

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
SAFFRON TECHNOLOGY, INC.		10/23/2015
RECEIVING PARTY DATA		
Name:	INTEL CORPORATION	
Street Address:	2200 MISSION COLLEGE BLVD.	
City:	SANTA CLARA	
State/Country:	CALIFORNIA	
Postal Code:	95054	
PROPERTY NUMBERS Total: 38		
Property Type	Number	
Application Number:	09436925	
PCT Number:	US2000025604	
Application Number:	60311316	
Application Number:	10216341	
PCT Number:	US2002025454	
Application Number:	60537460	
Application Number:	11036641	
Application Number:	11035472	
Application Number:	12341058	
Application Number:	10980520	
Application Number:	12329239	
Application Number:	60635746	
Application Number:	11196871	
PCT Number:	US2006029838	
Application Number:	12477205	
Application Number:	60707272	
Application Number:	11463448	
Application Number:	11960292	
Application Number:	11426520	
PCT Number:	US2007014672	

PATENT

Property Type	Number
Application Number:	60974860
Application Number:	12237624
Application Number:	61059466
Application Number:	12478380
PCT Number:	US2009003435
Application Number:	61176282
Application Number:	12775539
PCT Number:	US2010033952
Application Number:	13683279
Application Number:	61896258
Application Number:	14522956
PCT Number:	US2014062140
Application Number:	61904835
Application Number:	14541229
PCT Number:	US2014065608
Application Number:	61979601
Application Number:	14687063
PCT Number:	IB2015052757

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2015-000869 SAFFRON
NAME OF SUBMITTER:	JENNY KATHMAN
SIGNATURE:	/JENNY KATHMAN/
DATE SIGNED:	03/16/2016

Total Attachments: 7

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Patent Assignment

Saffron Technology, Inc., a Delaware corporation ("Assignor") is the sole owner of the patents and patent applications listed in Schedule 1 hereto (collectively the "Patents"); and

Intel Corporation, a Delaware corporation ("Buyer") desires to acquire all right, title and interest in the Patents and the related rights described below.

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and convey to Buyer and its successors and assigns all right, title and interest that may exist today and in the future to any and all:

- (1) Patents;
- (2) patents and patent applications to which any of the patents or patent applications listed in Schedule 1 directly or indirectly claims, or forms the basis for, priority anywhere in the world;
- (3) reissues, reexaminations, extensions, continuations, continuations-in-part, continuing prosecution applications and divisions of any of the items listed in (1) or (2) of this Assignment;
- (4) foreign counterparts to any of the items listed in (1), (2) or (3) of this Assignment, including utility models, inventors' certificates, industrial design protection and any other form of governmental grants or issuances for the protection of inventions, designs or discoveries;
- (5) inventions, invention disclosures, designs and discoveries described in the items listed in (1) through (4) of this Assignment;
- (6) patents that issue from any of the items listed in (1) through (5) of this Assignment;
- (7) claims, causes of action and enforcement rights of any kind, whether currently pending, filed or otherwise, and whether known or unknown, under or arising from any of the items listed in (1) through (6) of this Assignment, including all rights to pursue and collect damages, costs, injunctive relief and other remedies for past, current or future infringement of the Patents and including rights afforded under 35 U.S.C. § 154(d);
- (8) royalties, income and other payments due as of the date hereof or hereafter under or arising from any of the items listed in (1) through (7) of this Assignment; and
- (9) rights to apply for, file, register, maintain, extend and renew in any or all countries of the world patents, certificates of invention, utility models, industrial design protection, design patent protection and other governmental grants or issuances of

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any kind related to any of the items listed in (1) through (9) of this Assignment.

Assignor shall execute and deliver any instruments, and do and perform any other acts and things as may be reasonably necessary or desirable for effecting and evidencing the assignments contemplated hereby, including the execution, acknowledgment and recordation of any instruments.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks and any other patent office to issue any and all patents, utility models or other governmental grants or issuances pertaining to any of the items assigned hereunder in the name of Buyer.

This Assignment will inure to the benefit of Buyer and its successors, assigns and other legal representatives and is binding upon Assignor and its successors, assigns, heirs and legal representatives.

Assignor, by its duly authorized representative, has executed this Assignment on the date set forth below.

DATE: October 23, 2015

SATTROM TECHNOLOGY

By:

Gayle Sheppard

Printed/Typed Name

Title:

CEO

Signature

Gayle Sheppard

ACCEPTED:

DATE: Nov 11, 2015

Intel Corporation

By:

Susan Giordano

Printed/Typed Name

Title:

MANAGING DIRECTOR, INTEL IN-HOUSE LEGAL

Signature

Susan Giordano

PATENT

REEL: 038118 FRAME: 0667

Schedule 1

Intel Matter # Assigned	Title (in CAPS)	City of Filing	Serial #	Filing Date	Issued Patent #	Issue Date	Status
P92088	ARTIFICIAL NEURONS INCLUDING POWER SERIES OF WEIGHTS AND COUNTS THAT REPRESENT PRIOR AND NEXT ASSOCIATION	US	09/436,925	11/8/1999	6,581,049	6/17/2003	GRANTED
P92088 PCT	ARTIFICIAL NEURONS INCLUDING POWER SERIES OF WEIGHTS AND COUNTS THAT REPRESENT PRIOR AND NEXT ASSOCIATIONS	WO	PCT/US2000/02560 4	9/19/2000	n/a	n/a	EXPIRED
P92088EP	ARTIFICIAL NEURONS INCLUDING POWER SERIES OF WEIGHTS AND COUNTS THAT REPRESENT PRIOR AND NEXT ASSOCIATIONS	EP	EP20000966748	9/19/2000 Entry Date: 5/3/2002	n/a	n/a	PENDING
P92088JP	ARTIFICIAL NEURONS INCLUDING POWER SERIES OF WEIGHTS AND COUNTS THAT REPRESENT PRIOR AND NEXT ASSOCIATIONS	JP	2001-536995	9/19/2000 Entry Date: 5/8/2002	n/a	n/a	PENDING
P92088JP-D	ARTIFICIAL NEURONS INCLUDING POWER SERIES OF WEIGHTS AND COUNTS THAT REPRESENT PRIOR AND NEXT ASSOCIATIONS	JP	2009-183422	8/6/2009	5249155	4/19/2013	GRANTED
P92148Z	COMPRESSION OF POWER SERIES OF WEIGHTS AND COUNTS THAT REPRESENT ROW AND COLUMN ASSOCIATIONS	US	60/311,316	8/10/2001	n/a	n/a	EXPIRED
P92148	ARTIFICIAL NEURONS INCLUDING WEIGHTS THAT DEFINE MAXIMAL PROJECTIONS	US	10/216,341	8/9/2002	7,016,886	3/21/2006	GRANTED
P92148PCT	ARTIFICIAL NEURONS INCLUDING WEIGHTS THAT DEFINE MAXIMAL PROJECTIONS	WO	PCT/US2002/02545 4	8/9/2002	n/a	n/a	EXPIRED
P92148EP	ARTIFICIAL NEURONS INCLUDING WEIGHTS THAT DEFINE MAXIMAL PROJECTIONS	DE	02757068.8	8/9/2002	602 45 861.7	12/18/2013	GRANTED
P92148JP	ARTIFICIAL NEURONS INCLUDING WEIGHTS THAT DEFINE MAXIMAL PROJECTIONS	EP	02757068.8	8/9/2002 Entry Date:	1415273	12/18/2013	GRANTED
P92148DE	ARTIFICIAL NEURONS INCLUDING WEIGHTS THAT DEFINE MAXIMAL PROJECTIONS	FR	02757068.8	8/9/2002	1415273	12/18/2013	GRANTED
P92148FR	ARTIFICIAL NEURONS INCLUDING WEIGHTS THAT DEFINE MAXIMAL PROJECTIONS	GB	02757068.8	8/9/2002	1415273	12/18/2013	GRANTED
P92148GB	ARTIFICIAL NEURONS INCLUDING WEIGHTS THAT DEFINE MAXIMAL PROJECTIONS	JP	2003-519880	8/9/2002 Entry Date:	n/a	n/a	ABANDONED
P92148JP-D	ARTIFICIAL NEURONS INCLUDING WEIGHTS THAT DEFINE MAXIMAL PROJECTIONS	JP	2009-183637	8/6/2009	5380196	10/4/2013	GRANTED
P93239Z	DISTANCE-BASED SPATIAL REPRESENTATION AND PREDICTION SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR	US	60/537,460	1/16/2004	n/a	n/a	EXPIRED

P93239	DISTANCE-BASED SPATIAL REPRESENTATION AND PREDICTION SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR	US	11/036,641	1/14/2005	7,574,416	8/11/2009	GRANTED
P93240	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR ANALOGY DETECTION AMONG ENTITIES USING	US	11/035,472	1/14/2005	7,478,090	1/13/2009	GRANTED
P93240C	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR ANALOGY DETECTION AMONG ENTITIES USING	US	12/341,058	12/22/2008	8,972,339	3/3/2015	GRANTED
P93241	NETWORK OF NETWORKS OF ASSOCIATIVE MEMORY NETWORKS	US	10/980,520	11/3/2004	7,478,192	1/13/2009	GRANTED
P93241D	NETWORK OF NETWORKS OF ASSOCIATIVE MEMORY NETWORKS FOR KNOWLEDGE MANAGEMENT	US	12/329,239	12/5/2008	7,774,291	8/10/2010	GRANTED
P93252Z	DISCOVERY-BASED COMPENSATION FOR KNOWLEDGE EXCHANGE	US	60/635,746	12/14/2004	n/a	n/a	EXPIRED
P93253	ASSOCIATIVE MATRIX METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS USING BIT PLANE REPRESENTATION OF SELECTED	US	11/196,871	8/4/2005	7,565,491	7/21/2009	GRANTED
P93253PCT	ASSOCIATIVE MATRIX METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS USING BIT PLANE REPRESENTATION OF SELECTED	WO	PCT/US2006/029838	7/31/2006	n/a	n/a	EXPIRED
P93253EP	ASSOCIATIVE MATRIX METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS USING BIT PLANE REPRESENTATION OF SELECTED	EP	06789052.5	7/31/2006 Entry Date: 1/22/2008	n/a	n/a	PENDING
P93253JP	ASSOCIATIVE MATRIX METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS USING BIT PLANE REPRESENTATION OF SELECTED	JP	2008-525098	7/31/2006 Entry Date: 4/4/2008	5235666	4/5/2013	GRANTED
P93253KR	ASSOCIATIVE MATRIX METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS USING BIT PLANE REPRESENTATION OF SELECTED	KR	10-2008-7005305	7/31/2006 Entry Date: 3/3/2008	1488010	1/23/2015	GRANTED
P93253D	ASSOCIATIVE MATRIX METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS USING BIT PLANE REPRESENTATION OF SELECTED	US	12/477,205	6/3/2009	7,908,438	3/15/2011	GRANTED
P93290Z	IN-THE-LOOP NOVELTY DETECTION SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR REAL-TIME DIAGNOSTICS AND PROGNOSTICS IN COMPLEX PHYSICAL SYSTEMS	US	60/707,272	8/11/2005	n/a	n/a	EXPIRED

P93290	NOVELTY DETECTION SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR REAL-TIME DIAGNOSTICS/PROGNOSTICS IN COMPLEX PHYSICAL SYSTEMS	US	11/463,448	8/9/2006	7,333,917	2/19/2008	GRANTED
P93290C	NOVELTY DETECTION SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR REAL-TIME DIAGNOSTICS/PROGNOSTICS IN COMPLEX PHYSICAL SYSTEMS	US	11/960,292	12/19/2007	n/a	n/a	ABANDONED
P93291	NONLINEAR ASSOCIATIVE MEMORIES USING LINEAR ARRAYS OF ASSOCIATIVE MEMORY CELLS, AND METHODS OF OPERATING SAME	US	11/426,520	6/26/2006	7,657,496	2/2/2010	GRANTED
P93291PCT	NONLINEAR ASSOCIATIVE MEMORIES USING LINEAR ARRAYS OF ASSOCIATIVE MEMORY CELLS, AND METHODS OF OPERATING SAME	WO	PCT/US2007/01467 2	6/25/2007	n/a	n/a	EXPIRED
P93291	NONLINEAR ASSOCIATIVE MEMORIES USING LINEAR ARRAYS OF ASSOCIATIVE MEMORY CELLS, AND METHODS OF OPERATING SAME	DE	07809846.4	6/25/2007	60 2007 003 599.6	12/2/2009	GRANTED
P93291EP	NONLINEAR ASSOCIATIVE MEMORIES USING LINEAR ARRAYS OF ASSOCIATIVE MEMORY CELLS, AND METHODS OF OPERATING SAME	EP	07809846.4	6/25/2007 Entry Date: 1/5/2009	2033194	12/2/2009	GRANTED
P93291	NONLINEAR ASSOCIATIVE MEMORIES USING LINEAR ARRAYS OF ASSOCIATIVE MEMORY CELLS, AND METHODS OF OPERATING SAME	FR	07809846.4	6/25/2007	2033194	12/2/2009	GRANTED
P93291	NONLINEAR ASSOCIATIVE MEMORIES USING LINEAR ARRAYS OF ASSOCIATIVE MEMORY CELLS, AND METHODS OF OPERATING SAME	GB	07809846.4	6/25/2007	2033194	12/2/2009	GRANTED
P93291JP	NONLINEAR ASSOCIATIVE MEMORIES USING LINEAR ARRAYS OF ASSOCIATIVE MEMORY CELLS, AND METHODS OF OPERATING SAME	JP	2009-518195	6/25/2007 Entry Date: 2/26/2009	5592109	8/8/2014	GRANTED
P93317Z	ASSOCIATIVE MEMORY OPERATORS FOR EVENT-BASED ANTICIPATION	US	60/974,860	9/25/2007	n/a	n/a	EXPIRED
P93317	EVENT-BASED ANTICIPATION SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR ASSOCIATIVE MEMORIES WHEREIN TIMES OF FUTURE EVENTS OCCURRING ARE PREDICTED	US	12/237,624	9/25/2008	8,160,981	4/17/2012	GRANTED
P93324Z	USING DISTRIBUTED ASSOCIATIVE MEMORY OPERATORS IN A SOCIAL NETWORK FOR PREDICTIVE MARKETING ANALYSIS	US	61/059,466	6/6/2008	n/a	n/a	EXPIRED
P93324	ASSOCIATIVE MEMORY OPERATORS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR USING A SOCIAL NETWORK FOR PREDICTIVE MARKETING ANALYSIS	US	12/478,380	6/4/2009	n/a	n/a	PENDING

P93324PCT	ASSOCIATIVE MEMORY OPERATORS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR USING A SOCIAL NETWORK FOR PREDICTIVE MARKETING ANALYSIS	WO	PCT/US2009/00343 5	6/5/2009	n/a	n/a	EXPIRED
P93325Z	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A DISTRIBUTED ASSOCIATIVE MEMORY BASE FOR FAST AND FLEXIBLE EXPLOITATION	US	61/176,282	6/2/2009	n/a	n/a	EXPIRED
P93325	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A DISTRIBUTED ASSOCIATIVE MEMORY BASE	US	12/775,539	5/7/2010	8,352,488	1/8/2013	GRANTED
P93325PCT	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A DISTRIBUTED ASSOCIATIVE MEMORY BASE	WO	PCT/US2010/03395 2	5/7/2010	n/a	n/a	EXPIRED
P93325EP	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A DISTRIBUTED ASSOCIATIVE MEMORY BASE	EP	10783762.7	5/7/2010 Entry Date: 11/10/2011	n/a	n/a	PENDING
P93325JP	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A DISTRIBUTED ASSOCIATIVE MEMORY BASE	JP	2012-513958	5/7/2010 Entry Date: 1/30/2012	n/a	n/a	PENDING
P93325KR	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A DISTRIBUTED ASSOCIATIVE MEMORY BASE	KR	10-2011-7029003	5/7/2010 Entry Date: 12/2/2011	n/a	n/a	PENDING
P93325D	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A DISTRIBUTED ASSOCIATIVE MEMORY BASE	US	13/683,279	11/21/2012	8,909,609	12/9/2014	GRANTED
P93331Z	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR USING A DISTRIBUTED ASSOCIATIVE MEMORY BASE TO DETERMINE DATA CORRELATIONS AND	US	61/896,258	10/28/2013	n/a	n/a	EXPIRED
P93331	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR USING A DISTRIBUTED ASSOCIATIVE MEMORY BASE TO DETERMINE DATA CORRELATIONS AND	US	14/522,956	10/24/2014	n/a	n/a	PENDING
P93331PCT	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR USING A DISTRIBUTED ASSOCIATIVE MEMORY BASE TO DETERMINE DATA CORRELATIONS AND	WO	PCT/US2014/06214 0	10/24/2014	n/a	n/a	PENDING
P93343Z	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR USING A DISTRIBUTED ASSOCIATIVE MEMORY BASE TO CLASSIFY DATA BASED ON DATA	US	61/904,835	11/15/2013	n/a	n/a	EXPIRED

P93343	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR USING A DISTRIBUTED ASSOCIATIVE MEMORY BASE TO CLASSIFY DATA BASED ON DATA	US	14/541,229	11/14/2014	n/a	n/a	PENDING
P93343PCT	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR USING A DISTRIBUTED ASSOCIATIVE MEMORY BASE TO CLASSIFY DATA BASED ON DATA	WO	PCT/US2014/06560 8	11/14/2014	n/a	n/a	PENDING
P93349Z	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR USING A DISTRIBUTED ASSOCIATIVE MEMORY BASE TO CLASSIFY DATA BASED ON DATA	US	61/979,601	4/15/2014	n/a	n/a	EXPIRED
P93349	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR NEUROMORPHIC GRAPH COMPRESSION USING ASSOCIATIVE MEMORIES	US	14/687,063	4/15/2015	n/a	n/a	PENDING
P93349PCT	METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR NEUROMORPHIC GRAPH COMPRESSION USING ASSOCIATIVE MEMORIES	WO	PCT/IB2015/052757	4/15/2015	n/a	n/a	PENDING

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RECORDED: 03/16/2016