

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM312295

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
DENSBITS TECHNOLOGIES LTD.		07/29/2014	COMPANY: ISRAEL
RECEIVING PARTY DATA			
Name:	KREOS CAPITAL IV (EXPERT FUND) LIMITED		
Street Address:	47 ESPLANADE		
City:	ST HELIER		
State/Country:	JERSEY		
Entity Type:	CORPORATION: JERSEY		
PROPERTY NUMBERS Total: 2			
Property Type	Number	Word Mark	
Serial Number:	85174297	MEMORY MODEM	
Serial Number:	85174309	DB DENSBITS TECHNOLOGIES	
CORRESPONDENCE DATA			
Fax Number:			
<i>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.</i>			
Email:	Aaron.Lewin@jmbdavis.com		
Correspondent Name:	JMB DAVIS BEN-DAVID		
Address Line 1:	8 HARTOM STREET		
Address Line 2:	PO BOX 45087		
Address Line 4:	JERUSALEM, ISRAEL		
ATTORNEY DOCKET NUMBER:	96088/4.995		
NAME OF SUBMITTER:	Aaron Lewin		
SIGNATURE:	/Aaron Lewin/		
DATE SIGNED:	07/30/2014		
Total Attachments: 27			
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U.S. INTELLECTUAL PROPERTY SECURITY AGREEMENT

This U.S. INTELLECTUAL PROPERTY SECURITY AGREEMENT ("IP Security Agreement") dated July 29, 2014, is made by and between (i) DensBits Technologies Ltd., a company incorporated in Israel under registered number 513941658 whose registered office is at 7 Sderot Hapalyam, Haifa 3309510, Israel ("Grantor"); and (ii) Kreos Capital IV (Expert Fund) Limited, a company incorporated in Jersey under registered number 87844 whose registered office is at 47 Esplanade, St Helier, Jersey; ("the "Lender" which expression shall include its respective successors and assigns).

WHEREAS, the Lender and the Grantor, have entered into that certain Agreement for the Provision of a Loan Facility dated July 24, 2014 (the "Loan Agreement"), to which a Debenture - Floating Charge (the "Debenture - Floating Charge") and a Debenture - Fixed Charge (the "Debenture - Fixed Charge"), in each case executed by the Grantor and the Lender, are attached as exhibits; and

WHEREAS, under the terms of the Debenture - Floating Charge, the Grantor has agreed, among other things, to grant a first priority (subject to the Permitted Security Interests, as such term is defined in the Loan Agreement) floating charge over the intellectual property of the Grantor to the Lender and under the Debenture - Fixed Charge, the Grantor has agreed, among other things, to grant a first priority (subject to the Permitted Security Interests) fixed charge over certain specific intellectual property of Grantor to the Lender, and the Grantor has agreed as a condition thereof and in addition to the creation of the charges pursuant to the Debenture - Fixed Charge and the Debenture - Floating Charge, to execute this IP Security Agreement for recording with the U.S. Patent and Trademark Office on any intellectual property owned by it throughout the term of this IP Security Agreement.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound hereby, the Grantor agrees as follows:

Section 1. Grant of Security. Subject to the provisions of the Debenture - Floating Charge and the Debenture - Fixed Charge (collectively, the "Charge Agreements"), the Grantor hereby grants to the Lender a security interest in and to all right, title and interest to (i) the registered United States patents and pending applications as set forth in Schedule A hereto together with all reissues, divisions, continuations, continuations-in-part, extensions and reexaminations thereof, and all rights therein provided by international treaties or conventions (the "Patents"), (ii) the registered trademarks, service marks, trade names and domain names, and applications therefore as set forth in Schedule A hereto together with all goodwill associated with such trademarks and service marks and all rights therein provided by international treaties or conventions (the "Trademarks"), and (iii) all copyrights and registrations and applications therefore (the "Copyrights"), all as currently owned by the Grantor or which shall be owned in the future by the Grantor (the "Collateral"). Schedule A shall be updated pursuant to the provisions of Section 3.8 of the Loan Agreement upon the application for, or acquisition of, any new Patents or Trademarks in the United States by the Grantor and/or the application for, or acquisition of, any new Copyrights (whether registered or not) (for the avoidance of doubt,

Grantor shall not be under any obligation to register any Copyrights), and the Grantor shall file amendments to Schedule A to that effect pursuant to said subsection of the Loan Agreement.

Section 2. Security for Obligations. The grant of a security interest in the Collateral by the Grantor to the Lender under this IP Security Agreement secures the performance of all obligations and the payment of all money and liabilities owed or incurred by the Grantor to the Lender, now or hereafter existing under or in respect of the Loan Agreement, as may be amended from time to time, and the Charge Agreements, as may be amended from time to time, or under any other future financing arrangement between the Company and the Creditor (as defined in the Charge Agreements) (the "Secured Obligations").

Section 3. Recordation. The Grantor authorizes and requests that the Commissioner of Patents and Trademarks record this IP Security Agreement.

Section 4. Right to Request Information. The Lender shall have the right to request as set forth in Section 8.1.5 in the Loan Agreement, and the Grantor shall, as soon as practically possible, provide upon such request, information reasonably required in order to confirm that Schedule A is updated.

Section 5. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Loan Agreement and the Charge Agreements. The Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Lender with respect to the Collateral are more fully set forth in the Loan Agreement and/or the Charge Agreements and in the event of any contradiction between this IP Security Agreement and the Loan Agreement or the Charge Agreements, the provisions of the Loan Agreement or the Charge Agreements will prevail.

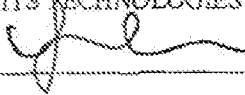
Section 6. Governing Law; Forum for Dispute Resolution. This Agreement shall be governed by and construed according to the laws of the State of Israel, without regard to the conflict of laws provisions thereof. Any dispute arising under or in relation to this Agreement shall be resolved in the competent court for the Tel Aviv-Jaffa district, and each of the parties hereby submits exclusively and irrevocably to the jurisdiction of such court.

Section 7. Termination. This IP Security Agreement and the security interest granted hereunder to the Lender shall terminate and be of no force with respect to the Lender upon satisfaction in full of the Secured Obligations of the Grantor to the Lender. Upon termination of this IP Security Agreement and the security interest granted to the Lender hereunder, the Lender shall promptly execute all documents reasonably necessary to remove the security interest granted by the Grantor hereunder and take any action necessary to remove the security interest granted by the Grantor hereunder, including without limitation, the filing of a Termination Statement in the USPTO for the affected Patents and Trademarks.

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IN WITNESS WHEREOF, the Grantor and the Lender have caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

DENSBITS TECHNOLOGIES LTD.

By: 

Name: Ilan Hen

Title: CEO

KREOS CAPITAL IV (EXPERT FUND)
LIMITED

By: _____

Name: _____

Title: _____

IN WITNESS WHEREOF, the Grantor and the Lender have caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

DENSBITS TECHNOLOGIES LTD.

By: _____

Name: _____

Title: _____

KREOS CAPITAL IV (EXPERT FUND)
LIMITED

By: _____

Name: _____

Title: _____

SCHEDULE A

DensBits Technologies Ltd

1. Patent and patent applications

Docket	Country	Status	Provisional	App. Number	Title	Investors	Dates	Law firm	Law docket
1	USA	Registered 8,650,352		12/666,520	IMPROVED SYSTEMS FOR AND METHODS FOR DETERMINING LOGICAL VALUES OF COUPLED FLASH MEMORY CELLS	Hanan Weingarten	23/12/2009	Dentons	P-72837-US, 10024857-0011
2	USA	Registered 8,427,867		12/595,954	SYSTEM AND METHODS FOR AVERAGING ERROR RATES IN NON-VOLATILE DEVICES AND STORAGE SYSTEMS	Hanan Weingarten	15/10/2009	Dentons	P-72838-US, 10024857-0008
3	USA	Registered 8,730,729		13/301,308	SYSTEM AND METHODS FOR AVERAGING ERROR RATES IN NON-VOLATILE DEVICES AND STORAGE SYSTEMS	Hanan Weingarten	21/11/2011	Dentons	P-72838-US1 10024857-0046-002
4	USA	Registered 8,443,242		12/595,959	SYSTEM AND METHOD FOR MULTIPLE CODING RATES IN FLASH DEVICES	Hanan Weingarten, Michael Katz	15/10/2009	Dentons	P-72839-US, 10024857-0016

5	USA	Registered 8,335,977	12/667,386	FLASH MEMORY APPARATUS AND METHODS USING A PLURALITY OF DECODING STAGES INCLUDING OPTIONAL USE OF CONCATENATED BCH CODES AND/OR DESIGNATION OF "FIRST BELOW" CELLS	Hanan Weingarten, Shmuel Levy, Michael Katz	31/12/2009	Dentons	P-72840-US, 10024857-0003-002
6	USA	Registered 8,627,188	13/708,432	FLASH MEMORY APPARATUS AND METHODS USING A PLURALITY OF DECODING STAGES INCLUDING OPTIONAL USE OF CONCATENATED BCH CODES AND/OR DESIGNATION OF "FIRST BELOW" CELLS	Hanan Weingarten, Shmuel Levy, Michael Katz	07/12/2012	Dentons	P-72840-US1, 10024857-0003-003
7	USA	Registered 8,359,516	12/667,043	SYSTEMS AND METHOD FOR ERROR CORRECTION AND DECODING ON MULTI-LEVEL PHYSICAL MEDIA	Hanan Weingarten	29/12/2009	Dentons	P-72841-US, 10024857-0002-002

8	USA	Pending	13/746,072	SYSTEMS AND METHOD FOR ERROR CORRECTION AND DECODING ON MULTI-LEVEL PHYSICAL MEDIA	Hanan Weingarten	21/01/2013	Dentons	P-72841-US, 10024857-0002-003
9	USA	Registered 8,275,051	12/595,640	CHIEN-SEARCH SYSTEM EMPLOYING A CLOCK-GATING SCHEME TO SAVE POWER FOR ERROR CORRECTION DECODER AND OTHER APPLICATIONS	Hanan Weingarten, Eli Sterin, Ofir Kanter	13/10/2009	Dentons	P-72842-US, 10024857-0007
10	USA	Registered 8,607,128	12/595,971	A LOW POWER CHIEN-SEARCH BASED BCH/RS DECODING SYSTEM FOR FLASH MEMORY, MOBILE COMMUNICATIONS DEVICES AND OTHER APPLICATIONS	Hanan Weingarten, Eli Sterin, Ofir Kanter, Michael Katz	15/10/2009	Dentons	P-72843-US, 10024857-0009

11	USA	Registered 8,321,625	12/687,042	FLASH MEMORY DEVICE WITH PHYSICAL CELL VALUE DETERIORATION ACCOMMODATION AND METHODS USEFUL IN CONJUNCTION THEREWITH	Hanan Weingarten, Shmuel Levy, Michael Katz	29/12/2009	Dentons	P-72844-US, 10024857-0054- 002
12	USA	Pending	13/681,246	FLASH MEMORY DEVICE WITH PHYSICAL CELL VALUE DETERIORATION ACCOMMODATION AND METHODS USEFUL IN CONJUNCTION THEREWITH	Hanan Weingarten, Shmuel Levy, Michael Katz	19/11/2012	Dentons	P-72844-US1, 10024857-0054- 003
13	USA	Registered 8,751,726	12/596,438	SYSTEM AND METHODS EMPLOYING MOCK THRESHOLDS TO GENERATE ACTUAL READING THRESHOLDS IN FLASH MEMORY DEVICES	Michael Katz	18/10/2009	Dentons	P-72845-US, 10024857-0019

14	USA	Registered 8,365,040	12/596,439	SYSTEMS AND METHODS FOR HANDLING IMMEDIATE DATA ERRORS IN FLASH MEMORY	Hanan Weingarten, Shmuel Levy	18/10/2009	Dentons	P-72846-US, 10024857-0010-002
15	USA	Registered 8,762,800	13/751,580	SYSTEMS AND METHODS FOR HANDLING IMMEDIATE DATA ERRORS IN FLASH MEMORY	Hanan Weingarten, Shmuel Levy	28/01/2013	Dentons	P-72846-US, 10024857-0010-003
16	USA	Registered 8,327,246	12/596,448	APPARATUS FOR CODING AT A PLURALITY OF RATES IN MULTI-LEVEL FLASH MEMORY SYSTEMS, AND METHODS USEFUL IN CONJUNCTION THEREWITH	Hanan Weingarten, Shmuel Levy, Ilan Bar	19/10/2009	Dentons	P-72847-US, 10024857-0021
17	USA	Registered 8,341,335	12/596,446	FLASH MEMORY APPARATUS WITH A HEATING SYSTEM FOR TEMPORARILY RETIRED MEMORY PORTIONS	Hanan Weingarten, Shmuel Levy, Michael Katz	19/10/2009	Dentons	P-72848-US, 10024857-0020-002

18	USA	Pending	13/649,292	SYSTEM AND METHODS FOR TEMPORARILY RETIRING MEMORY PORTIONS	Hanan Weingarten, Shmuel Levy, Michael Katz	11/10/2012	Dentons	P-72848-US1, 10024857-0020-003
19	USA	Pending	12/595,961	APPARATUS AND METHODS FOR HARDWARE-EFFICIENT UNBIASED ROUNDING	Ofir Kanter, Han Bar	15/10/2009	Dentons	P-72849-US, 10024857-0018
20	USA	Registered 8,453,022	12/596,450	APPARATUS AND METHODS FOR GENERATING ROW-SPECIFIC READING THRESHOLDS IN FLASH MEMORY	Michael Katz	19/10/2009	Dentons	P-72851-US, 10024857-0022
21	USA	Registered 8,694,715	12/596,680	METHOD FOR ADAPTIVELY PROGRAMMING FLASH MEMORY DEVICES AND FLASH MEMORY SYSTEMS INCORPORATING SAME	Hanan Weingarten, Erez Sabbag, Michael Katz	20/10/2009	Dentons	P-72852-US, 10024857-0023-002

22	USA	Pending	13/956,260	METHOD FOR ADAPTIVELY PROGRAMMING FLASH MEMORY DEVICES AND FLASH MEMORY SYSTEMS INCORPORATING SAME	Hanan Weingarten, Erez Sabbag, Michael Katz	31/07/2013	Dentons	P-72852-US1, 10024857-0023-003
23	USA	Registered 8,332,725	12/535,736	REPROGRAMMING NON-VOLATILE MEMORY PORTIONS	Hanan Weingarten	05/08/2009	Dentons	P-72850-US, 10024857-0017
24	USA	Registered 8,458,574	12/509,748	COMPACT CHIEN-SEARCH BASED DECODING APPARATUS AND METHOD	Hanan Weingarten, Ofir Kanter, Avi Steiner, Erez Sabbag	27/07/2009	Dentons	P-72961-US, 10024857-0063
25	USA	Pending	12/651,489	ENCODING METHOD AND SYSTEM, DECODING METHOD AND SYSTEM	Hanan Weingarten, Ofir Kanter, Avi Steiner, Erez Sabbag	04/01/2010	Dentons	P-72961-US1, 10024857-0024
26	USA	Pending	12/509,749	DEVICE AND METHOD FOR MANAGING A FLASH MEMORY	Boris Barsky, Avigdor Segal, Igal Maly	27/07/2009	Dentons	P-72989-US, 10024857-0033

27	USA	Registered 8,566,510		12/775,804	SYSTEMS AND METHOD FOR FLASH MEMORY MANAGEMENT	Hanan Weingarten	10/05/2010	Dentons	P-73067-US, 10024857-0026
28	USA	Registered 8,305,812		12/769,208	FLASH MEMORY MODULE AND METHOD FOR PROGRAMMING A PAGE OF FLASH MEMORY CELLS	Shmuel Levy, Avi Steiner	28/04/2010	Dentons	P-73313-US, 10024857-0025
29	USA	Pending		14/017,112	FLASH MEMORY MODULE AND METHOD FOR PROGRAMMING A PAGE OF FLASH MEMORY CELLS	Hanan Weingarten, Avi Steiner	03/09/2013	Dentons	P-73313-US2, 10024857-0059- 005
30	USA	Pending		12/836,948	SYSTEM AND METHODS FOR PRE- EQUALIZATION AND CODE DESIGN FOR A FLASH MEMORY	Avi Steiner, Hanan Weingarten	15/07/2010	Dentons	P-73422-US, 10024857-0027

31	USA	Registered 8,724,387		12/870,487	METHOD, SYSTEM, AND COMPUTER READABLE MEDIUM FOR READING AND PROGRAMMING FLASH MEMORY CELLS USING MULTIPLE BIAS VOLTAGES	Avi Steiner, Hanan Weingarten	27/08/2010	Dentons	P-73536-US, 10024857-0055
32	USA	Registered 8,626,988		12/942,802	SYSTEM AND METHOD FOR UNCODED BIT ERROR RATE EQUALIZATION VIA INTERLEAVING	Avi Steiner, Hanan Weingarten	09/11/2010	Dentons	P-73537-US, 10024857-0014- 002
33	USA	Pending		14/142,118	SYSTEM AND METHOD FOR UNCODED BIT ERROR RATE EQUALIZATION VIA INTERLEAVING	Avi Steiner, Hanan Weingarten	27/12/2013	Dentons	P-73537-US1, 10024857-0014- 003
34	USA	Pending		12/969,500	DEVICE, SYSTEM, AND METHOD FOR REDUCING PROGRAM/READ DISTURB IN FLASH ARRAYS	Erez Sabbag	15/12/2010	Dentons	P-73532-US, 10024857-0015

35	USA	Registered 8,607,124		12/973,494	A SYSTEM AND METHOD FOR SETTING A FLASH MEMORY CELL READ THRESHOLD	Hanan Weingarten	20/12/2010	Dentons	P-73668-US, 10024857-0004
36	USA	Registered 8,527,840		13/077,587	SYSTEM AND METHOD FOR RESTORING DAMAGED DATA PROGRAMMED ON A FLASH DEVICE	Erez Sabbag	31/03/2011	Dentons	P-73664-US, 10024857-0039
37	USA	Registered 8,700,970		13/036,796	SYSTEM AND METHOD FOR MULTI-DIMENSIONAL DECODING	Avi Steiner, Hanan Weingarten	28/02/2011	Dentons	P-73804-US, 10024857-0006
38	USA	Registered 8,341,502		13/036,622	SYSTEM AND METHOD FOR MULTI-DIMENSIONAL DECODING	Avi Steiner, Hanan Weingarten	28/02/2011	Dentons	P-73804-US1, 10024857-0005
39	USA	Registered 8,516,274		13/081,225	METHOD, SYSTEM AND MEDIUM FOR ANALOG ENCRYPTION IN A FLASH MEMORY	Hanan Weingarten	06/04/2011	Dentons	P-73953-US, 10024857-0040
40	USA	Pending		13/081,228	METHOD, SYSTEM AND MEDIUM FOR ANALOG ENCRYPTION IN A FLASH MEMORY	Hanan Weingarten	06/04/2011	Dentons	P-73953-US1, 10024857-0041

41	USA	Pending	13/070,245	SYSTEM AND METHOD FOR OPERATING A NON-VOLATILE MEMORY INCLUDING A PORTION OPERATING AS A SINGLE-LEVEL CELL MEMORY AND A PORTION OPERATING AS A MULTI-LEVEL CELL MEMORY	Avigdor Segal, Boris Barsky, Igal Maly, Han Bar	23/03/2011	Dentons	P-74032-US, 10024857-0038
42	USA	Registered 8,745,317	13/080,502	SYSTEM AND METHOD FOR STORING INFORMATION IN A MULTI-LEVEL CELL MEMORY	Hanan Weingarten	05/04/2011	Dentons	P-74033-US, 10024857-0034
43	USA	Pending	13/086,736	SYSTEM AND METHOD FOR ALLOCATING AND USING SPARE BLOCKS IN A FLASH MEMORY	Avigdor Segal, Igal Maly	28/04/2011	Dentons	P-73974-US, 10024857-0035
44	USA	Registered 8,539,311	13/117,008	SYSTEMS AND METHODS FOR DATA RECOVERY IN MULTI-LEVEL CELL MEMORIES	Hanan Weingarten, Avi Steiner, Ofir Kanter, Erez Sabbag, Avigdor Segal, Michael Katz	26/05/2011	Dentons	P-74281-US, 10024857-0036

45	USA	Registered 8,510,639	13/171,215	SYSTEM AND METHOD FOR MULTI- DIMENSIONAL ENCODING AND DECODING	Avigdor Segal, Erez Sabbag, Eli Sterin, Avi Steiner, Ilan Bar	28/06/2011	Dentons	P-74247-US, 10024857-0037
46	USA	Registered 8,468,431	13/171,211	SYSTEM AND METHOD FOR MULTI- DIMENSIONAL ENCODING AND DECODING	Avigdor Segal, Erez Sabbag, Eli Sterin, Avi Steiner, Ilan Bar	28/06/2011	Dentons	P-74247-US1, 10024857-0042
47	USA	Registered 8,621,321	13/171,214	SYSTEM AND METHOD FOR MULTI- DIMENSIONAL ENCODING AND DECODING	Avigdor Segal, Erez Sabbag, Eli Sterin, Avi Steiner, Ilan Bar	28/06/2011	Dentons	P-74247-US2, 10024857-0028- 002
48	USA	Pending	14/141,671	SYSTEM AND METHOD FOR MULTI- DIMENSIONAL ENCODING AND DECODING	Avigdor Segal, Erez Sabbag, Eli Sterin, Avi Steiner, Ilan Bar	27/12/2013	Dentons	P-74247-US3, 10024857-0078- 003

49	USA	Pending	13/173,110	SYSTEMS AND METHODS FOR STORING, RETRIEVING AND ADJUSTING READ THRESHOLDS IN FLASH MEMORY STORAGE SYSTEM	Michael Katz, Hanan Weingarten	30/06/2011	Dentons	P-74289-US, 10024857-0029-002
50	USA	Registered 8,467,249	13/173,145	SYSTEMS AND METHODS FOR STORING, RETRIEVING AND ADJUSTING READ THRESHOLDS IN FLASH MEMORY STORAGE SYSTEM	Michael Katz, Hanan Weingarten	30/06/2011	Dentons	P-74289-US1, 10024857-0030-002
51	USA	Pending	13/214,485	SYSTEM AND METHOD FOR ACCELERATED SAMPLING	Erez Sabbag, Hanan Weingarten	22/08/2011	Dentons	P-74401-US, 10024857-0031
52	USA	Registered 8,508,995	13/231,354	A SYSTEM AND METHOD FOR ADJUSTING READ VOLTAGE THRESHOLDS IN MEMORIES	Erez Sabbag, Hanan Weingarten, Michael Katz	13/09/2011	Dentons	P-74460-US, 10024857-0032

53	USA	Pending		13/284,794	METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR COPY BACK	Erez Sabbag, Hanan Weingarten	28/10/2011	Dentons	P-74534-US, 10024857-0043-002
54	USA	Pending		13/799,276	INTERLEAVING CODEWORD PORTIONS BETWEEN MULTIPLE PLANES AND/OR DIES OF A FLASH MEMORY DEVICE	Avi Steiner, Hanan Weingarten, Guy Azrad, Avigdor Segal	17/11/2011	Dentons	P-74652-US, 10024857-0044-002
55	USA	Pending		13/342,946	DEVICES AND METHOD FOR WEAR ESTIMATION BASED MEMORY MANAGEMENT	Hanan Weingarten, Avi Steiner	03/01/2012	Dentons	P-74835-US, 10024857-0047-002
56	USA	Registered 8,693,258		13/370,197	OBTAINING SOFT INFORMATION USING A HARD INTERFACE	Hanan Weingarten, Erez Sabbag	09/07/2012	Dentons	P-74900-US, 10024857-0050-002
57	USA	Pending		13/420,032	SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR JOINT SEARCH OF A READ THRESHOLD AND SOFT DECODING	Avi Steiner, Hanan Weingarten, Erez Sabbag	14/03/2012	Dentons	P-74959-US, 10024857-0051-002

58	USA	Pending		13/434,083	SYSTEM AND METHOD FOR FLASH MEMORY MANAGEMENT	Hanan Weingarten, Alik Yainerovitch	29/03/2012	Dentons	P-75029-US, 10024857-0052-002
59	USA	Registered 8,553,468		13/238,983	SYSTEM AND METHOD FOR MANAGING ERASE OPERATIONS IN A NON-VOLATILE MEMORY	Erez Sabbag, Avi Steiner	21/09/2011	Dentons	P-75042-US, 10024857-0001
60	USA	Registered 8,667,211		13/300,312	SYSTEM AND METHOD FOR MANAGING A NON-VOLATILE MEMORY	Hanan Weingarten, Michael Katz	18/11/2011	Dentons	P-75102-US, 10024857-0045-002
61	USA	Registered 8,588,003		13/434,334	SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR PROGRAMMING AND FOR RECOVERING FROM A POWER FAILURE	Hanan Weingarten, Avigdor Segal	29/03/2012	Dentons	P-75294-US, 10024857-0053-002
62	USA	Pending		13/478,706	METHODS, SYSTEMS AND COMPUTER READABLE MEDIUM FOR WRITING AND READING DATA	Hanan Weingarten, Michael Katz	23/05/2012	Dentons	P-76000-US, 10024857-0057

63	USA	Pending		13/483,340	SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR PROCESSING READ THRESHOLD INFORMATION AND FOR READING A FLASH MEMORY MODULE	Hanan Weingarten	30/05/2012	Dentons	P-76002-US, 10024857-0058-002
64	USA	Pending		14/275,096	SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR PROCESSING READ THRESHOLD INFORMATION AND FOR READING A FLASH MEMORY MODULE	Hanan Weingarten	12/05/2014	Dentons	P-76002-US, 10024857-0058-003
65	USA	Pending		13/369,834	STATE RESPONSIVE OPERATIONS RELATING TO FLASH MEMORY CELLS	Hanan Weingarten, Avigdor Segal, Igal Mali, Avi Steiner	09/02/2012	Dentons	P-76004-US, 10024857-0048-002

66	USA	Pending		13/595,848	METHOD AND SYSTEM FOR SPLIT FLASH MEMORY MANAGEMENT BETWEEN HOST AND STORAGE CONTROLLER	Hanan Weingarten, Erez Sabbag	27/08/2012	Dentons	P-76005-US, 10024857-0060-002
67	USA	Pending		13/570,114	CONFIGURABLE FLASH INTERFACE	Amir Nassie	09/02/2012	Dentons	P-76007-US, 10024857-0049-002
68	USA	Pending		13/454,750	SYSTEM, METHOD AND COMPUTER READABLE MEDIUM FOR GENERATING SOFT INFORMATION	Avi Steiner, Hanan Weingarten, Erez Sabbag	24/04/2012	Dentons	P-76008-US, 10024857-0056-002
69	USA	Pending		13/683,479	DETERMINING READ THRESHOLDS BASED UPON READ ERROR DIRECTION STATISTICS	Hanan Weingarten, Evgeny Pinkovich	21/11/2012	Dentons	P-76009-US, 10024857-0061
70	USA	Pending		13/859,497	ADVANCED MANAGEMENT OF A NON-VOLATILE MEMORY	Michael Katz, Hanan Weingarten	09/04/2013	Dentons	P-76010-US, 10024857-0052-005

71	USA	Pending		13/595,782	SYSTEM AND METHODS FOR DYNAMIC ERASE AND PROGRAM CONTROL FOR FLASH MEMORY DEVICE MEMORIES	Avi Steiner, Hanan Weingarten	27/08/2012	Dentons	P-76012-US, 10024857-0059-002
72	USA	Pending		13/733,774	READ THRESHOLD DETERMINATION USING REFERENCE READ THRESHOLD	Hanan Weingarten, Erez Sabbag, Evgeny Prikavich	03/01/2013	Dentons	P-76013-US, 10024857-0062-002
73	USA	Pending		13/917,069	SIZE LIMITED MULTI-DIMENSIONAL DECODING	Avi Steiner, Hanan Weingarten	13/06/2013	Dentons	P-76014-US, 10024857-0064-002
74	USA	Pending		14/089,547	SYSTEM AND METHOD FOR IRREGULAR MULTIPLE DIMENSION DECODING AND ENCODING	Avi Steiner, Hanan Weingarten	09/10/2013	Dentons	P-76015-US, 10024857-0066-002
75	USA	Pending		14/049,758	SYSTEM AND METHOD FOR IRREGULAR MULTIPLE DIMENSION DECODING AND ENCODING	Avi Steiner, Hanan Weingarten	09/10/2013	Dentons	P-76015-US1, 10024857-0067-002

76	USA	Pending		14/050,249	DETECTING AND MANAGING BAD COLUMNS	Amir Nassie	09/10/2013	Dentons	P-76020-US, 10024857-0069- 002
77	USA	Pending		14/050,264	DETECTING AND MANAGING BAD COLUMNS	Amir Nassie	09/10/2013	Dentons	P-76020-US, 10024857-0078- 002
78	USA	Pending		14/042,327	DYNAMIC AND CRITERIA BASED INTERLEAVING	Hanan Weingarten, Erez Sabbag	30/09/2013	Dentons	P-76016-US, 10024865-0065- 002
79	USA	Pending		14/050,913	ADVANCED MANAGEMENT OF A NON-VOLATILE MEMORY	Hanan Weingarten, Ilan Bar, Michael Katz	10/10/2013	Dentons	P-76022-US, 10024865-0052- 562
80	USA	Pending		14/045,681	ORDERED MERGE OF DATA SECTORS THAT BELONG TO MEMORY SPACE PORTIONS	Michael Katz	03/10/2013	Dentons	P-76021-US, 10024865-0052- 552
81	USA	Pending		14/049,070	SYSTEM AND METHOD FOR MULTIPLE DIMENSION DECODING AND ENCODING A MESSAGE	Eli Sterin	08/10/2013	Dentons	p-76018-US, 10024865-0068- 002

82	USA	Pending	14/162,493	DIGITAL SIGNALING PROCESSING FOR THREE DIMENSIONAL FLASH MEMORY ARRAYS	Hanan Weingarten, Erez Sabbag	23/01/2014	Dentons	P-76019-US, 10024857-0071
83	USA	Pending	14/097,086	ADVANCED MANAGEMENT OF A NON-VOLATILE MEMORY	Hanan Weingarten, Avigdor Segal, Igal Maly	04/12/2013	Dentons	P-76023-US, 10024857-0052-572
84	USA	Pending	14/167,879	PROGRAMMING AN EMBEDDED FLASH STORAGE DEVICE	Hanan Weingarten, Avigdor Segal, Igal Maly, Irena Shernesh	29/01/2014	Dentons	P-76024-US, 10024857-0072-002
85	USA	Pending	14/284,296	ERROR CORRECTION PROCESS THAT SKIPS FAILURE PRONE ERROR CORRECTION PROCEDURES	Hanan Weingarten	21/05/2014	Dentons	P-76030-US, 10024857-0073-002
86	USA	Pending	14/290,848	ERROR CORRECTION	Hanan Weingarten, Ilan Bar	29/05/2014	Dentons	P-76031-US, 10024857-0074-002
87	USA	Pending	14/293,721	FALSE ERROR CORRECTION DETECTION	Hanan Weingarten, Avi Steiner	02/06/2014	Dentons	P-76034-US, 10024857-0075-002

88	USA	Pending	14/282,204	MANAGEMENT OF A NON-VOLATILE MEMORY MODULE	Hanan Weingarten	20/05/2014	Dentons	P-76033-US, 10024857-0052-582
89	USA	WIP		LOGICAL DATA TO CODE WORD ALIGNMENT	Avigdor Segal, Hanan Weingarten, Igal Maly			P-76032-US
90	USA	Pending	14/323,857	INTERLEAVED ENCODING	Hanan Weingarten, Avi Steiner	03/07/2014	Dentons	P-76028-US
91	USA	Pending	14/323,889	ACCELERATING PROGRAMMING OF FLASH MEMORY MODULE	Avigdor Segal, Hanan Weingarten	03/07/2014	Dentons	P-76025-US
92	USA	WIP		MANAGEMENT OF MEMORY UNITS	Hanan Weingarten, Erez Sabbag			P-76027-US
93	USA	WIP		SYSTEM AND METHOD FOR DYNAMIC ERASE AND PROGRAM CONTROL FOR FLASH MEMORIES	Hanan Weingarten, Eugeniy Pinkovich			P-76029-US

94	USA	WIP			EXTENDED BLOCK BASED AND RSB MANAGEMENT WITH VARIABLE ORIGINAL BLOCK SIZES	Hanan Weingarten			P-76026-US
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2. Trademarks and trademarks applications

Mark	File / Country	Registration Date	Registration Number	Status
MEMORY MODEM	USA	11/11/2010	85/174297	
DB DENSBITS TECHNOLOGIES	USA	11/11/2010	85/174309	

3. Web domain -- densbits.com