

Form PTO-1595 (Rev. 09/04) OMB No. 0651-0027 (exp. 6/30/2005)	REC	06-2006 172985	U.S. DEPARTMENT OF COM nited States Patent and Tradema
To the Director of the U.S. Pater	7. 8		ocuments or the new address(es) belo
1. Name of conveying party(i	es)/Execution Date(s):	2. Name and addr	ess of receiving party(ies)
STEPHEN S. SELKIRK, CHARLES A PERRY MERRITT, EDWARD D. GLA JAMES B. LENEHAN and KENNETH	ADSTONE,	Name: Storage Techn Internal Address:	nology Corporation
Execution Date(s) 12/29/00; 12/29/00; Additional name(s) of conveying party		Street Address: O	ne StorageTek Drive
3. Nature of conveyance:			
Assignment	Merger	City: Louisville	
Security Agreement Government Interest Assig	Change of Name	State: Colorado Country: United States Zip: 80028-4309 Additional name(s) & address(es) attached? Yes	
Executive Order 9424, Cor	nfirmatory License		
4. Application or patent number A. Patent Application No.(s)	ber(s): This	1	led together with a new applic
4. Application or patent numl A. Patent Application No.(s) 6,912,537 B2		B. Patent No.(s))
A. Patent Application No.(s) 6,912,537 B2	Additional numbers at	B. Patent No.(s)
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A. Patent Application No.(s) 6,912,537 B2 5. Name and address to who	Additional numbers at	B. Patent No.(s) tached? Yes VNo 6. Total number of involved:	f applications and patents
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A. Patent Application No.(s) 6,912,537 B2 5. Name and address to whole concerning document should Name: Timothy R. Schulte	Additional numbers at m correspondence d be mailed:	B. Patent No.(s) tached? Yes VNo 6. Total number of involved: 7. Total fee (37 CF Authorized to be Authorized to be Enclosed	f applications and patents 1 R 1.21(h) & 3.41) \$ 0.00 De charged by credit card De charged to deposit account
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A. Patent Application No.(s) 6,912,537 B2 5. Name and address to whole concerning document should Name: Timothy R. Schulte Internal Address: Storage Technology Street Address: One StorageTek Decity: Louisville State: Colorado Phone Number: 303-673-5989	Additional numbers at m correspondence d be mailed:	B. Patent No.(s) tached? Yes VNo 6. Total number of involved: 7. Total fee (37 CF Authorized to be Authorized to be Enclosed None required 8. Payment Inform a. Credit Card b. Deposit Accord	f applications and patents 1 IR 1.21(h) & 3.41) \$_0.00 De charged by credit card De charged to deposit account (government interest not affection nation Last 4 Numbers Expiration Date
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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Form PTO-1595 (Rev. 09/04) OMB No. 0651-0027 (exp. 6/30/2005)



U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

RE

TAILING CITE			
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.			
1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)		
STEPHEN S. SELKIRK, CHARLES A. MILLIGAN,	Name: Storage Technology Corporation		
PERRY MERRITT, EDWARD D. GLADSTONE, JAMES B. LENEHAN and KENNETH WILLIS	Internal Address:		
Execution Date(s)	Otrack Address of the Control of the		
Additional name(s) of conveying party(ies) attached? Yes No	Street Address: One StorageTek Drive		
3. Nature of conveyance:			
✓ Assignment	City: Louisville		
Security Agreement Change of Name	State: Colorado		
Government Interest Assignment			
Executive Order 9424, Confirmatory License	Country: United States Zip: 80028-4309		
Other	Additional name(s) & address(es) attached? Yes No		
4. Application or patent number(s):	document is being filed together with a new application.		
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Additional numbers att			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
Name: Timothy R. Schulte			
Internal Address: Storage Technology Corporation	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
internal Address. Storage reclinology corporation	Authorized to be charged by credit card		
Observat Address of the Control of t	✓ Authorized to be charged to deposit account Enclosed		
Street Address: One StorageTek Drive	None required (government interest not affecting title)		
City: Louisville	8. Payment Information		
State: Colorado Zip: 80028-4309	a. Credit Card Last 4 Numbers Expiration Date		
Phone Number: 303-673-5989	b. Deposit Account Number 19-4545		
Fax Number: 303-673-4151	•		
Email Address:	Authorized User Name		
9. Signature: Luhuu	Aug. 26, 2005		
Signature	Date		
Duke W. Yee	Total number of pages including cover sheet, attachments, and documents:		
Name of Person Signing	t) should be faxed to (703) 306-5995, or mailed to:		

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FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94 Tab settings 🗹 🗹 🗸	06-28 101765		U.: ♦	S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of	Patents and Tradelmarks	: Please record the	attached origina	al documents or copy thereof.
Name of conveying party(ies):	2.	Name and address of rec	ceiving party(ies):	
Stephen S. Selkirk, Charles A. Milligan, Perry Merritt, Edward T. Gladstone, James B. Lenehan, and Kenneth Willis Additional name(s) of conveying party(ies) attached? Yes No		Name: STORAGE TECHNOLOGY CORPORATION Internal Address: Street Address: One StorageTek Drive City: LOUISVILLE State: CO ZIP: 80028-4309		
Nature of conveyance:		dditional name(s) & addres	oojeo) allached:	☐ Yes ⊠ No
Assignment Merger Security Agreement Change of Other: Execution Date: 12/29/00, 4/24/01, 5/26/01, 6/6/01, 4/26				
4. Application number(s) or patent number(s): 00-062-DSK If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 09/751,772 B. Patent No.(s) Additional number attached?				nyalyed: 1
 Name and address of party to whom correspondence concerning document should be mailed: Name: WAYNE BAILEY Internal Address: STORAGE TECHNOLOGY CORPORATION Street Address: One StorageTek Drive City: LOUISVILLE State: CO ZIP: 80028-4309 	RATION			
	7.	Total fee (37 CFR 3.41) Charge to De	eposit Account	<u>\$40.00</u>
	(4	Deposit account number		by deposit account)
	DO NOT USE TH	IS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is frue and correct and any attached copy is a true copy of the original document. TEPT + ANTE COMMISSION OF PARTIES A Trademarks, Box Assignments Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231				

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, I, (1) Stephen S. Selkirk, (2) Charles A Milligan, (3) Perry Merritt, (4) Edward T. Gladstone, (5) James B. Lenehan, and (6) Kenneth Willis, a citizen of (1) U.S., (2) U.S., (3) U.S., (4) U.S., (5) U.S., and (6) U.S., whose residence address is (1) 5435 W. 112th Place, Broomfield, Colorado 80020-6802, (2) 14300 W. 50th Avenue, Golden, Colorado 80403, (3) 1152 Dover Way, Broomfield, Colorado 80020, (4) 9754 Carr Circle, Westminster, Colorado 80021, (5) 8003 Morningside Drive, Erie, Colorado 80516, and (6) 1547 Sandwedge Way, Castle Rock, Colorado 80104, do hereby assign, sell and set over to Storage Technology Corporation, a corporation organized and existing under the laws of the State of Delaware, having a place of business at One StorageTek Drive, Louisville, Colorado 80028-4309, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in:

DYNAMICALLY CHANGEABLE VIRTUAL MAPPING SCHEME

for which an application for a United States Patent was filed on December 29, 2000, Application Serial No. 09/751,772 (we hereby authorize our attorney to insert the application filing date and number when they become known), including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights or priority in and to said inventions and discoveries in all countries.

And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.

(1) _	12/29	_, 2000	Stephen & Selbirt
	Date		Stephen 3. Seikirk
(2) _	12/29/00 Date	_, 2000	Charles A. Milligan
(3) _	Date	_, 2000	Peny Merritt
(4) _		. 2000	
() _	Date	_,,	Ned Gladstone
(5) _	Date	_, 2000	James B. Lenehan
(6) _	Date	_, 2000	Kenneth Willis

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(1) _		, 2001	
` _	Date	_	Stephen S. Selkirk
(2) _	Date	_, 2001	Charles A. Milligan
(3)	4/24/0/ Date	_, 2001	Perry Merritt
(4) _	Date	_, 2001	Ned Gladstone
(5) _	Date	_, 2001	James B. Lenehan
(6) _	Date	_, 2001	Kenneth Willis

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DYNAMICALLY CHANGEABLE VIRTUAL MAPPING SCHEME

set forth in the application for United States Letters Patent, executed by me on even date herewith, including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights or priority in and to said inventions and discoveries in all countries.

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(1)			, 2005	
` , ,	Date		·	Stephen S. Selkirk
(2)			, 2005	
	Date		 -	Charles A. Milligan
(3)			, 2005	
	Date			Perry Merritt
(4)	May	12	, 2005	Edwill Ms
	Date			Edward D. Gladstone
(5)			, 2005	
	Date			James B. Lenehan

Page 1 of 4

StorageTek Docket No. 00-062-DSK

STATE OF	
COUNTY OF)	
On this the day of PERRY MERRITT, to me known to be the person and acknowledged that he/she executed the same for	, 2005, personally appeared before me (3) on named in and who executed the above instrument for the uses and purposes therein mentioned.
	Notary Public My commission expires:
	(seal)
STATE OF COLORADO	
COUNTY OF BOULDER	
EDWARD D. GLADSTONE, to me known to be	, 2005, personally appeared before me (4) e the person named in and who executed the above uted the same for the uses and purposes therein
	Notary Public My commission expires: 9/10/2008
	(seal)
STATE OF	
COUNTY OF)	
JAMES B. LENEHAN, to me known to be the	, 2005, personally appeared before me (5) e person named in and who executed the above ited the same for the uses and purposes therein
	Notary Public My commission expires:
	(seal)

Page 3 of 4

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, I, (1) Stephen S. Selkirk, (2) Charles A Milligan, (3) Perry Merritt, (4) Edward T. Gladstone, (5) James B. Lenehan, and (6) Kenneth Willis, a citizen of (1) U.S., (2) U.S., (3) U.S., (4) U.S., (5) U.S., and (6) U.S., whose residence address is (1) 5435 W. 112th Place, Broomfield, Colorado 80020-6802, (2) 14300 W. 50th Avenue, Golden, Colorado 80403, (3) 1152 Dover Way, Broomfield, Colorado 80020, (4) 9754 Carr Circle, Westminster, Colorado 80021, (5) 8003 Morningside Drive, Erie, Colorado 80516, and (6) 1547 Sandwedge Way, Castle Rock, Colorado 80104, do hereby assign, sell and set over to Storage Technology Corporation, a corporation organized and existing under the laws of the State of Delaware, having a place of business at One StorageTek Drive, Louisville, Colorado 80028-4309, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in:

DYNAMICALLY CHANGEABLE VIRTUAL MAPPING SCHEME

for which an application for a United States Patent was filed on December 29, 2000, Application Serial No. 09/751,772 (we hereby authorize our attorney to insert the application filing date and number when they become known), including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights or priority in and to said inventions and discoveries in all countries.

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(1)	, 2001	
Date	<u> </u>	Stephen S. Selkirk
(2)	, 2001	Charles A. Milligan
		C
Date	, 2001 	Perry Merritt
(4)Date	, 2001	Ned Gladstone
(5) June 6,	, 2001	Jam B. Janelan
Date)		James B. Lenehan
(6)	, 2001	77 d W231
Date	1	Kenneth Willis

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StorageTek Docket No. 00-062-DSK

(1)		, 2001	
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(5) _	Date	_, 2001	James B. Lenehan
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(3) _	Date	_, 2000	Peny Mcritt
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(3)	4/24/0/ Date	_, 2001	Perry Merritt
(4)	Date	, 2001	Ned Gladstone
(5) _	Date	_, 2001	James B. Lenehan
(6) _	Date	_, 2001	Kenneth Willis

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, I, (1) Stephen S. Selkirk, (2) Charles A Milligan, (3) Perry Merritt, (4) Edward D. Gladstone, (5) James B. Lenehan, and (6) Kenneth Willis, a citizen of (1) U.S., (2) U.S., (3) U.S., (4) U.S., (5) U.S., and (6) U.S., whose residence address is (1) 5435 W. 112th Place, Broomfield, Colorado 80020-6802, (2) 14300 W. 50th Avenue, Golden, Colorado 80403, (3) 1152 Dover Way, Broomfield, Colorado 80020, (4) 9754 Carr Circle, Westminster, Colorado 80021, (5) 8003 Morningside Drive, Erie, Colorado 80516, and (6) 1547 Sandwedge Way, Castle Rock, Colorado 80104, do hereby assign, sell and set over to Storage Technology Corporation, a corporation organized and existing under the laws of the State of Delaware, having a place of business at One StorageTek Drive, Louisville, Colorado 80028-4309, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in:

DYNAMICALLY CHANGEABLE VIRTUAL MAPPING SCHEME

set forth in the application for United States Letters Patent, executed by me on even date herewith, including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights or priority in and to said inventions and discoveries in all countries.

And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.

(1)	Date		, 2005	Stephen S. Selkirk
(2)	Date		, 2005	Charles A. Milligan
(3)	Date		, 2005	Perry Merritt
(4)	May Date	12	, 2005	Edward D. Gladstone
(5)	Date		, 2005	James B. Lenehan

Page 1 of 4

StorageTek Docket No. 00-062-DSK

(6)	. 2005
Date	Kenneth Willis
STATE OF)	
COUNTY OF)	
STEPHEN S. SELKIRK, to me know.	, 2005, personally appeared before me (1) in to be the person named in and who executed the above she executed the same for the uses and purposes therein
	Notary Public My commission expires:
	(seal)
STATE OF	
COUNTY OF)	
CHARLES A, MILLIGAN, to me know	, 2005, personally appeared before me (2) wn to be the person named in and who executed the above she executed the same for the uses and purposes therein
	Notary Public My commission expires:
	(seal)

Page 2 of 4

STATE OF)	
COUNTY OF	
	, 2005, personally appeared before me (3) son named in and who executed the above instrument, for the uses and purposes therein mentioned.
	Notary Public My commission expires:
	(seal)
STATE OF COLORADO	
COUNTY OF BOULDER	
EDWARD D. GLADSTONE, to me known to	, 2005, personally appeared before me (4) be the person named in and who executed the above ecuted the same for the uses and purposes therein
٠.	Notary Public My commission expires: 9/10/2008
	(seal)
STATE OF	
COUNTY OF)	
JAMES B. LENEHAN, to me known to be	, 2005, personally appeared before me (5) the person named in and who executed the above ecuted the same for the uses and purposes therein
	Notary Public My commission expires:
	(seal)

Page 3 of 4

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, I, (1) Stephen S. Selkirk, (2) Charles A Milligan, (3) Perry Merritt, (4) Edward T. Gladstone, (5) James B. Lenehan, and (6) Kenneth Willis, a citizen of (1) U.S., (2) U.S., (3) U.S., (4) U.S., (5) U.S., and (6) U.S., whose residence address is (1) 5435 W. 112th Place, Broomfield, Colorado 80020-6802, (2) 14300 W. 50th Avenue, Golden, Colorado 80403, (3) 1152 Dover Way, Broomfield, Colorado 80020, (4) 9754 Carr Circle, Westminster, Colorado 80021, (5) 8003 Morningside Drive, Erie, Colorado 80516, and (6) 1547 Sandwedge Way, Castle Rock, Colorado 80104, do hereby assign, sell and set over to Storage Technology Corporation, a corporation organized and existing under the laws of the State of Delaware, having a place of business at One StorageTek Drive, Louisville, Colorado 80028-4309, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in:

DYNAMICALLY CHANGEABLE VIRTUAL MAPPING SCHEME

for which an application for a United States Patent was filed on December 29, 2000, Application Serial No. 09/751,772 (we hereby authorize our attorney to insert the application filing date and number when they become known), including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights or priority in and to said inventions and discoveries in all countries.

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(1)		, 2001	
	Date	-	Stephen S. Selkirk
(2)	Date	, 2001	Charles A. Milligan
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(4)	Date	_, 2001	Ned Gladstone
(5)	Date 6	, 2001	James B. Lenehan
(6)	Date	_, 2001	Kenneth Willis

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(5) _	Date	_, 2001	James B. Lenehan
(6) _	ゴ / 2 (- Date	_, 2001	Lenneth Willin Kerneth Willis

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EXPRESS MAIL NO.: EL/50740834US

StorageTek Docket No. 00-062-DSK

(1)		_, 2000	Stophin Selker
	Date /		Stephen S. Selkirk
(2)	12/29/00 Date	_, 2000	Charles A. Milligan
	Days /		Charles / C. Armigat
(3)	Date	_, 2000	Perry Mcrritt
(4)		2000	
(4) _	Date	_, 2000	Ned Gladstone
(5)		, 2000	
(-) <u>.</u>	Date	,	James B. Lenehan
(6)		_, 2000	
	Date		Kenneth Willis

(1)		_, 2001	
_	Date	_	Stephen S. Selkirk
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StorageTek Docket No. 00-062-DSK

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(4)	2 \omega \omega 1. \omega 5. 2 \in \text{Date}	, 2001	Edward T. Gladstone
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RECORDED: 02/02/2006