

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6030561

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	INSTART LOGIC, INC.	02/20/2020
RECEIVING PARTY DATA		
Name:	Akamai Technologies, Inc.	
Street Address:	145 Broadway	
City:	Cambridge	
State/Country:	MASSACHUSETTS	
Postal Code:	02142	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16399563
CORRESPONDENCE DATA		
Fax Number:	(617)444-3001	
<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>		
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ATTORNEY DOCKET NUMBER:	INSTP047C1	
NAME OF SUBMITTER:	CAROL A. NICOLORA	
SIGNATURE:	/Carol A. Nicolora/	
DATE SIGNED:	03/25/2020	
Total Attachments: 17		
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PATENT ASSIGNMENT

This PATENT ASSIGNMENT is made and entered into as of February 20, 2020, by and among Akamai Technologies, Inc., a Delaware corporation (the “Assignee”), Akamai Technologies International AG, a Swiss *aktiengesellschaft*, and Instart Logic, Inc., a Delaware corporation (the “Assignor”). All capitalized words and terms used in this Patent Assignment and not otherwise defined herein shall have the respective meanings ascribed to them in the Asset Purchase Agreement dated as of the date hereof by and between Seller and Buyer (the “Agreement”).

WHEREAS, the Assignor is the owner of the Patent Rights identified on Schedule A hereto and the inventions claimed therein as well as any patents and patent applications that directly or indirectly claim priority from, form a basis for priority of, or have common priority with, the Patent Rights (collectively, the “Acquired Patents”); and

WHEREAS, pursuant to the Agreement, Assignor has agreed to sell, assign, transfer and deliver to Assignee all of Assignor’s right, title and interest in, to and under the Acquired Patents and the inventions disclosed in the Acquired Patents, free and clear of all Liens.

NOW, THEREFORE, in consideration of the mutual promises set forth in the Agreement and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignor and the Assignee hereby agree as follows:

1. The Assignor does hereby sell, assign, transfer and deliver to Assignee, and Assignee hereby accepts, all of Assignor’s right, title and interest in, to and under the Acquired Patents, the inventions disclosed in the Acquired Patents and in and to all letters patent and other Patent Rights of the United States of America and all other jurisdictions which may or shall be granted on said inventions, or any parts thereof, or any divisional, continuing, reissue or other applications based in whole or in part on said inventions or Acquired Patents, all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances related to any of the Patents, the right to claim priority under the Paris Convention, the right to enter national and regional phases in respect of international patent applications (PCT applications) and the right to recover for past, present or future infringement with respect to any of the foregoing, in each case free and clear of all Liens.

2. The Assignor does hereby request and authorize the Commissioner of Patents and Trademarks of the United States of America and all other corresponding authorities of other jurisdictions to issue letters patent on the Acquired Patents and the inventions included in the Acquired Patents to the Assignee or the Assignee’s nominee, successor or assign.

3. The Assignor agrees to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper, (a) to transfer the Acquired Patents and the inventions included in the Acquired Patents, (b) to secure the grant of letters patent on the Acquired Patents and the inventions included in the Acquired Patents, in the United States of

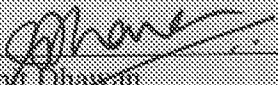
America and in all other jurisdictions, to the Assignee or the Assignee's nominee, successor or assign, and (c) to vest and confirm therein the legal title to all such Patent Rights.

4. This Patent Assignment may be executed in multiple counterparts and any Party may execute any such counterpart, each of which when executed and delivered shall be deemed to be an original and all of which counterparts taken together shall constitute but one and the same instrument. For purposes of this Patent Assignment, facsimile signatures shall be deemed originals, and the Parties hereto agree to exchange original signatures as promptly as possible.

[Signature Page Follows]

IN WITNESS WHEREOF, the parties hereto have caused this instrument to be duly executed as of the date first above written.

INSTART LOGIC, INC.

By: 

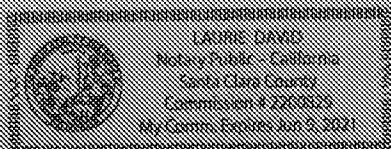
Name: Sumit Dhawan

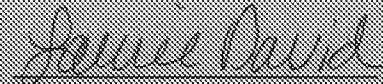
Title: Chief Executive Officer

State of California)
County of Santa Clara)

On this 14th day of February, 2020, before me, the undersigned notary public, personally appeared Sumit Dhawan, proved to me through satisfactory evidence of identification, which was CA ID F1393148, to be the person whose name is signed on the preceding document, and acknowledged to me that [he] signed it voluntarily for its stated purpose.

[affix seal]





Notary Public

My commission expires: June 9, 2021

[Signature Page to Patent Assignment]

PATENT

REEL: 052222 FRAME: 0316

IN WITNESS WHEREOF, the parties hereto have caused this instrument to be duly executed as of the date first above written.

INSTART LOGIC, INC.

By: _____
Name: _____
Title: _____

State of _____)
County of _____)

On this ____ day of _____, 2020, before me, the undersigned notary public, personally appeared _____, proved to me through satisfactory evidence of identification, which was _____, to be the person whose name is signed on the preceding document, and acknowledged to me that [he] signed it voluntarily for its stated purpose.

[affix seal]

Notary Public

My commission expires: _____

AGREED AND ACCEPTED:

AKAMAI TECHNOLOGIES, INC.

By:  _____
Name: Charlie Rice
Title: Senior Vice President, Corporate & Business Development

[Signature Page to Patent Assignment]

PATENT
REEL: 052222 FRAME: 0317

Schedule A to Patent Assignment

Jurisdiction	Status	Application No.	Filed Date	Patent No.	Owner	Granted Date	Title
United States of America	Expired	61/476,681	04/18/2011		Instart Logic, Inc.		MOBILE APPLICATION ACCELERATION
United States of America	Granted	13/233,954	09/15/2011	9,037,680	Instart Logic, Inc.	05/19/2015	APPLICATION ACCELERATION
United States of America	Expired	61/502,742	06/29/2011		Instart Logic, Inc.		APPLICATION ACCELERATION
United States of America	Granted	14/597,212	01/14/2015	9,294,581	Instart Logic, Inc.	03/22/2016	APPLICATION ACCELERATION
United States of America	Granted	15/043,380	02/12/2016	9,438,664	Instart Logic, Inc.	09/06/2016	APPLICATION ACCELERATION
United States of America	Abandoned	15/230,309	08/05/2016		Instart Logic, Inc.		APPLICATION ACCELERATION
United States of America	Granted	13/222,968	08/31/2011	9,639,629	Instart Logic, Inc.	05/02/2017	ACCELERATING THE DOWNLOADING OF CONTENT TO AN APPLICATION
United States of America	Granted	13/237,722	09/20/2011	9,521,214	Instart Logic, Inc.	12/13/2016	APPLICATION ACCELERATION WITH PARTIAL FILE CACHING
European	Allowed	12834548.5	08/23/2012		Instart Logic, Inc.		APPLICATION ACCELERATION WITH PARTIAL FILE CACHING
India	Application	526/DELNP/2014	08/23/2012		Instart Logic, Inc.		APPLICATION ACCELERATION WITH PARTIAL FILE CACHING
Patent Cooperation Treaty	Expired	PCT/US12/52162	08/23/2012		Instart Logic, Inc.		APPLICATION ACCELERATION WITH PARTIAL FILE CACHING
United States of America	Expired	61/536,922	09/20/2011		Instart Logic, Inc.		ARCHITECTURE FOR CONTENT-FORMAT AWARE PROXY-BASED SERVICES
United States of America	Cancelled				Instart Logic, Inc.		INSTANT DNS
United States of America	Granted	13/370,071	02/09/2012	8,996,661	Instart Logic, Inc.	03/31/2015	SMART PACKAGING FOR MOBILE APPLICATIONS

United States of America	Granted	14/626,351	02/19/2015	9,210,101	Instart Logic, Inc	12/08/2015	SMART PACKAGING FOR MOBILE APPLICATIONS
United States of America	Granted	14/930,550	11/02/2015	9,407,723	Instart Logic, Inc	08/02/2016	SMART PACKAGING FOR MOBILE APPLICATIONS
United States of America	Granted	15/199,738	06/30/2016	9,648,136	Instart Logic, Inc	05/09/2017	SMART PACKAGING FOR MOBILE APPLICATIONS
United States of America	Expired	61/570,729	12/14/2011		Instart Logic, Inc		PERSONALIZED CONTENT DELIVERY
United States of America	Granted	13/563,554	07/31/2012	9,253,013	Instart Logic, Inc	02/02/2016	EFFICIENT DELIVERY OF CONTENT BY VIRTUALIZATION OF DYNAMIC INTERACTION WITH THE DOCUMENT OBJECT MODEL
United States of America	Granted	14/977,294	12/21/2015	9,450,803	Instart Logic, Inc	09/20/2016	EFFICIENT DELIVERY OF CONTENT BY VIRTUALIZATION OF DYNAMIC INTERACTION WITH THE DOCUMENT OBJECT MODEL
United States of America	Abandoned	15/206,982	07/11/2016		Instart Logic, Inc		EFFICIENT DELIVERY OF CONTENT BY VIRTUALIZATION OF DYNAMIC INTERACTION WITH THE DOCUMENT OBJECT MODEL
United States of America	Granted	13/563,561	07/31/2012	9,225,583	Instart Logic, Inc	12/29/2015	EFFICIENT DELIVERY OF CONTENT BY VIRTUALIZATION OF STATIC INTERACTION WITH THE DOCUMENT OBJECT MODEL
United States of America	Granted	14/947,571	11/20/2015	9,645,984	Instart Logic, Inc	05/09/2017	EFFICIENT DELIVERY OF CONTENT BY VIRTUALIZATION OF STATIC INTERACTION WITH THE DOCUMENT OBJECT MODEL

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United States of America	Granted	13/665,723	10/31/2012	9,471,552	Instart Logic, Inc	10/18/2016	OPTIMIZATION OF SCRIPTING FOR WEB APPLICATIONS
United States of America	Published	13/836,512	03/15/2013		Instart Logic, Inc		EFFICIENT DELIVERY OF WEBPAGES
United States of America	Published	14/495,694	09/24/2014		Instart Logic, Inc		EFFICIENT DELIVERY OF WEBPAGES
United States of America	Granted	14/023,139	09/10/2013	10,187,319	Instart Logic, Inc	01/22/2019	AUTOMATIC CONFIGURATION GENERATION FOR A PROXY OPTIMIZATION SERVER FOR OPTIMIZING THE DELIVERY OF CONTENT OF A WEB PUBLISHER
United States of America	Granted	14/158,324	01/17/2014	9,560,160	Instart Logic, Inc	01/31/2017	PRIORITIZATION OF THE DELIVERY OF DIFFERENT PORTIONS OF AN IMAGE FILE
United States of America	Granted	14/075,930	11/08/2013	9,953,014	Instart Logic, Inc	04/24/2018	COLLECTION MANAGEMENT IN DOCUMENT OBJECT MODEL VIRTUALIZATION
United States of America	Abandoned	15/911,008	03/02/2018		Instart Logic, Inc		COLLECTION MANAGEMENT IN DOCUMENT OBJECT MODEL VIRTUALIZATION
United States of America	Granted	14/098,453	12/05/2013	10,009,439	Instart Logic, Inc	06/26/2018	CACHE PRELOADING
United States of America	Granted	14/206,344	03/12/2014	10,148,735	Instart Logic, Inc	12/04/2018	APPLICATION LAYER LOAD BALANCER
United States of America	Granted	14/091,794	11/27/2013	9,531,829	Instart Logic, Inc	12/27/2016	SMART HIERARCHICAL CACHE USING HTML5 STORAGE APIS
United States of America	Expired	61/898,766	11/01/2013		Instart Logic, Inc		HCACHE: A SMART HIERARCHICAL CACHE USING HTML5 STORAGE APIS
United States of America	Granted	14/146,262	01/02/2014	10,178,147	Instart Logic, Inc	01/08/2019	CLIENT-SIDE LOCATION ADDRESS TRANSLATION

United States of America	Granted	14/081,905	11/15/2013	9,697,188	Instart Logic, Inc	07/04/2017	METHOD TO ENABLE CROSS-ORIGIN RESOURCE SHARING FROM A WEBPAGE INSIDE A PRIVATE NETWORK
European	Abandoned	14192724.4	11/11/2014		Instart Logic, Inc		METHOD TO ENABLE CROSS-ORIGIN RESOURCE SHARING FROM A WEBPAGE INSIDE A PRIVATE NETWORK
United States of America	Granted	14/081,931	11/15/2013	9,697,189	Instart Logic, Inc	07/04/2017	PARTIAL WEBSITE OPTIMIZATION FOR A WEB PUBLISHER
United States of America	Granted	15/616,735	06/07/2017	10,210,145	Instart Logic, Inc	02/19/2019	PARTIAL WEBSITE OPTIMIZATION FOR A WEB PUBLISHER
European	Published	14192735	11/11/2014		Instart Logic, Inc		PARTIAL WEBSITE OPTIMIZATION FOR A WEB PUBLISHER
United States of America	Granted	14/206,458	03/12/2014	9,002,990	Instart Logic, Inc	04/07/2015	FAST CACHE PURGE IN CONTENT DELIVERY NETWORK
United States of America	Granted	14/633,861	02/27/2015	10,313,473	Instart Logic, Inc	06/04/2019	EFFICIENT PROCESSING OF PURGE REQUESTS IN CONTENT DELIVERY NETWORK
Patent Cooperation Treaty	Expired	PCT/US15/17942	02/27/2015		Instart Logic, Inc		FAST CACHE PURGE IN CONTENT DELIVERY NETWORK
United States of America	Granted	14/265,891	04/30/2014	9,507,806	Instart Logic, Inc	11/29/2016	EFFICIENT DELIVERY OF IMAGE FILES
United States of America	Granted	14/266,249	04/30/2014	9,679,075	Instart Logic, Inc	06/13/2017	EFFICIENT DELIVERY OF ANIMATED IMAGE FILES
United States of America	Cancelled				Instart Logic, Inc		LAST MILE DATA DEDUPLICATION
United States of America	Expired	61/968,216	03/20/2014		Instart Logic, Inc		LAST MILE DATA DEDUPLICATION
United States of America	Granted	14/688,861	04/16/2015	10,013,625	Instart Logic, Inc	07/03/2018	QOE-DRIVEN UNSUPERVISED IMAGE CATEGORIZATION FOR OPTIMIZED WEB DELIVERY
United States of America	Expired	61/980,319	04/16/2014		Instart Logic, Inc		QOE-DRIVEN UNSUPERVISED IMAGE CATEGORIZATION FOR OPTIMIZED WEB DELIVERY

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United States of America	Granted	14/280,413	05/16/2014	9,549,040	Instart Logic, Inc	01/17/2017	FAST CACHE PURGE OPTIMIZATION HANDLING OF UNAVAILABLE NODES
United States of America	Published	15/375,028	12/09/2016		Instart Logic, Inc		FAST CACHE PURGE OPTIMIZATION HANDLING OF UNAVAILABLE NODES
Patent Cooperation Treaty	Expired	PCT/US15/17943	02/27/2015		Instart Logic, Inc		FAST CACHE PURGE OPTIMIZATION
United States of America	Granted	14/309,492	06/19/2014	10,432,576	Instart Logic, Inc	10/01/2019	USER DEVICE TO DOMAIN NAME RESOLVER MAPPING
United States of America	Granted	14/472,201	08/28/2014	10,015,170	Instart Logic, Inc	07/03/2018	PROTECTING DELIVERED WEB DISTRIBUTED CONTENT FROM UNAUTHORIZED MODIFICATIONS
United States of America	Granted	14/550,154	11/21/2014	9,178,934	Instart Logic, Inc	11/03/2015	MODIFYING WEB CONTENT AT A CLIENT
United States of America	Granted	14/873,000	10/01/2015	9,641,591	Instart Logic, Inc	05/02/2017	MODIFYING WEB CONTENT AT A CLIENT
United States of America	Abandoned	15/463,863	03/20/2017		Instart Logic, Inc		MODIFYING WEB CONTENT AT A CLIENT
United States of America	Granted	14/550,165	11/21/2014	9,401,949	Instart Logic, Inc	07/26/2016	CLIENT WEB CONTENT CACHE PURGE
United States of America	Granted	14/550,169	11/21/2014	9,509,764	Instart Logic, Inc	11/29/2016	UPDATING CACHED WEB CONTENT
United States of America	Expired	62/042,739	08/27/2014		Instart Logic, Inc		QOE-DRIVEN UNSUPERVISED IMAGE CATEGORIZATION FOR OPTIMIZED WEB DELIVERY
United States of America	Allowed	14/731,958	06/05/2015		Instart Logic, Inc		PROGRAM CODE STREAMING
United States of America	Expired	62/048,681	09/10/2014		Instart Logic, Inc		PROGRAM CODE STREAMING
United States of America	Granted	08/861,934	05/22/1997	6,167,438	Instart Logic, Inc	12/26/2000	METHOD AND SYSTEM FOR DISTRIBUTED CACHING, PREFETCHING AND REPLICATION
United States of	Granted	09/422,950	10/22/1999	6,546,423	Instart Logic,	04/08/2003	SYSTEM AND METHOD FOR

America					Inc		NETWORK LOAD BALANCING
United States of America	Expired	62/075,013	11/04/201 4		Instart Logic, Inc		FAST, REAL-TIME, ESTIMATION OF CONTENT- SENSITIVE ENCODING QUALITY FOR OPTIMIZED WEB DELIVERY OF IMAGES
United States of America	Expired	62/075,174	11/04/201 4		Instart Logic, Inc		METHOD FOR IMPROVING APPLICATION AND DOCUMENT PERFORMANCE VIA CONTENT-AWARE CLIENT-CLOUD RESOURCE PARTITIONING AND SCHEDULING
United States of America	Granted	14/998,075	12/23/201 5	9,998,521	Instart Logic, Inc	06/12/201 8	HTML STREAMING
United States of America	Expired	62/101,134	01/08/201 5		Instart Logic, Inc		HTML STREAMING
Germany	Granted	16735522.1	01/08/201 6	3243140	Instart Logic, Inc	06/05/201 9	HTML STREAMING
European	Granted	16735522.1	01/08/201 6	3243140	Instart Logic, Inc	06/05/201 9	HTML STREAMING
European	Applicatio n	19176309.3	01/08/201 6		Instart Logic, Inc		HTML STREAMING
France	Granted	16735522.1	01/08/201 6	3243140	Instart Logic, Inc	06/05/201 9	HTML STREAMING
United Kingdom	Granted	16735522.1	01/08/201 6	3243140	Instart Logic, Inc	06/05/201 9	HTML STREAMING
Patent Cooperatio n Treaty	Expired	PCT/US16/1275 2	01/08/201 6		Instart Logic, Inc		HTML STREAMING
United States of America	Granted	14/644,791	03/11/201 5	9,298,455	Instart Logic, Inc	03/29/201 6	PROVISIONAL EXECUTION OF DYNAMIC CONTENT COMPONENT
United States of America	Expired	62/176,879	03/03/201 5		Instart Logic, Inc		PROVISIONAL EXECUTION OF DYNAMIC CONTENT COMPONENT
United States of America	Granted	15/011,878	02/01/201 6	10,091,289	Instart Logic, Inc	10/02/201 8	PROVISIONAL EXECUTION OF DYNAMIC CONTENT COMPONENT

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Patent Cooperation Treaty	Expired	PCT/US16/20479	03/02/2016		Instart Logic, Inc		PROVISIONAL EXECUTION OF DYNAMIC CONTENT COMPONENT
United States of America	Granted	14/644,802	03/11/2015	9,363,329	Instart Logic, Inc	06/07/2016	IDENTIFYING CORRELATED COMPONENTS OF DYNAMIC CONTENT
United States of America	Granted	15/144,599	05/02/2016	10,042,948	Instart Logic, Inc	08/07/2018	IDENTIFYING CORRELATED COMPONENTS OF DYNAMIC CONTENT
Patent Cooperation Treaty	Expired	PCT/US16/20483	03/02/2016		Instart Logic, Inc		IDENTIFYING CORRELATED COMPONENTS OF DYNAMIC CONTENT
United States of America	Expired	62/116,295	02/13/2015		Instart Logic, Inc		CROSS-SITE SCRIPTING PROTECTION
United States of America	Abandoned	14/814,400	07/30/2015		Instart Logic, Inc		CLIENT-SITE DOM API ACCESS CONTROL
United States of America	Expired	62/116,296	02/13/2015		Instart Logic, Inc		CLIENT-SITE ELEMENT ACCESS CONTROL
United States of America	Published	16/403,574	05/05/2019		Instart Logic, Inc		CLIENT-SITE DOM API ACCESS CONTROL
Patent Cooperation Treaty	Expired	PCT/US15/50011	09/14/2015		Instart Logic, Inc		CLIENT-SITE DOM API ACCESS CONTROL
United States of America	Expired	62/130,466	03/09/2015		Instart Logic, Inc		MECHANISM FOR MAPPING CLIENT SIDE SPATIO-TEMPORAL EVENT DISTRIBUTION TO RISK SCORES
United States of America	Abandoned	14/637,275	03/03/2015		Instart Logic, Inc		IDENTIFYING CORRELATED COMPONENTS OF DYNAMIC CONTENT
United States of America	Granted	08/982,308	12/01/1997	6,021,426	Instart Logic, Inc	02/01/2000	METHOD AND APPARATUS FOR DYNAMIC DATA TRANSFER ON A WEB PAGE
Canada	Expired	2244381	07/27/1998	2244381	Instart Logic, Inc	01/01/2002	METHOD AND APPARATUS FOR DYNAMIC DATA TRANSFER ON A WEB PAGE
Germany	Granted	98114462.9		69833899	Instart Logic, Inc	03/22/2006	METHOD AND APPARATUS FOR DYNAMIC DATA TRANSFER ON A

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							WEB PAGE
European	Granted	98114462.9	07/30/1998	898235	Instart Logic, Inc	03/22/2006	METHOD AND APPARATUS FOR DYNAMIC DATA TRANSFER ON A WEB PAGE
France	Granted			898235	Instart Logic, Inc	03/22/2006	METHOD AND APPARATUS FOR DYNAMIC DATA TRANSFER ON A WEB PAGE
United Kingdom	Granted			898235	Instart Logic, Inc	03/22/2007	METHOD AND APPARATUS FOR DYNAMIC DATA TRANSFER ON A WEB PAGE
United States of America	Granted	15/247,594	08/25/2016	10,320,934	Instart Logic, Inc	06/11/2019	ONE-TIME CACHE
United States of America	Expired	62/209,725	08/25/2015		Instart Logic, Inc		ONE-TIME CACHE
United States of America	Published	16/399,563	04/30/2019		Instart Logic, Inc		ONE-TIME CACHE
United States of America	Cancelled				Instart Logic, Inc		CLIENT SITE ACCESS CONTROL LIST FOR UI (TEMPORARY TITLE)
United States of America	Expired	62/232,306	09/24/2015		Instart Logic, Inc		METHOD FOR IMPROVING APPLICATION AND DOCUMENT PERFORMANCE VIA CONTENT-AWARE CLIENT-CLOUD RESOURCE PARTITIONING AND SCHEDULING
United States of America	Granted	15/270,956	09/20/2016	10,015,503	Instart Logic, Inc	07/03/2018	FAST, REAL-TIME, ESTIMATION OF CONTENT-SENSITIVE ENCODING QUALITY FOR OPTIMIZED WEB DELIVERY OF IMAGES
United States of America	Expired	62/232,307	09/24/2015		Instart Logic, Inc		FAST, REAL-TIME, ESTIMATION OF CONTENT-SENSITIVE ENCODING QUALITY FOR OPTIMIZED WEB DELIVERY OF IMAGES

United States of America	Published	15/079,396	03/24/2016		Instart Logic, Inc		PROTECTING CONTENT INTEGRITY
United States of America	Expired	62/222,116	09/22/2015		Instart Logic, Inc		DISABLING AD-BLOCKERS
Germany	Granted	16189939.8	09/21/2016	602016018008.1	Instart Logic, Inc	08/07/2019	CONTROLLING ACCESS TO NETWORK RESOURCES
European	Granted	16189939.8	09/21/2016	3148165	Instart Logic, Inc	08/07/2019	CONTROLLING ACCESS TO NETWORK RESOURCES
France	Granted	16189939.8	09/21/2016	3148165	Instart Logic, Inc	08/07/2019	CONTROLLING ACCESS TO NETWORK RESOURCES
United Kingdom	Granted	16189939.8	09/21/2016	3148165	Instart Logic, Inc	08/07/2019	CONTROLLING ACCESS TO NETWORK RESOURCES
Patent Cooperation Treaty	Expired	PCT/US16/53102	09/22/2016		Instart Logic, Inc		PROTECTING CONTENT INTEGRITY
United States of America	Granted	14/757,908	12/23/2015	9,813,480	Instart Logic, Inc	11/07/2017	PLACEHOLDERS FOR DYNAMIC COMPONENTS IN HTML STREAMING
United States of America	Granted	15/725,954	10/05/2017	10,382,520	Instart Logic, Inc	08/13/2019	PLACEHOLDERS FOR DYNAMIC COMPONENTS IN HTML STREAMING
United States of America	Granted	14/998,078	12/23/2015	10,425,464	Instart Logic, Inc	09/24/2019	ADAPTIVE LEARNING PERIODS IN HTML STREAMING
United States of America	Published	16/534,927	08/07/2019		Instart Logic, Inc		ADAPTIVE LEARNING PERIODS IN HTML STREAMING
United States of America	Published	15/374,645	12/09/2016		Instart Logic, Inc		PRESERVING SPECIAL CHARACTERS IN AN ENCODED IDENTIFIER
United States of America	Expired	62/279,468	01/15/2016		Instart Logic, Inc		PROTECTING CONTENT INTEGRITY
United States of America	Granted	15/412,716	01/23/2017	10,291,738	Instart Logic, Inc	05/14/2019	SPECULATIVE PREFETCH OF RESOURCES ACROSS PAGE LOADS
United States of America	Expired	62/281,666	01/21/2016		Instart Logic, Inc		SPECULATIVE PREFETCH OF RESOURCES ACROSS PAGE LOADS

United States of America	Published	16/367,057	03/27/2019		Instart Logic, Inc		SPECULATIVE PREFETCH OF RESOURCES ACROSS PAGE LOADS
United States of America	Expired	61/724,275	11/08/2012		Instart Logic, Inc		METHOD & APPARATUS FOR IMPROVING THE PERFORMANCE OF TCP AND OTHER NETWORK PROTOCOLS IN A COMMUNICATIONS NETWORK
European	Abandoned	13853421.9	11/06/2013		Instart Logic, Inc		PERFORMANCE IMPROVEMENT OF NETWORK PROTOCOLS USING PROXY SERVERS
Patent Cooperation Treaty	Expired	PCT/US13/68820	11/06/2013		Instart Logic, Inc		PERFORMANCE IMPROVEMENT OF NETWORK PROTOCOLS USING PROXY SERVERS
United States of America	Granted	14/400,325	11/06/2013	9,537,611	Instart Logic, Inc	01/03/2017	METHOD & APPARATUS FOR IMPROVING THE PERFORMANCE OF TCP AND OTHER NETWORK PROTOCOLS IN A COMMUNICATIONS NETWORK USING PROXY SERVERS
United States of America	Expired	61/820,682	05/07/2013		Instart Logic, Inc		METHOD & IMPLEMENTATION FOR NETWORK CODING COEFFICIENTS SELECTION
European	Abandoned	13853443.3	11/07/2013		Instart Logic, Inc		METHOD & APPARATUS FOR IMPROVING THE PERFORMANCE OF TCP AND OTHER NETWORK PROTOCOLS IN A COMMUNICATIONS NETWORK
Patent Cooperation Treaty	Expired	PCT/US13/69018	11/07/2013		Instart Logic, Inc		METHOD & APPARATUS FOR IMPROVING THE PERFORMANCE OF TCP AND OTHER NETWORK PROTOCOLS IN A COMMUNICATIONS NETWORK

United States of America	Granted	14/400,541	11/11/2014	9,515,775	Instart Logic, Inc	12/06/2016	METHOD & APPARATUS FOR IMPROVING THE PERFORMANCE OF TCP AND OTHER NETWORK PROTOCOLS IN A COMMUNICATION NETWORK
United States of America	Granted	14/538,793	11/11/2014	9,258,084	Instart Logic, Inc	02/09/2016	METHOD & IMPLEMENTATION FOR NETWORK COEFFICIENTS SELECTION
United States of America	Expired	61/867,583	08/19/2013		Instart Logic, Inc		METHOD AND APPARATUS FOR IMPROVING THE PERFORMANCE OF TCP AND OTHER NETWORK PROTOCOLS IN A COMMUNICATIONS NETWORK USING PROXY SERVERS
United States of America	Expired	61/953,713	03/14/2014		Instart Logic, Inc		METHOD & IMPLEMENTATION OF ZERO OVERHEAD RATE CONTROLLED INFORMATION TRANSMISSION VIA DIGITAL COMMUNICATION LINK
Patent Cooperation Treaty	Expired	PCT/US14/51563	08/18/2014		Instart Logic, Inc		METHOD & IMPLEMENTATION OF ZERO OVERHEAD RATE CONTROLLED (ZORC) INFORMATION TRANSMISSION VIA DIGITAL COMMUNICATION LINK
United States of America	Granted	14/912,892	08/18/2014	9,948,565	Instart Logic, Inc	04/17/2018	METHOD & IMPLEMENTATION OF ZERO OVERHEAD RATE CONTROLLED (ZORC) INFORMATION TRANSMISSION VIA DIGITAL COMMUNICATION LINK
United States of America	Expired	62/312,859	03/24/2016		Instart Logic, Inc		SAFE AND PERFORMANT THIRD PARTY

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							RESOURCE INTERCEPTION
United States of America	To Be Issued	15/492,965	04/20/2017	10,516,684	Instart Logic, Inc	12/24/2019	RECOMMENDING AND PRIORITIZING COMPUTER LOG ANOMALIES
United States of America	Expired	62/325,928	04/21/2016		Instart Logic, Inc		PRIORITIZING LOG ANOMALY ALERTS AND GENERATING RECOMMENDATIONS
United States of America	Expired	62/412,623	10/25/2016		Instart Logic, Inc		DETECTING BLOCKED RESOURCES
United States of America	Application	15/724,963	10/04/2017		Instart Logic, Inc		DELIVERY AND ACCELERATION WITH LOCALIZED SOURCE IP ADDRESSES WITHOUT RELIANCE ON CLIENT HEADERS
United States of America	Expired	62/405,136	10/06/2016		Instart Logic, Inc		DELIVERY AND ACCELERATION WITH LOCALIZED SOURCE IP ADDRESSES WITHOUT RELIANCE ON CLIENT HEADERS
United States of America	Expired	62/417,847	11/04/2016		Instart Logic, Inc		LOADING JAVASCRIPT ASYNCHRONOUSLY
United States of America	Granted	15/405,082	01/12/2017	10,474,729	Instart Logic, Inc	11/12/2019	DELAYED ENCODING OF RESOURCE IDENTIFIERS
United States of America	Application	16/561,522	09/05/2019		Instart Logic, Inc		DELAYED ENCODING OF RESOURCE IDENTIFIERS
United States of America	Published	15/405,084	01/12/2017		Instart Logic, Inc		INTERCEPTING NOT DIRECTLY INTERCEPTABLE PROGRAM OBJECT PROPERTY
Patent Cooperation Treaty	Expired	PCT/US17/13321	01/13/2017		Instart Logic, Inc		INTERCEPTING NOT DIRECTLY INTERCEPTABLE PROGRAM OBJECT PROPERTY
United States of America	Published	15/405,087	01/12/2017		Instart Logic, Inc		WEB COOKIE VIRTUALIZATION

Patent Cooperation Treaty	Expired	PCT/US17/13322	01/13/2017		Instart Logic, Inc	WEB COOKIE VIRTUALIZATION
United States of America	Application	15/924,067	03/16/2018		Instart Logic, Inc	VIDEO AS TRANSPORT MECHANISM FOR DELIVERY OF WEB ASSETS
United States of America	Expired	62/473,891	03/20/2017		Instart Logic, Inc	VIDEO AS TRANSPORT MECHANISM FOR DELIVERY OF WEB ASSETS
United States of America	Expired	62/649,408	03/28/2018		Instart Logic, Inc	CONFIGURATION TRANSFORMATION MICROSERVICE
United States of America	Application	16/374,573	04/03/2019		Instart Logic, Inc	CONFIGURATION TRANSFORMATION AND DELIVERY
United States of America	Expired	62/651,935	04/03/2018		Instart Logic, Inc	CONFIGURATION TRANSFORMATION MICROSERVICE
United States of America	Published	16/430,054	06/03/2019		Instart Logic, Inc	THIRD-PARTY AD ACCELERATION
United States of America	Expired	62/680,346	06/04/2018		Instart Logic, Inc	DELIVERY OF THIRD PARTY TAGS IN A WEB APPLICATION
Patent Cooperation Treaty	Application	PCT/US19/35411	06/04/2019		Instart Logic, Inc	THIRD-PARTY AD ACCELERATION
United States of America	Application	16/374,581	04/03/2019		Instart Logic, Inc	CONFIGURATION TRANSFORMATION AND DELIVERY
United States of America	To Be Filed				Instart Logic, Inc	DOCUMENT OBJECT MODEL ENCRYPTION
United States of America	Application	62/891,103	08/23/2019		Instart Logic, Inc	DOCUMENT OBJECT MODEL ENCRYPTION
United States of America	To Be Filed				Instart Logic, Inc	VPN-LESS ACCESS OF INTERNAL APPLICATIONS
United States of America	Application	62/850,761	05/21/2019		Instart Logic, Inc	VPN-LESS ACCESS OF INTERNAL APPLICATIONS