

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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ETAS ID: TM335424

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
DENSBITS TECHNOLOGIES LTD.		02/23/2015	COMPANY: ISRAEL
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	KREOS CAPITAL IV (EXPERT FUND) LIMITED		
<b>Street Address:</b>	47 ESPLANADE		
<b>City:</b>	ST HELIER		
<b>State/Country:</b>	JERSEY		
<b>Entity Type:</b>	CORPORATION: JERSEY		
<b>PROPERTY NUMBERS Total: 2</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	86465727	MEMORY MODEM	
<b>Serial Number:</b>	86377371	DB DENSBITS TECHNOLOGIES	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>			
<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>			
<b>Email:</b>	Aaron.Lewin@jmbdavis.com		
<b>Correspondent Name:</b>	JMB DAVIS BEN-DAVID		
<b>Address Line 1:</b>	8 HARTOM STREET		
<b>Address Line 4:</b>	JERUSALEM, ISRAEL		
<b>ATTORNEY DOCKET NUMBER:</b>	96088/4.995		
<b>NAME OF SUBMITTER:</b>	Aaron Lewin		
<b>SIGNATURE:</b>	/Aaron Lewin/		
<b>DATE SIGNED:</b>	03/18/2015		
<b>Total Attachments: 26</b>			
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AMENDMENT TO  
U.S. INTELLECTUAL PROPERTY SECURITY AGREEMENT  
(the "Amendment")  
Dated as of February 23, 2015

WHEREAS, DensBits Technologies Ltd., (the "Grantor"), a company organized under the laws of the State of Israel, with registered number 513941658 whose registered office is at 7 Sderot Hapalyam, Haifa 3309510, Israel, and Kreos Capital IV (Expert Fund) Limited ("Kreos"), a company incorporated in Jersey under registered number 87844 whose registered office is at 47 Esplanade, St Helier, Jersey, entered into a U.S. Intellectual Property Security Agreement ("U.S. IP Security Agreement") on July 29, 2014; and

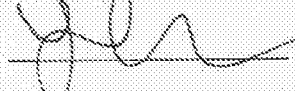
WHEREAS, Grantor and Kreos wish to add new and updated patents and patent applications to Schedule A of the U.S. IP Security Agreement;

NOW, THEREFORE, Grantor and Kreos agreed as follows:

1. Grantor and Kreos hereby agree to replace schedule A to the U.S. IP Security Agreement by the Schedule of Intellectual Property attached as Annex A.
2. Except as set forth in this Amendment, no other provision of the U.S. IP Security Agreement is amended or supplemented hereby and all such provisions remain in full force and effect.

IN WITNESS WHEREOF, Grantor and Kreos have caused this Amendment to U.S. Intellectual Property Security Agreement to be duly executed and delivered by a duly authorized officer as of the date first written above.

COMPANY:



DENSBITS TECHNOLOGIES  
LTD.

Name: ILAN HESH

Title: CEO

KREOS:



KREOS CAPITAL IV (EXPERT  
FUND) LIMITED.

Name:

Title:

**AMENDMENT TO  
U.S. INTELLECTUAL PROPERTY SECURITY AGREEMENT  
(the "Amendment")**

Dated as of February 23, 2015

WHEREAS, DensBits Technologies Ltd., (the "Grantor"), a company organized under the laws of the State of Israel, with registered number 513941658 whose registered office is at 7 Sderot Hapalyam, Haifa 3309510, Israel, and Kreos Capital IV (Expert Fund) Limited ("Kreos"), a company incorporated in Jersey under registered number 87844 whose registered office is at 47 Esplanade, St Helier, Jersey, entered into a U.S. Intellectual Property Security Agreement ("U.S. IP Security Agreement") on July 29, 2014; and

WHEREAS, Grantor and Kreos wish to add new and updated patents and patent applications to Schedule A of the U.S. IP Security Agreement;

NOW, THEREFORE, Grantor and Kreos agreed as follows:

1. Grantor and Kreos hereby agree to replace schedule A to the U.S. IP Security Agreement by the Schedule of Intellectual Property attached as Annex A.
2. Except as set forth in this Amendment, no other provision of the U.S. IP Security Agreement is amended or supplemented hereby and all such provisions remain in full force and effect.

IN WITNESS WHEREOF, Grantor and Kreos have caused this Amendment to U.S. Intellectual Property Security Agreement to be duly executed and delivered by a duly authorized officer as of the date first written above.

COMPANY:

KREOS:

\_\_\_\_\_

DENSBITS TECHNOLOGIES  
LTD.

\_\_\_\_\_

KREOS CAPITAL IV (EXPERT  
FUND) LIMITED.

Name:

Name:

Title

Title:

Annex 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 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		12/595,964	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	Registered 8,782,500	13/746,072	SYSTEMS AND METHOD FOR ERROR CORRECTION AND DECODING ON MULTI- LEVEL PHYSICAL MEDIA	Hanan Weingarten	21/01/2013	Dentons	P-72841-US1, 10024857-0002- 003
9	USA	Registered 8,276,051	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		12/667,042	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-US1, 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	Registered 8,843,698		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, Ilan 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	Registered 8,799,563	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	Registered 8,850,296	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	Registered 8,819,385	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		12/776,804	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	Registered 8,868,821		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, Ilan 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	13/096,736	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	Registered 8,850,297		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, 10024857-0028- 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	Registered 8,850,100	13/299,276	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	09/02/2012	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 Vainerovitch	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	Registered 8,838,937	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	Registered 8,879,325	13/483,340	SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR PROCESSING READ THRESHOLD INFORMATION AND FOR READING A FLASH MEMORY MODULE	Ilan Bar, 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	Ilan Bar, Hanan Weingarten	12/05/2014	Dentons	P-76002-US1, 10024857-0058- 003
65	USA	Registered 8,947,941	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		13/370,114	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 Pinkovich	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		14/049,547	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-US1, 10024857-0070-002
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 Shemesh	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	Pending		14/547,008	CODE WORD MANAGEMENT	Avigdor Segal, Hanan Weingarten, Igal Maly	18/11/2014	Dentons	P-76032-US, 10024857-0082
90	USA	Pending		14/323,857	INTERLEAVED ENCODING	Hanan Weingarten, Avi Steiner	03/07/2014	Dentons	P-76028-US, 10024857-0077-002
91	USA	Pending		14/323,889	ACCELERATING PROGRAMMING OF FLASH MEMORY MODULE	Avigdor Segal, Hanan Weingarten	03/07/2014	Dentons	P-76025-US, 10024857-0078-002
92	USA	Pending		14/313,821	MANAGEMENT OF MEMORY UNITS	Hanan Weingarten, Erez Sabbag	24/06/2014	Dentons	P-76027-US, 10024857-0076-002
93	USA	Pending		14/326,142	SYSTEM AND METHOD FOR DYNAMIC ERASE AND PROGRAM CONTROL FOR FLASH MEMORIES	Hanan Weingarten, Evgeny Pinkovich	08/07/2014	Dentons	P-76029-US, 10024857-0079-002

94	USA	WIP			EXTENDED BLOCK BASED AND RSB MANAGEMENT WITH VARIABLE ORIGINAL BLOCK SIZES	Hanan Weingarten			P-76026-US
95	USA	Pending	14/307,213		SYSTEMS AND METHOD FOR ERROR CORRECTION AND DECODING ON MULTI-LEVEL PHYSICAL MEDIA	Hanan Weingarten	17/06/2014	Dentons	P-72841-US2, 10024857-0002- 352
96	USA	Pending	14/481,681		PARRALLEL ENCODING METHOD AND SYSTEM	Hanan Weingarten, Avi Steiner	09/09/2014	Dentons	P-76028-US1, 10024857-0077- 003
97	USA	Pending	14/612,152		SYSTEMS AND METHOD FOR ENCODING USING MULTIPLE LINEAR FEEDBACK SHIFT REGISTERS	Hanan Weingarten, Erez Sabbag, Amir Nassie	02/02/2015	Dentons	P-76035-US, 10024857-0083- 002

2. Trademarks and trademarks applications

Mark	File /Country	Registration Date	Registration Number	Status
MEMORY MODEM	USA	11/11/2010	86465727	
DB DENSBITS TECHNOLOGIES	USA	11/11/2010	86377371	

3. Web domain – densbits.com