (line 1) Swernofsky Law Group Address (line 2) P.O.Box 390013 Address (line 3) | Mountain View, CA 94039-0013 Address (line 4) United States FOR OFFICE USE ONLY 02/17/2000 DNGUYEN 00000104 09426409

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20533. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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Expires 06/3	30/99
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Page 2

U.S. Department of Commerce Patent and Trademark Office PATENT

Correspond	ent Name and Address	Area Code and Telephone Number	650.947.0700
Name	Daniel B. Curtis	Reg. N	o 39,159
Address (line 1)	Swernofsky Law Group		
Address (line 2)	P.O.Box 390013		
Address (line 3)	Mountain View, CA 94039-00		
Address (line 4)	United States		
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Daniel B. Cu		Land Blund	1/17/00
Name	of Person Signing	Signature	Date

PATENT

REEL: 010552 FRAME: 0035

FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying Pa	rty(ies) Mark if additional names of conveying parties attached	
Enter additional Co		Execution Date Month Day Year
Name (line 1) H	rtchinson, Norman	11 01 99
Name (line 2)		
rearrie (inte 2)		Execution Date Month Day Year
Name (line 1) O'l	Malley, Sean	11 08 99
Name (line 2)		
, , ,		Execution Date Month Day Year
Name (line 1)		
Name (line 2)		
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Address (line 3)	City State/Country Zip C	ode
Application N	umber(s) or Patent Number(s) Mark if additional numbers attached	
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Pa	tent Application Number(s) Patent Numb	per(s)

PATENT REEL: 010552 FRAME: 0036



PATENT TRADEHANK OFFICE ASSIGNMENT

WHEREAS, we, Steven R. Kleiman, a citizen of the US, residing at 157 El Monte Road, Los Altos, CA 94022, David Hitz, a citizen of the US, residing at 245 Old Spanish Trail, Portola Valley, CA 94028, Norman Hutchinson, a citizen of Canada, residing at 9651 Glenthorne Drive, Richmond, B. C., Canada V7A 1Y3, and Sean W. O'Malley, a citizen of the US, residing at 130 South Mary Avenue, Sunnyvale, CA 94087, have invented a "File System Image Transfer Between Dissimilar File Systems" for which we have executed application papers for a U.S. patent thereon, which was filed on October 25, 1999, Serial No. 49/426, 409; and

WHEREAS, Network Appliance, Inc. a California corporation, having a place of business at 495 East Java Avenue, Sunnyvale, CA 94089 is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, Steven R. Kleiman, David Hitz, Norman Hutchinson, and Sean W. O'Malley, do sell, assign, transfer and set over unto the said Network Appliance, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Network Appliance, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at, 1999.	this ユベー day o
J. R. Klaiman	David Hitz
Steven Ř. Kleiman	David Filiz
Norman Hutchinson	Sean W. O'Malley

NAP-034

PATENT TRADEHARK OFFICE ASSIGNMENT

WHEREAS, we, Steven R. Kleiman, a citizen of the US, residing at 157 El Monte Road, Los Altos, CA 94022, David Hitz, a citizen of the US, residing at 245 Old Spanish Trail, Portola Valley, CA 94028, Norman Hutchinson, a citizen of Canada, residing at 9651 Glenthorne Drive, Richmond, B. C. Canada V7A 1Y3, and Sean W. O'Malley, a citizen of the US, residing at 130 South Mary Avenue. Sunnyvale, CA 94087, have invented a "File System Image Transfer Between Dissimilar File Systems' for which we have executed application papers for a U.S. patent thereon, which was filed on October 25 1999, Serial No. 09/426,409; and

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WITNESS OUR HAND at, 1999.	, this <u></u> \lambda \lambda \lambd
Steven R. Kleiman	David Hitz
Norman Hutchinson	Sean W. O'Malley

Assignment

NAP-034

PATENT TRADEPHARK OFFICE ASSIGNMENT

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WITNESS OUR HAND at RICHMOND NOVE MB ER, 1999.	, BC, CANADI, this day of
 Steven R. Kleiman	David Hitz
Norman Hutchinson	Sean W. O'Malley



PATENT TRADEMARK OFFICE ASSIGNMENT

WHEREAS, we, Steven R. Kleiman, a citizen of the US, residing at 157 El Monte Road, Los Altos, CA 94022, David Hitz, a citizen of the US, residing at 245 Old Spanish Trail, Portola Valley, CA 94028, Norman Hutchinson, a citizen of Canada, residing at 9651 Glenthorne Drive, Richmond, B. C., Canada V7A 1Y3, and Sean W. O'Malley, a citizen of the US, residing at 130 South Mary Avenue, Sunnyvale, CA 94087, have invented a "File System Image Transfer Between Dissimilar File Systems" for which we have executed application papers for a U.S. patent thereon, which was filed on October 25, 1999, Serial No. <u>09/426,409</u>; and

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WITNESS OUR HAND at, 1999.	this State day	of
Steven R. Kleiman		
Norman Hutchinson	Sean W. O'Malley	
NOTHAL HULCHIISON	Seall VV. O Mailey	

Assignment

PATENT REEL: 010552 FRAME: 0040

RECORDED: 01/24/2000