505951154 03/05/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5997859

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOMER TZVI ELIASH	02/05/2020
ERAN SHARON	02/05/2020
ALEXANDER BAZARSKY	02/06/2020
ARIEL NAVON	02/06/2020

RECEIVING PARTY DATA

Name:	WESTERN DIGITAL TECHNOLOGIES INC.
Street Address:	5601 GREAT OAKS PARKWAY
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95119

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16788117	

CORRESPONDENCE DATA

Fax Number: (360)294-6426

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.

360-737-1748 Phone: Email: jane@fspllc.com **Correspondent Name:** CHARLES A. MIRHO

Address Line 1: 431 H STREET

Address Line 4: CRESCENT CITY, CALIFORNIA 95531

ATTORNEY DOCKET NUMBER:	FSP1771
NAME OF SUBMITTER:	CHARLES A. MIRHO
SIGNATURE:	/Charles A. Mirho/
DATE SIGNED:	03/05/2020

Total Attachments: 8

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source=Assignment_FSP1771 03-05-2020#page8.tif

Attorney Docket No.: FSP1771

Filed:

TITLE: METHOD AND SYSTEM FOR ADDRESS TABLE CACHE MANAGEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned,

Tomer Tzvi Eliash

hereby sell, assign, and transfer to Western Digital Technologies Inc.

having a principal place of business at **5601 Great Oaks Parkway, San Jose, CA, 95119, US**, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

Strongly Correlated LBA Ranges - Hebbian Learning for GAT Cache Man	nagement		
said patent application also identified as follows (when known):	16/788,117	filed on,	02-11-2020
and to each and all of the following applications which claim prior the undersigned, contributed material disclosed and/or claimed:	rity to the above-i	dentified applicati	on and to which I,
[I/we hereby authorize an attorney or agent for said Assignate of said patent application claiming priority, when known		w the application	number and filing
patent application also identified as follows (when known)):16/788,117	filed on,	02-11-2020

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements;

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Tomer Tzvi Eliash

Feb. 5 2020 Tomer Tzvi Eliash

Signature Date Printed/Typed Name

Assignment Document Return Address:

Western Digital Technologies Inc.

5601 Great Oaks Parkway

San Jose, CA, 95119, US

Attorney Docket No.: FSP1771

Filed:

TITLE: METHOD AND SYSTEM FOR ADDRESS TABLE CACHE MANAGEMENT

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Eran Sharon

applications;

hereby sell, assign, and transfer to Western Digital Technologies Inc.

Strongly Correlated LBA Ranges - Hebbian Learning for GAT Cache Management

date of said patent application claiming priority, when known.]

having a principal place of business at **5601 Great Oaks Parkway, San Jose, CA, 95119, US**, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

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[I/we hereby authorize an attorney or agent for said Assign	nee to insert belo	w the application	number and filing

patent application also identified as follows (when known): 16/788,117 filed on,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements;

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Each Inventor: Please Sign and Date Below:

Eran Sharon

02/05/__2020

Eran Sharon

Signature

Date

Printed/Typed Name

Assignment Document Return Address:

Western Digital Technologies Inc.

5601 Great Oaks Parkway

San Jose, CA, 95119, US

Attorney Docket No.: FSP1771

Filed:

TITLE: METHOD AND SYSTEM FOR ADDRESS TABLE CACHE MANAGEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned,

Alex Bazarsky

hereby sell, assign, and transfer to Western Digital Technologies Inc.

having a principal place of business at **5601 Great Oaks Parkway, San Jose, CA, 95119, US**, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

Strongly Correlated LBA Ranges - Hebbian Learning for GAT Cache Manag	ement		
said patent application also identified as follows (when known): $\frac{1}{2}$	6/788,117	filed on,	02-11-2020
and to each and all of the following applications which claim priority the undersigned, contributed material disclosed and/or claimed:	to the above-ic	lentified application	on and to which I,
[I/we hereby authorize an attorney or agent for said Assigned date of said patent application claiming priority, when known		v the application r	number and filing
patent application also identified as follows (when known):_	16/788,117	filed on,	02-11-2020

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements;

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Each Inventor: Please Sign and Date Below:

Alex Bazarsky

02/06 2020

Alexander Bazarsky

Signature

Date

Printed/Typed Name

Assignment Document Return Address:

Alex Bazarsky

Western Digital Technologies Inc.

5601 Great Oaks Parkway

San Jose, CA, 95119, US

Attorney Docket No.: FSP1771

Filed:

TITLE: METHOD AND SYSTEM FOR ADDRESS TABLE CACHE MANAGEMENT

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Ariel Navon

hereby sell, assign, and transfer to Western Digital Technologies Inc.

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having a principal place of business at **5601 Great Oaks Parkway, San Jose, CA, 95119, US**, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

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[I/we hereby authorize an attorney or agent for said Assig	nee to insert below	the application	number and filing

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements;

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Ariel Navon

Jia Viorsia Teb'6th 2020 ARIEL NAVON

Signature Date Printed/Typed Name

Assignment Document Return Address:

Western Digital Technologies Inc.

5601 Great Oaks Parkway

San Jose, CA, 95119, US

PATENT REEL: 052022 FRAME: 0622

RECORDED: 03/05/2020