

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6231233

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
MIZRAHI TEFAHOT BANK, LTD.	07/29/2020

RECEIVING PARTY DATA

Name:	FLASH NETWORKS LTD.
Street Address:	7 SAPIR STREET
City:	HERZLIYA
State/Country:	ISRAEL

PROPERTY NUMBERS Total: 53

Property Type	Number
Patent Number:	8291007
Patent Number:	7423972
Patent Number:	7007113
Patent Number:	7739384
Patent Number:	7398314
Patent Number:	8176183
Patent Number:	7447745
Patent Number:	7680102
Patent Number:	7542476
Patent Number:	7984163
Patent Number:	8156429
Patent Number:	8069406
Patent Number:	8606876
Patent Number:	9336323
Patent Number:	8214827
Patent Number:	8166198
Patent Number:	8819111
Patent Number:	9602613
Patent Number:	8370737
Patent Number:	9152615
Patent Number:	8886805

PATENT

Property Type	Number
Patent Number:	9071505
Patent Number:	9613142
Patent Number:	9699103
Patent Number:	9665646
Patent Number:	8086855
Patent Number:	7653200
Patent Number:	7873705
Patent Number:	7995506
Patent Number:	8972518
Patent Number:	8869030
Patent Number:	8856658
Patent Number:	8073275
Patent Number:	8819143
Patent Number:	8145656
Patent Number:	8467457
Patent Number:	8527649
Patent Number:	8832709
Patent Number:	8688074
Patent Number:	9042863
Patent Number:	7430740
Patent Number:	8078153
Patent Number:	7805532
Patent Number:	8327024
Patent Number:	8886748
Patent Number:	9247259
Application Number:	14852682
Application Number:	15598305
Application Number:	15141971
Application Number:	15342017
Application Number:	15902654
Application Number:	15950157
Application Number:	62599095

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NAME OF SUBMITTER:	CASSANDRA MEYER
SIGNATURE:	/Cassandra Meyer/
DATE SIGNED:	08/03/2020

Total Attachments: 8

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INTELLECTUAL PROPERTY SECURITY AGREEMENT NOTICE OF TERMINATION AND RELEASE

This **NOTICE OF TERMINATION AND RELEASE** ("Notice of Termination and Release") is dated July [29], 2020 and made by Mizrahi Tefahot Bank, Ltd., a company incorporated in Israel under registered number 520000522 whose registered office is at 7 Jabotinsky St., Ramat Gan, Israel (the "Lender").

WITNESSETH

WHEREAS, on May 13, 2018, Flash Networks Ltd., a company incorporated in Israel under registered number 512223975 whose registered office is at 7 Sapir Street, Herzliya, Israel ("Grantor") and Lender entered into a certain Credit Facility Agreement (as amended, restated, amended and restated or otherwise modified from time to time, the "Loan Agreement"), pursuant to which the Lender agreed to make certain loans and provide other financial accommodations to Grantor upon the terms and conditions stated therein;

WHEREAS, the Grantor executed and delivered an intellectual property security agreement (the "Agreement") to the Lender on May 13, 2018, as required by the Lender as a condition of the Loan Agreement;

WHEREAS, the Agreement was recorded with the United States Patent and Trademark Office on May 16, 2018, at Reel 046174/Frame 0432 (patents) and Reel 6385/Frame 0848 (trademarks); and

WHEREAS, the Grantor's obligations and liabilities under the Loan Agreement have been paid in full, and the Lender has agreed to terminate and release all security interests in the Grantor's Patents (as defined below) and Licenses (as defined below).

NOW, THEREFORE, Lender hereby provides notice that the security interests in the Patents (as defined below), including the patents and patent applications listed on the attached Schedule A, have been terminated and released as follows:

1. Incorporation of Prior Agreements. All terms capitalized but not otherwise defined herein shall have the same meanings herein as in the Loan Agreement.

2. Release of Security Interests. Lender hereby provides notice that the Lender has terminated and released, and hereby terminate and release, all security interests in all of Grantor's:

(a) registered patents and patent applications, including, without limitation, the registered patents and applications listed on Schedule A, attached hereto and made a part hereof, and (i) improvements, divisions, continuations, renewals, reissues, reexaminations, extensions, and continuations-in-part thereof, (ii) all income, royalties, damages and payments

now and hereafter due and/or payable with respect thereto, including, without limitation, damages and payments for past or future infringements thereof, (iii) the right to sue for past, present, and future infringements thereof, and (iv) all of Grantor's rights corresponding thereto throughout the world (all of the foregoing registered patents and applications, together with the items described in clauses (i)-(iv), are sometimes hereinafter individually and/or collectively referred to as the "Patents"); and

(b) the registered United States trademarks, service marks, trade names and domain names, and applications therefore as set forth in Schedule B hereto together with all goodwill associated with such trademarks and service marks and all rights therein provided by international treaties or conventions (the "Trademarks").

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SCHEDULE A

Patents:

Patents and Patent Applications:

Ref. No.	Issue Date	Title	Status	Next step.	Expiry Date
FN-03 US US 8,291,007	Oct 16, 2012	SYSTEM AND METHOD TO ACCELERATE CLIENT/SERVER INTERACTIONS USING PREDICTIVE REQUESTS	Granted Patent	Fees on: March 16, 2019 March 16, 2024	Feb 21, 2021
FN-06-US US 7,423,972	Sep 9, 2008	SYSTEM AND METHOD FOR A TRANSMISSION RATE CONTROLLER	Granted Patent	Maintenance fees: March 9, 2020	Nov 28, 2021
FN-07-US US 7,007,113	Feb 28, 2006	SYSTEM AND METHOD FOR DATA RE-COMPRESSION FOR COMMUNICATION OVER IP	Granted Patent		Jan 21, 2022
FN-08-US US 7,739,384	Jun 15, 2010	SYSTEM AND METHOD FOR LOAD BALANCING	Granted Patent	Fees on: Dec 15, 2021	Dec 13, 2021
FN-09-US US 7,398,314	Jul 8, 2008	SYSTEM AND A METHOD FOR ACCELERATING COMMUNICATION OF TCP/IP BASED CONTENT THROUGH THE USE OF FAKE HOST NAMES	Granted Patent	Maintenance fees: Jan 8, 2020	Aug 8, 2022
FN-09-CON US 8,176,183	May 8, 2012	SYSTEM AND A METHOD FOR ACCELERATING COMMUNICATION OF TCP/IP BASED CONTENT	Granted Patent	Fees on: Sep 11, 2019 Sep 11, 2023	Jun 9, 2028
FN-10-US US 7,447,745	Nov 4, 2008	SYSTEM AND A METHOD FOR ACCELERATING COMMUNICATION BETWEEN A CLIENT AND AN EMAIL SERVER	Granted Patent	Maintenance fees: May 4, 2020	Jan 5, 2023
FN-11-US US 7,680,102	Mar 16, 2010	METHOD AND SYSTEM FOR CONNECTING MANIPULATION EQUIPMENT BETWEEN OPERATOR'S PREMISES AND THE INTERNET	Granted Patent	Fees on: Sep 16, 2021	Jun 11, 2023
FN-12-US US 7,542,476	Jun 2, 2009	METHOD AND SYSTEM FOR MANIPULATING IP PACKETS IN VIRTUAL PRIVATE NETWORKS	Granted Patent	Fees on: Dec 2, 2020	Aug 27, 2024
FN-13-US US 7,984,163	Jul 19, 2011	METHOD AND SYSTEM FOR OPTIMIZING DNS QUERIES	Granted Patent	Fees on: Jan 19, 2019 Jan 19, 2023	Jan 11, 2026
FN-14-US US 8,156,429	Apr 10, 2012	METHOD AND SYSTEM FOR ACCELERATING DOWNLOADING OF WEB PAGES	Granted Patent	Fees on: Oct 10, 2019 Oct 10, 2023	Oct 17, 2025
FN-15-US US 8,069,406	Nov 29, 2011	METHOD AND SYSTEM FOR IMPROVING USER EXPERIENCE WHILE BROWSING	Granted Patent	Fees on: May 29, 2019 May 29, 2023	Feb 8, 2026
FN-17-US US8,606,876	Dec 10, 2013	METHOD AND SYSTEM FOR ACCELERATING DATA COMMUNICATION THAT IS USING MULTIPART	Granted Patent	Maintenance fees: Jun 10, 2021 Jun 10, 2025	Jun 27, 2028
FN-18-US US 9,336,323	May 10, 2016	METHOD AND SYSTEM FOR ACCELERATING SURFING THE INTERNET	Granted Patent	Maintenance fees: Nov 10, 2019 Nov 10, 2023 Nov 10, 2027	Jul 26, 2027

PATENT

REEL: 053381 FRAME: 0680

FN-19-US US 8,214,827	Jul 3, 2012	METHOD AND SYSTEM FOR IMPROVING USER CONFIDENCE AND EXPERIENCE IN CONTENT PURCHASING VIA A SERVICE PROVIDER PREMISES	Granted Patent	Maintenance fees: Jan 3, 2020 Jan 3, 2024	Nov 28, 2026
FN-20-US US 8,166,198	Apr 24, 2012	METHOD AND SYSTEM FOR ACCELERATING BROWSING SESSIONS	Granted Patent	Maintenance fees: Oct 25, 2019 Oct 25, 2023	Mar 15, 2027
FN-21-US US 8,819,111	Aug 26, 2014	METHOD AND SYSTEM FOR NOTIFYING AN ADDRESSEE OF A COMMUNICATION SESSION	Granted Patent	Maintenance fees: Feb 26, 2022 Feb 26, 2026	Apr 14, 2028
FN-22-US US 9,602,613	Mar 21, 2017	METHOD AND SYSTEM FOR ACCELERATING BROWSING SESSIONS	Granted Patent	Fees on: Sep 21, 2020 Sep 21, 2024 Sep 21, 2028	Sep 26, 2028
FN-23-US US 8,370,737	Feb 5, 2013	METHOD AND SYSTEM FOR INSERTING DATA IN A WEB PAGE THAT IS TRANSMITTED TO A HANDHELD DEVICE	Granted Patent	Maintenance fees: Aug 5, 2020 Aug 5, 2024	Dec 17, 2029
FN-23-US-CON US 9,152,615	Oct 6, 2015	METHOD AND SYSTEM FOR INSERTING DATA IN A WEB PAGE THAT IS TRANSMITTED TO A HANDHELD DEVICE	Granted Patent	Maintenance fees: Apr 6, 2021 Apr 6, 2026	Dec 17, 2029
FN-24-US US 8,886,805	Nov 11, 2014	METHOD AND SYSTEM FOR DYNAMICALLY ALLOCATING SERVICES FOR SUBSCRIBERS DATA TRAFFIC	Granted Patent	Maintenance fees: May 11, 2022 May 11, 2026	Nov 15, 2030
FN-24-CON US 9,071,505	Jun 30, 2015	METHOD AND SYSTEM FOR DYNAMICALLY ALLOCATING SERVICES FOR SUBSCRIBERS DATA TRAFFIC	Granted Patent	Maintenance fees: Dec 30, 2018 Dec 30, 2022 Dec 30, 2026	Oct 7, 2034
FN-25-US US 9,613,142	Apr 4, 2017	METHOD AND SYSTEM FOR PROVIDING THE DOWNLOAD OF TRANSCODED FILES	Granted Patent	Maintenance fees: Oct 4, 2020 Oct 4, 2024 Oct 4, 2028	Apr 13, 2031
FN-27-US US 9,699,103	Jul 4, 2017	METHOD AND SYSTEM FOR FLOW CONTROLLING	Granted Patent	Maintenance fees: Jan 4, 2021 Jan 4, 2025 Jan 4, 2029	Sep 5, 2032
FN-28-US US 9,665,646	May 30, 2017	METHOD AND SYSTEM FOR PROVIDING BIT RATE ADAPTAION TO VIDEO FILES HAVING METADATA	Granted Patent	Fees on: Nov 30, 2020 Nov 30, 2024 Nov 30, 2028	Aug 8, 2033

ADJ-01-US US 8,086,855	Dec 27, 2011	ACCESS TO PLMN NETWORKS FOR NON-PLMN DEVICES, AND TO ISSUES ARISING IN INTERFACES IN GENERAL BETWEEN PLMN AND NON-PLMN NETWORKS	Granted Patent	Maintenance fees: Jun 27, 2019 Jun 27, 2023	May 16, 2022
FN-28-US US 7,653,200	Jan 26, 2010	ACCESSING CELLULAR NETWORKS FROM NON-NATIVE LOCAL NETWORKS	Granted Patent	Fees on: Jul 26, 2021	Mar 13, 2023
ZFLASH-001 US US 7,873,705	Jan 18, 2011	SYSTEM AND METHOD FOR IDENTIFYING CONTENT SERVICE WITHIN CONTENT SERVER	Granted Patent	Fees on: Jul 17, 2022	Mar 12, 2024
ZFLASH-002 US US 7,995,506	Aug 9, 2011	INTEGRATING INFORMATION SERVICES THROUGH CELLULAR NETWORK	Granted Patent	No fees in 2018.	Mar 22, 2025
ZFLASH-003 US US 8,972,518	Mar 3, 2015	INTEGRATED DATA-MODEL AND FLOW BASED POLICY SYSTEM	Granted Patent	Fees on: Sep 3, 2018	Sep 20, 2027
ZFLASH-004 US US 8,869,030	Oct 21, 2014	HIERARCHICAL REPRESENTATION OF CONTEXTUAL INFORMATION	Granted Patent	Fees on: Apr 21, 2018	Sep 20, 2027
ZFLASH-005 US US 8,856,658	Oct 7, 2014	REPRESENTING USER INTERACTIONS AS A SYNCHRONOUS ACTION IN A BUSINESS PROCESS FLOW	Granted Patent	Fees on: Apr 7, 2018	Sep 20, 2027
06727/0207701-US0 Kligler MOB-05-US US 8,073,275	Dec 6, 2011	IMAGE ADAPTATION WITH TARGET SIZE, QUALITY AND RESOLUTION CONSTRAINTS	Granted Patent		Feb 5, 2026
1451-US Swirsky MOB-06-US US 8,819,143	Aug 26, 2014	PRESENTATION LAYER ADAPTATION IN MULTIMEDIA MESSAGING	Granted Patent		May 31, 2026
06727/0210203-US0 Kligler MOB-07-US US 8,145,656	Mar 27, 2012	MATCHING OF MODIFIED VISUAL AND AUDIO MEDIA	Granted Patent		Feb 4, 2027
NAPMXL-018-US Naomi Assia MOB-10-US US 8,467,457	Jun 18, 2013	SYSTEM AND METHOD FOR CONTROLLING ONE OR MORE SIGNAL SEQUENCES CHARACTERISTICS	Granted Patent		Jan 15, 2028
1039-1009.1 Kligler MOB-13-US US 8,527,649	Sep 3, 2013	MULTI-STREAM BIT RATE ADAPTATION	Granted Patent	Fees on: Mar 3, 2021 Mar 3, 2025	
1039-1011 Kligler MOB-14-US US 8,832,709	Sep 9, 2014	METHODS FOR MOBILE NETWORK OPTIMIZATION	Granted Patent	Fees on: Mar 9, 2022 Mar 9, 2026	Jul 18, 2031
1039-1012.1 Kligler MOB-15-US US 8,688,074	Apr 1, 2014	SERVICE CLASSIFICATION OF WEB TRAFFIC	Granted Patent		Feb 26, 2032
1039-1012.2 Kligler MOB-15-CON US 9,042,863	May 26, 2015	SERVICE CLASSIFICATION OF WEB TRAFFIC	Granted Patent		Feb 13, 2034

724S1100 Sprinkle MOB-18-US US 7,430,740	Sep 30, 2008	PROCESS GROUP RESOURCE MANAGER	Granted Patent		Apr 12, 2022
724S1120-1 Sprinkle MOB-20-US US 8,078,153	Dec 13, 2011	SYSTEM AND METHOD FOR DYNAMIC PROVISIONING OF CONTEXTUAL BASED IDENTITY	Granted Patent		Apr 27, 2027
724S1130-1 Sprinkle MOB-21-US US 7,805,532	Sep 28, 2010	PLATFORM FOR INTEROPERABILITY	Granted Patent		Apr 27, 2027
724S1130-2 Sprinkle MOB-22-US US 8,327,024	Dec 4, 2012	SYSTEM AND METHOD FOR SMS/IP INTEROPERABILITY	Granted Patent		Nov 9, 2027
724S1470 Sprinkle MOB-36-US US 8,886,748	Nov 11, 2014	CONTENT CAPTURE SYSTEM AND METHOD	Granted Patent	Fees on: May 11, 2018	Mar 1, 2031
06727/0208248- US0 MOB-36-US Sanford Kligler 1039/1029 US 9,247,259	Jan 26, 2016	CONTROL OF VIDEO COMPRESSION BASED ON FILE SIZE CONSTRAINT	Granted Patent	Fees on: Jul 26, 2018	Oct 10, 2027
FN-29-US US 14/852,682	Sep 14, 2015	METHOD AND SYSTEM FOR IMPLEMENTING IPv4 OR IPv6 IN A PROXY	Application	Waiting	
FN-30-US US 15/598,305	Nov 30, 2017	METHOD AND SYSTEM FOR UPLOAD OPTIMIZATION	Application	Waiting	
FN-31-US US 15/141,971	Apr 29, 2016	METHOD AND SYSTEM FOR BITRATE MANAGEMENT	Application	Waiting	
FN-32 15/342,017	Nov 2, 2016	METHOD AND SYSTEM FOR SIGNALING OPTIMIZATION OF IP CONNECTION OVER A MOBILE-RADIO NETWORK	Application	Waiting	
FN-33-US 15/902,654	Feb 22, 2018	METHOD AND SYSTEM FOR SIGNALING AND RADIO CONNECTION OPTIMIZATION OVER A CELLULAR NETWORK	Application	Waiting	
FN-34-p 06001.1360 US 15/950,157	May 9, 2017	METHOD AND SYSTEM FOR INCREASING THROUGHPUT OF A TCP/IP CONNECTION	Provisional patent application	Prepare a PCT app. before May 9, 2018.	
FN-35-P 06001.1370 US 62/699,095	Dec 15, 2017	METHOD AND SYSTEM FOR IDENTIFYING A USER OVER AN INTERNET PROTOCOL CONNECTION	Provisional patent application	Prepare a PCT app. before Dec 15, 2018.	

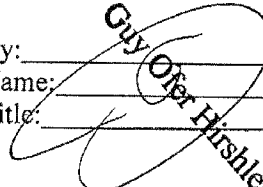

SCHEDULE B

Trademarks:

Issued Trademarks:

<u>Owner</u>	<u>Country</u>	<u>Mark</u>	<u>Appl. No./ Reg. No.</u>	<u>Filing Date/ Reg. Date</u>	<u>Class</u>
Flash Networks Ltd.	US	FLASH NETWORKS	86/742,603 4,902,012	08/31/2015 02/16/2016	9, 42
Flash Networks Ltd.	US	MOBIXELL EVO	85/404,322 4,369,143	08/23/2011 07/16/2013	9
Flash Networks Ltd.	US	SMOOTH DBRA	85/893,816 4,685,315	04/03/2013 02/10/2015	9
Flash Networks Ltd.	US	TCP BOOST	85/893,833 4,713,013	04/03/2013 03/31/2015	9
Flash Networks Ltd.	US	XTRAAIR	86/828,597 5,428,862	11/23/2015 03/20/2018	9, 42

Mizrahi Tefahot Bank, Ltd.

By: 
Name: _____
Title: _____

Hi-Tech Dept. Manager

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PATENT

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