

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7157444

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CNEX LABS, INC.	01/28/2022

RECEIVING PARTY DATA

Name:	POINT FINANCIAL, INC.
Street Address:	3318 EAST KACHINA DRIVE
City:	PHOENIX
State/Country:	ARIZONA
Postal Code:	85044

PROPERTY NUMBERS Total: 61

Property Type	Number
PCT Number:	US2015017698
PCT Number:	US2017047822
PCT Number:	US2017047826
PCT Number:	US2014043279
PCT Number:	US2016049759
PCT Number:	US2016064198
PCT Number:	US2018012541
Application Number:	61946710
Application Number:	62090276
Application Number:	62272471
Application Number:	62274743
Application Number:	62307251
Application Number:	62396388
Application Number:	62405804
Application Number:	15410528
Application Number:	15718795
Application Number:	16427046
Application Number:	16530357
Application Number:	14328770
Application Number:	14965779

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Property Type	Number
Application Number:	15204408
Application Number:	15204485
Application Number:	15081734
Application Number:	15156974
Application Number:	15169279
Application Number:	15336325
Application Number:	15370476
Application Number:	15699886
Application Number:	15723951
Application Number:	16440588
Application Number:	16544509
Application Number:	16723070
Application Number:	14191335
Application Number:	14843884
Application Number:	14843891
Application Number:	14843892
Application Number:	14954691
Application Number:	15242299
Application Number:	14329578
Application Number:	14341260
Application Number:	14451176
Application Number:	14466858
Application Number:	14315172
Application Number:	15894587
Application Number:	14975025
Application Number:	15203702
Application Number:	15217934
Application Number:	15278833
Application Number:	15294547
Application Number:	16450945
Application Number:	15365800
Application Number:	15424343
Application Number:	15439779
Application Number:	13880728
Application Number:	15912352
Application Number:	15665068
Application Number:	15782629
Application Number:	16389949

Property Type	Number
Application Number:	16425913
Application Number:	15623259
Application Number:	15666094

CORRESPONDENCE DATA

Fax Number: (650)938-5200

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.

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ATTORNEY DOCKET NUMBER: 30417-01000/US

NAME OF SUBMITTER: MICHAEL W. FARN; REG. NO. 41,015

SIGNATURE: /Michael W. Farn/

DATE SIGNED: 02/03/2022

Total Attachments: 9

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CNEX CONFIRMATORY PATENT ASSIGNMENT

WHEREAS, **CNEX Labs, Inc.**, a Delaware corporation having its principal place of business at 2880 Stevens Creek Blvd., San Jose, California 95128 ("ASSIGNOR") and **Point Financial, Inc.**, an Arizona corporation having its principal place of business at 3318 East Kachina Drive, Phoenix, Arizona ("ASSIGNEE") have entered into a certain Bill of Sale, dated November 23, 2021, pursuant to which ASSIGNOR has assigned to ASSIGNEE certain patent assets.

WHEREAS, ASSIGNOR and ASSIGNEE desired to enter into this Confirmatory Patent Assignment to confirm such transfer of patent assets under the Bill of Sale, in a form suitable for recording with the relevant patent authorities.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR confirms that it has sold, assigned, and transferred and does hereby sell, assign, and transfer to ASSIGNEE, for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional or non-provisional patent application(s) listed in Exhibit A, including those filed under 35 U.S.C. § 111, design applications filed under 35 U.S.C. § 171, Registered Community Designs, international applications filed according to the Patent Cooperation Treaty (PCT), U.S. national phase applications filed under 35 U.S.C. § 371, national or regional applications filed in any other country throughout the world, and any patents issuing thereon ("PATENT RIGHTS"); and

2. The entire worldwide right, title, and interest in and to:
(a) the PATENT RIGHTS, including any right of priority; (b) any provisional, divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (c) any patents which may be granted on the applications set forth in (a) and (b) above; and (d) the right to sue in its own name and to recover for past infringement of any or all of any applications or patents issuing therefrom together with all rights to recover damages for infringement of provisional rights.

ASSIGNOR represents that ASSIGNOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the ASSIGNOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

ASSIGNOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Duly Authorized Representative of ASSIGNOR

DocuSigned by:

Alan Armstrong

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Alan Armstrong

CEO

CNEX Labs, Inc.

Date of Signature

1/28/2022

Duly Authorized Representative of ASSIGNEE

DocuSigned by:

Michael J. O'Malley

960E12D2F5FF49A...

Michael J. O'Malley

President

Point Financial, Inc.

Date of Signature

1/31/2022

[SIGNATURE PAGE OF CNEX CONFIRMATORY PATENT ASSIGNMENT]

EXHIBIT A
OF
CNEX CONFIRMATORY PATENT ASSIGNMENT

LAW FIRM	LAW FIRM REF #	COUNTRY	TITLE	STATUS	FILING DATE	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
CTS Data	15-001P-PCT-CN	CN	COMPUTING SYSTEM WITH DATA PROTECTION MECHANISM AND METHOD OF OPERATION THEREOF	Abandoned	8/30/2016	201580011315.9		
CTS Data	15-010-CN	CN	STORAGE SYSTEM WITH DATA RELIABILITY MECHANISM AND METHOD OF OPERATION THEREOF	Stop work	9/6/2018	201811038646.3		
CTS Data (Perspectives)	15-011-CN	CN	STORAGE SYSTEM WITH READ THRESHOLD MECHANISM AND METHOD OF OPERATION THEREOF	Stop work	9/25/2018	201811120070.5		
CTS Data (Perspectives)	15-012-CN	CN	STORAGE SYSTEM WITH MACHINE LEARNING MECHANISM AND METHOD OF OPERATION THEREOF	Stop work	9/25/2018	201811114171.1		
CTS Data (Perspectives)	15-001P-PCT	PCT	COMPUTING SYSTEM WITH DATA PROTECTION MECHANISM AND METHOD OF OPERATION THEREOF	Expired	2/26/2015	PCT/US2015/17698		
CTS Data (Perspectives)	15-007P-PCT	PCT	COMPUTING SYSTEM WITH SHIFT ADJUSTABLE CODING MECHANISM AND METHOD OF OPERATION THEREOF	Expired	8/21/2017	PCT/US2017/047822		
CTS Data (Perspectives)	15-008P-PCT	PCT	COMPUTING SYSTEM WITH SHIFT EXPANDABLE CODING MECHANISM AND METHOD OF OPERATION THEREOF	Expired	8/21/2017	PCT/US2017/047826		
CTS Data (Perspectives)	15-010-TW	TW	STORAGE SYSTEM WITH DATA RELIABILITY MECHANISM AND METHOD OF OPERATION THEREOF	Abandoned	9/4/2018	107131011		
CTS Data (Perspectives)	15-011-TW	TW	STORAGE SYSTEM WITH READ THRESHOLD MECHANISM AND METHOD OF OPERATION THEREOF	Abandoned	10/1/2018	107134867		

CTS Data (Perspectives)	15-012-TW	TW	STORAGE SYSTEM WITH MACHINE LEARNING MECHANISM AND METHOD OF OPERATION THEREOF	Abandoned	9/27/2018	107134581	
CTS Data (Perspectives)	15-001P	US	COMPUTING SYSTEM WITH DATA PROTECTION MECHANISM AND METHOD OF OPERATION THEREOF	Expired	3/1/2014	61/946,710	
CTS Data (Perspectives)	15-002P	US	COMPUTING SYSTEM WITH SHIFT DATA PROTECTION MECHANISM AND METHOD OF OPERATION THEREOF	Expired	12/10/2014	62/090,276	
CTS Data (Perspectives)	15-003P	US	COMPUTING SYSTEM WITH SHIFT DATA PROTECTION MECHANISM	Expired	12/29/2015	62/272,471	
CTS Data (Perspectives)	15-004P	US	COMPUTING SYSTEM WITH DATA PROTECTION MECHANISM WITH SOFT INFORMATION AND METHOD OF OPERATION THEREOF	Expired	1/4/2016	62/274,743	
CTS Data (Perspectives)	15-005P	US	COMPUTING SYSTEM WITH NONORTHOGONAL DATA PROTECTION MECHANISM AND METHOD OF OPERATION THEREOF	Expired	3/11/2016	62/307,251	
CTS Data (Perspectives)	15-007P	US	COMPUTING SYSTEM WITH SHIFT ADJUSTABLE CODING MECHANISM AND METHOD OF OPERATION THEREOF	Expired	9/19/2016	62/396,388	
CTS Data (Perspectives)	15-008P	US	COMPUTING SYSTEM WITH SHIFT EXPANDABLE CODING MECHANISM AND METHOD OF OPERATION THEREOF	Expired	10/7/2016	62/405,804	
CTS Data (Perspectives)	15-009	US	STORAGE SYSTEM WITH MULTI-DIMENSIONAL DATA PROTECTION MECHANISM AND METHOD OF OPERATION THEREOF	Abandoned	1/19/2017	15/410,528	
CTS Data (Perspectives)	15-012	US	STORAGE SYSTEM WITH MACHINE LEARNING MECHANISM AND METHOD OF OPERATION THEREOF	Abandoned	9/28/2017	15/718,795	
CTS Data (Perspectives)	15-013	US	COMPUTER SYSTEM WITH THERMAL PERFORMANCE MECHANISM AND METHOD OF OPERATION THEREOF	Abandoned	5/30/2019	16/427,046	

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CTS Data (Perspectives)	15-016	US	STORAGE SYSTEM WITH ERROR MITIGATION MECHANISM AND METHOD OF OPERATION THEREOF	Abandoned	8/2/2019	16/530,357		
CTS Data (Perspectives)	15-001P-TW	TW	COMPUTING SYSTEM WITH DATA PROTECTION MECHANISM AND METHOD OF OPERATION THEREOF	Issued	2/26/2015	104106251	42777	1 570549
CTS Data (Perspectives)	15-001	US	COMPUTING SYSTEM WITH DATA PROTECTION MECHANISM AND METHOD OF OPERATION THEREOF	Issued	7/11/2014	14/328,770	9/17/2019	10,417,090
CTS Data (Perspectives)	15-002	US	COMPUTING SYSTEM WITH SHIFT DATA PROTECTION MECHANISM AND METHOD OF OPERATION THEREOF	Issued	12/10/2015	14/965,779	6/28/2019	10,331,515
CTS Data (Perspectives)	15-003	US	COMPUTING SYSTEM WITH DATA RECOVERY MECHANISM AND METHOD OF OPERATION THEREOF	Issued	7/7/2016	15/204,408	2/11/2020	10,558,524
CTS Data (Perspectives)	15-003-2	US	COMPUTING SYSTEM WITH CIRCULAR-SHIFT RECOVERY MECHANISM AND METHOD OF OPERATION THEREOF	Issued	7/7/2016	15/204,485	8/27/2019	10,394,651
CTS Data (Perspectives)	15-004	US	COMPUTING SYSTEM WITH DATA PROTECTION MECHANISM WITH SOFT INFORMATION AND METHOD OF OPERATION THEREOF	Issued	3/25/2016	15/081,734	6/9/2020	10,678,662
CTS Data (Perspectives)	15-005	US	COMPUTING SYSTEM WITH NON- ORTHOGONAL DATA PROTECTION MECHANISM AND METHOD OF OPERATION THEREOF	Issued	5/17/2016	15/156,974	9/3/2019	10,402,595
CTS Data (Perspectives)	15-006	US	COMPUTING SYSTEM WITH DATA PROTECTION ENHANCEMENT MECHANISM AND METHOD OF OPERATION THEREOF	Issued	5/31/2016	15/169,279	2/11/2020	10,558,523
CTS Data (Perspectives)	15-007	US	COMPUTING SYSTEM WITH SHIFT ADJUSTABLE CODING MECHANISM AND METHOD OF OPERATION THEREOF	Issued	10/27/2016	15/336,325	8/11/2020	10,740,176
CTS Data (Perspectives)	15-008	US	COMPUTING SYSTEM WITH SHIFT EXPANDABLE CODING MECHANISM AND METHOD OF OPERATION THEREOF	Issued	12/6/2016	15/370,476	10/30/2018	10,114,569

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CTS Data (Perspectives)	15-010	US	STORAGE SYSTEM WITH DATA RELIABILITY MECHANISM AND METHOD OF OPERATION THEREOF	Issued	9/8/2017	15/699,886	4/23/2019	10,269,422
CTS Data (Perspectives)	15-011	US	STORAGE SYSTEM WITH READ THRESHOLD MECHANISM AND METHOD OF OPERATION THEREOF	Issued	10/3/2017	15/723,951	7/14/2020	10,713,104
CTS Data (Perspectives)	15-014	US	STORAGE SYSTEM WITH ERROR RECOVERY MECHANISM AND METHOD OF OPERATION THEREOF	Issued	6/13/2019	16/440,588	2/9/2021	10,915,399
CTS Data (Perspectives)	15-015	US	STORAGE SYSTEM WITH DATA RELIABILITY MECHANISM AND METHOD OF OPERATION THEREOF	Pending	8/19/2019	16/544,509		
CTS Data (Perspectives)	15-017	US	STORAGE SYSTEM WITH PREDICTIVE ADJUSTMENT MECHANISM AND METHOD OF OPERATION THEREOF	Pending	12/20/2019	16/723,070		
Fenwick	30417-25151/CN	CN	NVM Express Controller for Remote Memory Access	Issued	06/19/14	201480042920.8	Nov 6, 2018	ZL 201480042920.8
Fenwick	30417-34829/CN	CN	NVM Express Controller for Remote Access of Memory and I/O Over Ethernet-Type Networks	Abandoned	08/31/16	201680064116.9		
Fenwick	30417-41745/CN	CN	Extended NVME Controller and Storage Network, and Method for Accessing Remote Name Space	Pending	06/19/14	201811212442.7		
Fenwick	30417-25151/TW	TW	NVM Express Controller for Remote Access of Memory and I/O Over Ethernet-Type Networks	Issued	06/26/14	103122146	Feb 11, 2017	1571087
Fenwick	30417-34829/TW	TW	NVM Express Controller for Remote Access of Memory and I/O Over Ethernet-Type Networks	Abandoned	09/02/16	105128392		
Fenwick	30417-25151/US	US	NVM Express Controller for Remote Access of Memory and I/O Over Ethernet-Type Networks	Issued	02/26/14	14/191,335	Aug 30, 2016	9,430,412
Fenwick	30417-29812/US	US	NVM Express Controller for Remote Access of Memory and I/O Over Ethernet-Type Networks	Issued	09/02/15	14/843,884	Oct 10, 2017	9,785,355
Fenwick	30417-30693/US	US	NVM Express Controller for Remote Access of Memory and I/O Over Ethernet-Type Networks	Issued	09/02/15	14/843,891	Oct 10, 2017	9,785,356

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Fenwick	30417-30694/US	US	NVM Express Controller for Remote Access of Memory and I/O Over Ethernet-Type Networks	Abandoned	09/02/15	14/843,892		
Fenwick	30417-31092/US	US	NVM Express Controller for Remote Access of Memory and I/O Over Ethernet-Type Networks	Issued	11/30/15	14/954,691	Aug 28, 2018	10,063,638
Fenwick	30417-34528/US	US	NVM Express Controller for Remote Access of Memory and I/O Over Ethernet-Type Networks	Issued	08/19/16	15/242,299	Dec 10, 2019	10,503,679
Fenwick	30417-25151/PCT	WO	NVM Express Controller for Remote Memory Access	Expired	06/19/14	PCT/US2014/043279		
Fenwick	30417-34829/PCT	WO	NVM Express Controller for Remote Access of Memory and I/O Over Ethernet-Type Networks	Expired	08/31/16	PCT/US2016/049759		
JwLaw	1123.P0011CN	CN	Method and Apparatus for Providing Hybrid Mode to Access SSD Drive	Pending	4/16/2018	201680060649.X		
JwLaw	1123.P0012CN	CN	Method and Apparatus for Logically Removing Defective Pages in Non-Volatile Memory Storage Device	Stop work	12/1/2016	201680069511.6		
JwLaw	1123.P0011TW	TW	Method and Apparatus for Providing Hybrid Mode to Access SSD Drive	Stop work	10/17/2016	105133406		
JwLaw	1123.P0012TW	TW	Method and Apparatus for Logically Removing Defective Pages in Non-Volatile Memory Storage Device	Stop work	12/1/2016	105139678		
JwLaw	1123.P0016TW	TW	Method and Apparatus for Providing Multi-Namespace using Mapping Technology	Stop work	1/16/2018	107101572		
JwLaw	1123.P0001US	US	Method and Apparatus for Providing Dual Memory Access to Non-Volatile Memory	Issued	7/11/2014	14/329,578	10/10/2017	9,785,544
JwLaw	1123.P0002US	US	Method and Apparatus for Enhancing Storage Reliability Using Double Link Redundancy Protection	Abandoned	7/25/2014	14/341,260		
JwLaw	1123.P0003US	US	Method and Apparatus for Improving Data Integrity Using Threshold Voltage Recalibration	Issued	8/4/2014	14/451,176	3/1/2016	9,275,740

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JwLaw	1123.P0004US	US	Method and Apparatus for Restoring Flash Translation Layer (FTL) in Non-Volatile Storage Device	Issued	8/22/2014	14/466,858	3/22/2016	9,292,434
JwLaw	1123.P0006US	US	Method and Apparatus for Providing Improved Garbage Collection Process in Solid State Drive	Issued	6/25/2014	14/315,172	2/20/2018	9,292,434
JwLaw	1123.P0006C1	US	Method and Apparatus for Providing Improved Garbage Collection Process in Solid State Drive	Abandoned	2/12/2018	15/894,587		
JwLaw	1123.P0007US	US	Method and Apparatus for Providing Programmable NVM Interface Using Sequencers	Abandoned	12/18/2015	14/975,025		
JwLaw	1123.P0008US	US	Method and Apparatus for Providing Improved Garbage Collection Process in Solid State Drive	Abandoned	7/6/2016	15/203,702		
JwLaw	1123.P0009US	US	Method and Apparatus for Caching Flash Translation Layer (FTL) Table	Abandoned	7/22/2016	15/217,934		
JwLaw	1123.P0010US	US	Method and Apparatus for Providing a Shared Nonvolatile Memory System Using a Distributed Scheme	Issued	9/28/2016	15/278,833	4/24/2018	9,952,788
JwLaw	1123.P0011US	US	Method and Apparatus for Providing Hybrid Mode to Access SSD Drive	Issued	10/14/2016	15/294,547	6/25/2019	10,331,364
JwLaw	1123.P0011C1	US	Method and Apparatus for Providing Hybrid Mode to Access SSD Drive	Abandoned	6/24/2019	16/450,945		
JwLaw	1128.P0012US	US	Method and Apparatus for Logically Removing Defective Pages in Non-Volatile Memory Storage Device	Issued	11/30/2016	15/365,800	3/17/2020	10,593,421
JwLaw	1123.P0013US	US	Method and Apparatus for Providing Small Form-Factor Pluggable ("SFP") Non-Volatile Memory ("NVM") Storage Devices	Abandoned	2/3/2017	15/424,343		
JwLaw	1123.P0016US	US	Method and Apparatus for Providing Multi-Namespaces using Mapping Technology	Abandoned	2/22/2017	15/439,779		
JwLaw	1123.P0017US	US	Compression and Decompression of Data at High Speed in Solid State Storage	Issued	4/20/2013	13/880,728	4/10/2018	9,940,230

JwLaw	1123.P0017C1	US	Compression and Decompression of Data at High Speed in Solid State Storage	Abandoned	3/6/2018	15/912,352	
JwLaw	1123.P0018US	US	Method and Apparatus for Providing Low Latency SSD	Abandoned	7/31/2017	15/665,068	
JwLaw	1123.P0019US	US	Method and Apparatus for Enhancing Data Integrity Using Dual Error Detection and Repair Protection for SSD	Abandoned	10/12/2017	15/782,629	
JwLaw	1123.P0020US	US	Method and Apparatus for Restoring Data after Power Failure for An Open-Channel Solid State Drive	Abandoned	4/20/2019	16/389,949	
JwLaw	1123.P0021US	US	Method and Apparatus for Facilitating A Trim Process Using Auxiliary Tables	Abandoned	5/29/2019	16/425,913	
JwLaw	1123.P0014US	USA	Method and Apparatus for Providing Memory Storage Using Small Form-Factor Pluggable ("SFP") Auxiliary Plugs	Abandoned	6/14/2017	15/623,259	
JwLaw	1123.P0015US	USA	Method and Apparatus for Providing Data Storage and network communication using Auxiliary Plug	Abandoned	8/1/2017	15/666,094	
JwLaw	1123.P0012PCT		Method and Apparatus for Logically Removing Defective Pages in Non-Volatile Memory Storage Device	Expired	11/30/2016	PCT/US16/64198	
JwLaw	1123.P0016PCT		Method and Apparatus for Providing Multi-Namespaces using Mapping Technology	Expired	1/5/2018	PCT/US18/12541	

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