

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5794083

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	XCELSIS CORPORATION	11/29/2018
RECEIVING PARTY DATA		
Name:	PERCEIVE CORPORATION	
Street Address:	3025 ORCHARD PARKWAY	
City:	SAN JOSE	
State/Country:	CALIFORNIA	
Postal Code:	95134	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16591591
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:	patentlegal@xperi.com	
Correspondent Name:	XPERI CORPORATION	
Address Line 1:	3025 ORCHARD PARKWAY	
Address Line 4:	SAN JOSE, CALIFORNIA 95134	
ATTORNEY DOCKET NUMBER:	PE001-0021-US-06	
NAME OF SUBMITTER:	JENNIFER KOSTIC	
SIGNATURE:	/JENNIFER KOSTIC/	
DATE SIGNED:	10/29/2019	
Total Attachments: 5		
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DEED OF ASSIGNMENT

THIS DEED OF ASSIGNMENT ("Assignment"), EFFECTIVE AS OF Dec. 1, 2018, IS MADE BY AND BETWEEN

Xcelsis Corporation (hereinafter "ASSIGNOR"), a Delaware corporation with its principal place of business located at 3025 Orchard Parkway, San Jose, CA 95134, and

Perceive Corporation (hereinafter "ASSIGNEE"), a Delaware corporation with its principal place of business located at 3025 Orchard Parkway, San Jose, CA 95134.

WHEREAS:

A ASSIGNOR is the sole owner in respect of the patents and patent applications listed in the attached Appendix (hereinafter "the PATENTS"); and

B ASSIGNEE is desirous of acquiring all of the worldwide right, title and interest in and to the PATENTS.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and does hereby sell, assign and transfer to ASSIGNEE all of the worldwide right, title and interest in (i) the PATENTS, including all rights of priority; (ii) all reissues, divisionals, continuations, continuations-in-part, extensions, renewals, and reexaminations and foreign counterparts thereof, and other patents, patent applications, certificates of invention and other governmental grants, including statutory invention registrations resulting from the PATENTS; (iii) all items in any of the foregoing categories, whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like, (iv) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial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 of any type related to any item in any of the foregoing categories, including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding, (v) all worldwide legal rights, whether or not filed, perfected, registered or recorded, that may exist under the laws of any jurisdiction to and under such PATENTS, including the right and power to assert, defend and recover title to and collect damages for any past, present or future infringement, misappropriation, impairment or unauthorized use of the PATENTS, the right and power to exclude others from practicing the PATENTS, and the right and power to seek temporary restraining orders, preliminary and permanent injunctions and other equitable relief for infringement or misappropriation of the PATENTS and (vi) all claims for royalties and other payments, accounting and information, and other secondary claims arising out of the past and current infringement, the same to be held and enjoyed by ASSIGNEE for its own use and enjoyment, and for the use and enjoyment of its successors, assigns and other legal representatives, to the end of the term or terms of said PATENTS granted or reissued or reexamined as fully and entirely as the same would have been held and enjoyed by ASSIGNOR, if this assignment and sale had not been made. ASSIGNOR also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the PATENTS in the name of ASSIGNEE, as the assignee to the entire interest therein.

IN WITNESS WHEREOF, ASSIGNOR has caused these presents to be signed by its duly appointed officer having full authority to convey its property.

And if the issue date and/or patent number of any of the PATENTS is unknown to ASSIGNOR and ASSIGNEE at the time this Assignment is executed, ASSIGNOR does hereby authorize its attorneys to insert on this Assignment the issue date and patent number of said any patent when known.

ASSIGNOR hereby declares that ASSIGNEE may take the steps for recordal of this assignment in the sole name of ASSIGNEE.

SIGNED for and on behalf of ASSIGNOR

By

(Signature)

on

(Date)

(Print Name and Title)

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of

County of

On

before me,

Jennifer Kostic, Notary Public

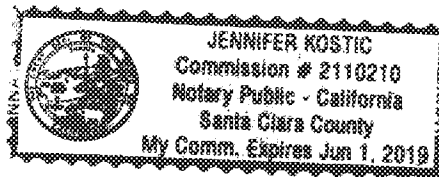
personally appeared

Paul Davis, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Notary Public)



SIGNED for and on behalf of ASSIGNEE

By

(Signature)

on

(Date)

(Print Name and Title)

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of

County of

On

before me,

Jennifer Kostic, Notary Public

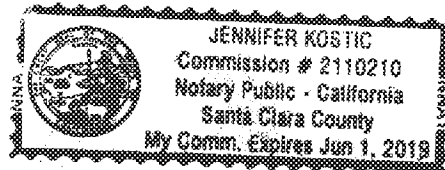
personally appeared

Steven Teig, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Notary Public)



IDENTIFIED PATENTS AND PATENT APPLICATIONS

Date Format (MM/DD/YYYY)

1. United States Patent Applications

Application Number	Filing Date	Title	Docket Number
15/224,632	07/31/2016	MITIGATING OVERFITTING IN TRAINING MACHINE TRAINED NETWORKS	XC001-0001-US-02
15/231,787	08/09/2016	MACHINE LEARNING THROUGH MULTIPLE LAYERS OF NOVEL MACHINE TRAINED PROCESSING NODES	XC001-0002-US-03
15/231,789	08/09/2016	MACHINE LEARNING THROUGH MULTIPLE LAYERS OF NOVEL MACHINE TRAINED PROCESSING NODES	XC001-0002-US-02
15/396,267	12/30/2016	CONFIGURABLE MACHINE LEARNING ASSEMBLIES FOR AUTONOMOUS OPERATION IN PERSONAL DEVICES	XC001-0003-US-02
15/671,105	08/07/2017	MACHINE TRAINED PROCESSING NETWORK OPERATING IN THE FREQUENCY DOMAIN	XC001-0004-US-02
15/815,222	11/16/2017	TRAINING NETWORK WITH DISCRETE WEIGHT VALUES	XC001-0013-US-02
15/815,235	11/16/2017	DEVICE STORING MULTIPLE SETS OF PARAMETERS FOR MACHINE-TRAINED NETWORK	XC001-0013-US-03
15/815,251	11/16/2017	DEVICE STORING TERNARY WEIGHT PARAMETERS FOR MACHINE-TRAINED NETWORK	XC001-0013-US-04
15/825,030	11/28/2017	TRAINING NETWORK TO MINIMIZE WORST-CASE ERROR	XC001-0006-US-02
15/836,676	12/08/2017	MACHINE TRAINED NETWORK USING NOVEL CODING TECHNIQUES	XC001-0007-US-02
15/836,694	12/08/2017	MACHINE TRAINED NETWORK USING NOVEL CODING TECHNIQUES	XC001-0007-US-03
15/869,990	01/12/2018	MACHINE-TRAINED NETWORK FOR MISALIGNMENT-INSENSITIVE DEPTH PERCEPTION	XC001-0021-US-02
15/870,020	01/12/2018	USE OF MACHINE-TRAINED NETWORK FOR MISALIGNMENT-INSENSITIVE DEPTH PERCEPTION	XC001-0021-US-03

Application Number	Filing Date	Title	Docket Number
15/870,046	01/12/2018	USE OF MACHINE-TRAINED NETWORK FOR MISALIGNMENT IDENTIFICATION	XC001-0021-US-04
15/870,070	01/12/2018	DYNAMIC GENERATION OF DATA SETS FOR TRAINING MACHINE-TRAINED NETWORK	XC001-0021-US-05
15/901,456	02/21/2018	USING BATCHES OF TRAINING ITEMS FOR TRAINING A NETWORK	XC001-0020-US-02
15/901,459	02/21/2018	PROBABILISTIC LOSS FUNCTION FOR TRAINING NETWORK WITH TRIPLETS	XC001-0020-US-03
15/921,622	03/14/2018	TRAINING SPARSE NETWORKS WITH DISCRETE WEIGHT VALUES	XC001-0035-US-02
15/921,630	03/14/2018	TRAINING NETWORK TO MINIMIZE WORST CASE SURPRISE	XC001-0029-US-03
15/921,633	03/14/2018	TRAINING NETWORK WITH BATCHES OF INPUT INSTANCES	XC001-0029-US-01
15/921,634	03/14/2018	TRAINING NETWORK TO MAXIMIZE TRUE POSITIVE RATE AT LOW FALSE POSITIVE RATE	XC001-0029-US-02
16/120,386	09/03/2018	REDUCED-AREA CIRCUIT FOR DOT PRODUCT COMPUTATION	XC001-0030-US-04
16/120,387	09/03/2018	REDUCED DOT PRODUCT COMPUTATION CIRCUIT	XC001-0030-US-03
62/199,560	07/31/2015	TECHNIQUE FOR MITIGATING OVERFITTING IN NEURAL NETWORKS	XC001-0001-US-01
62/295,110	02/14/2016	MACHINE LEARNING THROUGH MULTIPLE LAYERS OF NOVEL MACHINE TRAINED PROCESSING NODES	XC001-0002-US-01
62/365,253	07/21/2016	MACHINE LEARNING APPARATUSES, SYSTEMS, ASSEMBLIES AND METHODS	XC001-0003-US-01
62/372,182	08/08/2016	MACHINE TRAINED PROCESSING NETWORK OPERATING IN THE FREQUENCY DOMAIN	XC001-0004-US-01
62/427,739	11/29/2016	MACHINE TRAINED NETWORK	XC001-0006-US-01

Application Number	Filing Date	Title	Docket Number
62/431,478	12/08/2016	MACHINE TRAINED NETWORK USING NOVEL CODING TECHNIQUES	XC001-0007-US-01
62/492,940	05/01/2017	MACHINE-TRAINED NETWORK WITH DISCRETE WEIGHT VALUES	XC001-0013-US-01
62/599,013	12/14/2017	USING TRIPLETS TO TRAIN A NETWORK	XC001-0020-US-01
62/611,923	12/29/2017	MACHINE-TRAINED NETWORK FOR MISALIGNMENT-INSENSITIVE DEPTH PERCEPTION	XC001-0021-US-01
62/627,407	02/07/2018	TRAINING SPARSE NETWORKS WITH DISCRETE WEIGHT VALUES	XC001-0035-US-01
62/654,529	04/09/2018	MACHINE TRAINED NETWORK DETECTING CONTEXT-SENSITIVE WAKE EXPRESSIONS FOR A DIGITAL ASSISTANT	XC001-0036-US-01
62/660,914	04/20/2018	REDUCED DOT PRODUCT COMPUTATION CIRCUIT	XC001-0030-US-01
62/720,647	08/21/2018	COMPRESSIVE SENSING BASED IMAGE CAPTURE DEVICE	XC001-0043-US-01
62/724,589	08/29/2018	REDUCED DOT PRODUCT COMPUTATION CIRCUIT	XC001-0030-US-02
62/742,802	10/08/2018	NEURAL NETWORK INFERENCE CIRCUIT	XC001-0047-US-01
62/753,878	10/31/2018	DOT PRODUCT COMPUTATIONS ON NEURAL NETWORK INTERFERENCE CIRCUIT	XC001-0048-US-01
62/756,037	11/05/2018	COMPRESSIVE SENSING BASED IMAGE CAPTURE DEVICE	XC001-0043-US-02