PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Trident Microsystems, Inc.	04/11/2012
Trident Microsystems (Far East) Ltd.	04/11/2012

RECEIVING PARTY DATA

Name:	Entropic Communications, Inc.
Street Address:	6290 Sequence Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 97

Property Type	Number
Patent Number:	6765622
Patent Number:	6999514
Patent Number:	7352814
Patent Number:	7750979
Patent Number:	7257661
Patent Number:	7933411
Patent Number:	7539391
Patent Number:	7315622
Patent Number:	7961251
Patent Number:	7084929
Patent Number:	7376286
Patent Number:	7167108
Patent Number:	7552352
Patent Number:	7924929

CH $3880.00 6765622

Patent Number:	7673140
Patent Number:	7542041
Patent Number:	8073055
Patent Number:	7750898
Patent Number:	5268712
Patent Number:	5446852
Patent Number:	5440250
Patent Number:	5822437
Patent Number:	5714918
Patent Number:	6122381
Patent Number:	6232762
Patent Number:	6573697
Patent Number:	6351631
Patent Number:	7468761
Patent Number:	7162038
Patent Number:	7317800
Patent Number:	7046750
Patent Number:	7397873
Patent Number:	6792115
Patent Number:	6954093
Patent Number:	7133478
Patent Number:	7418379
Patent Number:	7330141
Patent Number:	7593065
Patent Number:	7233271
Patent Number:	7920653
Patent Number:	8005672
Patent Number:	7304593
Patent Number:	7689779
Patent Number:	8095743
Patent Number:	7769989
Patent Number:	7750832
Patent Number:	6262774
Patent Number:	6909466
Patent Number:	7065028

	7064793
Patent Number:	7339412
Patent Number:	7095446
Patent Number:	7181084
Patent Number:	7318079
Patent Number:	7391476
Patent Number:	7532216
Patent Number:	7982799
Patent Number:	7843509
Patent Number:	6421090
Patent Number:	6552738
Patent Number:	7486283
Patent Number:	7778482
Patent Number:	6975359
Patent Number:	7242819
Patent Number:	7734089
Patent Number:	7554519
Patent Number:	7250983
Patent Number:	6151580
Application Number:	10537890
Application Number:	10537875
Application Number:	10537889
Application Number:	10594022
Application Number:	11568512
Application Number:	11575487
Application Number:	11189009
Application Number:	11237611
Application Number:	12355234
Application Number:	12467963
Application Number:	11212122
Application Number:	12228248
Application Number:	12628748
Application Number:	12366594
Application Number:	11472588
Application Number:	10038277

	10961863
Application Number:	11197561
Application Number:	12202321
Application Number:	11874096
Application Number:	61388549
Application Number:	61409835
Application Number:	13250895
Application Number:	13231891
Application Number:	12375563
Application Number:	12529409
Application Number:	13145504
Application Number:	10560713
Application Number:	10585443

CORRESPONDENCE DATA

Fax Number: (619)923-2489
Phone: 619-744-2293
Email: JSze@duanemorris.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: James Y.C. Sze
Address Line 1: 750 B Street, Suite 2900
Address Line 2: Duane Morris LLP
Address Line 4: San Diego, CALIFORNIA 92101-4681

ATTORNEY DOCKET NUMBER:	E5982
NAME OF SUBMITTER:	Yvette Black

Total Attachments: 52
source=Assignment-Entropic#page1.tif
source=Assignment-Entropic#page2.tif
source=Assignment-Entropic#page3.tif
source=Assignment-Entropic#page4.tif
source=Assignment-Entropic#page5.tif
source=Assignment-Entropic#page6.tif
source=Assignment-Entropic#page7.tif
source=Assignment-Entropic#page8.tif
source=Assignment-Entropic#page9.tif
source=Assignment-Entropic#page10.tif
source=Assignment-Entropic#page11.tif
source=Assignment-Entropic#page12.tif
source=Assignment-Entropic#page13.tif
source=Assignment-Entropic#page14.tif
source=Assignment-Entropic#page15.tif

source=Assignment-Entropic#page16.tif
source=Assignment-Entropic#page17.tif
source=Assignment-Entropic#page18.tif
source=Assignment-Entropic#page19.tif
source=Assignment-Entropic#page20.tif
source=Assignment-Entropic#page21.tif
source=Assignment-Entropic#page22.tif
source=Assignment-Entropic#page23.tif
source=Assignment-Entropic#page24.tif
source=Assignment-Entropic#page25.tif
source=Assignment-Entropic#page26.tif
source=Assignment-Entropic#page27.tif
source=Assignment-Entropic#page28.tif
source=Assignment-Entropic#page29.tif
source=Assignment-Entropic#page30.tif
source=Assignment-Entropic#page31.tif
source=Assignment-Entropic#page32.tif
source=Assignment-Entropic#page33.tif
source=Assignment-Entropic#page34.tif
source=Assignment-Entropic#page35.tif
source=Assignment-Entropic#page36.tif
source=Assignment-Entropic#page37.tif
source=Assignment-Entropic#page38.tif
source=Assignment-Entropic#page39.tif
source=Assignment-Entropic#page40.tif
source=Assignment-Entropic#page41.tif
source=Assignment-Entropic#page42.tif
source=Assignment-Entropic#page43.tif
source=Assignment-Entropic#page44.tif
source=Assignment-Entropic#page45.tif
source=Assignment-Entropic#page46.tif
source=Assignment-Entropic#page47.tif
source=Assignment-Entropic#page48.tif
source=Assignment-Entropic#page49.tif
source=Assignment-Entropic#page50.tif
source=Assignment-Entropic#page51.tif
source=Assignment-Entropic#page52.tif

INTELLECTUAL PROPERTY ASSIGNMENT

THIS INTELLECTUAL PROPERTY ASSIGNMENT (this "Assignment") is made on this 12th day of April 2012 (the "Effective Date"), by and among Entropic Communications, Inc., a Delaware corporation ("Purchaser") and Trident Microsystems, Inc., a Delaware corporation (the "Company") and each of its Seller Subsidiaries.

W I T N E S S E T H:

WHEREAS, pursuant to the Asset Purchase Agreement, dated as of January 18, 2012, as amended (the "Purchase Agreement"), by and among Purchaser, the Company and the Seller Subsidiaries, the Company and the Seller Subsidiaries have agreed to assign to Purchaser their rights, titles and interests in, to and benefits under each and all of the intellectual property assets set forth in Schedule 1 hereto (the "Purchased Intellectual Property Assets"); and

WHEREAS, the Company and the Seller Subsidiaries desire to assign their respective rights and obligations set forth in this Assignment to Purchaser, and Purchaser desires to accept such assignment.

NOW, THEREFORE, pursuant to the terms of the Purchase Agreement and in consideration for the mutual promises it contains, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Purchaser, the Company and the Seller Subsidiaries each further agree as follows:

1. Defined Terms. Capitalized terms used herein but not otherwise defined in this Assignment shall have the meanings ascribed to such terms in the Purchase Agreement.

2. Assignment. The Company and the Seller Subsidiaries have sold, assigned, transferred and conveyed and do hereby sell, assign, transfer and convey unto Purchaser all of their respective rights, titles and interests of the Company and the Seller Subsidiaries in, to and benefits under each and all of the Purchased Intellectual Property Assets, including without limitation all future patent applications which claim priority to, the pending patent applications that have been sold, assigned, transferred and conveyed to Purchaser as part of the Purchased Intellectual Property Assets, and further including any and all rights to damages for past infringement of patents which the Company and the Seller Subsidiaries do and have sold, assigned, transferred and conveyed unto Purchaser and that were in force anywhere in the world during the Company's and the Seller Subsidiaries' ownership of such patents, including those patents which have since expired, lapsed or become abandoned for any reason. The Company and the Seller Subsidiaries do hereby authorize and request the Commissioner of Patents and Trademarks and the equivalent official or institution in each country throughout the world to assign all Purchased Intellectual Property Assets to Purchaser as assignee of the entire interest. For the avoidance of doubt and notwithstanding the above, the assignment of this paragraph 2 specifically excludes the Retained Patents.

3. Further Action. The Company and the Seller Subsidiaries hereby covenant that, at any time or from time to time after the date hereof, the Company and the Seller Subsidiaries

will take all further actions and execute and deliver all further documents that are necessary to sell, assign, transfer and convey to Purchaser, and to confirm Purchaser's title to, all of Purchaser's right, title and interest in and to the Purchased Intellectual Property Assets, and to put Purchaser in actual possession of such rights, title and interest in and to the Purchased Intellectual Property Assets and assist Purchaser in exercising all rights with respect thereto.

4. Export Control Laws. The Company shall be responsible for ensuring that its actions with respect to all of the Purchased Intellectual Property Assets are in compliance with all applicable export control Laws ("Export Control Laws"). The Company shall immediately give notice to Purchaser if any of the Purchased Intellectual Property Assets are or become subject to export control restrictions under any Export Control Laws, and shall provide Purchaser with reasonable cooperation and information, at no additional cost or expense to Purchaser, to assist in complying with any licensing or similar requirements that may be imposed under applicable Export Control Laws, including promptly furnishing upon request any export control classification numbers applicable to the Purchased Intellectual Property Assets (or such other applicable export control descriptors).

5. Purchase Agreement Controls. Nothing in this Agreement shall be deemed to supersede, enlarge or modify any of the provisions of the Purchase Agreement, all of which survive the execution and delivery of this Agreement as provided and subject to the limitations set forth in the Purchase Agreement. If any conflict exists between the terms of this Agreement and the terms of the Purchase Agreement, the terms of the Purchase Agreement shall govern and control.

6. Governing Law. This Assignment will be governed and construed in accordance with the internal laws of the State of Delaware.

7. Successors and Assigns. This Assignment shall inure to the benefit of and be binding upon the successors and assigns of the Purchaser, the Company and the Seller Subsidiaries.

8. Counterparts. This Assignment may be executed in any number of counterparts, each of which shall be deemed an original and all of which together shall constitute one and the same instrument.

9. Amendment and Waiver. This Assignment may not be amended or modified in any manner other than by an agreement in writing signed by the parties hereto or their respective successors or permitted assigns. No waiver under this Assignment shall be valid or binding unless set forth in a writing duly executed and delivered by the party against whom enforcement of such waiver is sought. Neither the waiver by any of the parties of a breach or default under any of the provisions of this Assignment, nor the failure by any of the parties, on one or more occasions, to enforce any of the provisions of this Assignment or to exercise any right or privilege hereunder, shall be construed as a waiver of any other breach or default of a similar nature, or as a waiver of any of such provisions, rights or privileges hereunder.

10. Notice. Any notice given pursuant to this Assignment shall be given in the same manner as stated in Section 9.2 of the Purchase Agreement.

[*Signature Page Follows*]

IN TESTIMONY WHEREOF, each party has executed this Assignment by its proper officers thereunto duly authorized.

Trident Microsystems, Inc.

Name: Bandud Bastani

Title: CEO

Date: April 11 2012

State of CALIFORNIA
County of SANTA CLARA } ss.

On this 11 day of APRIL, 2012 before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

MADELINE W. GUEST
Commission # 1965062
Notary Public - California
Santa Clara County
My Comm. Expires Jan 25, 2016

Madeline W Guest
Notary Public,
SANTA CLARA County, State of CALIFORNIA
My Commission Expires: 1-25-2016

Trident Microsystems (Far East) Ltd.

Name: David L. Teichmann

Title: Secretary and Director
Trident Microsystems (Far East) Ltd.

Date: 4/11/2012

State of CALIFORNIA
County of SANTA CLARA } ss.

On this 11 day of APRIL, 2012 before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

MADELINE W. GUEST
Commission # 1965062
Notary Public - California
Santa Clara County
My Comm. Expires Jan 25, 2016

Madeline W Guest
Notary Public,
SANTA CLARA County, State of CALIFORNIA
My Commission Expires: 1-25-2016

[Signature Page to Intellectual Property Assignment (United States)]

Entropic Communications, Inc.

Name: _____
DAVID LYLE

Title: CFO

Date: 4/12/12

State of California)
) ss.
County of San Diego)

On this 12th day of April, 2012, before me, Kathleen Cahill, Notary Public, personally appeared DAVID LYLE, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument he, or the entity upon behalf of which he acted, executed the instrument.

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

WITNESS my hand and official Seal.

KATHLEEN CAHILL
Commission # 1906616
Notary Public - California
San Diego County
My Comm. Expires Oct 30, 2014

_____
Notary Public in and for said County and State
My Commission Expires: October 14, 2014

[Signature Page to Intellectual Property Assignment (United States)]

Schedule 1

Purchased Intellectual Property Assets

App. No.	App. Status	Exp. Date	App. Title	Pat. No.	Pub. No.	Fil. Date	Ctry	Case No.	Sub. Case
08/247,320	Granted	07-Jul-2015	MULTIPLIER APPARATUS AND METHOD FOR REAL OR COMPLEX NUMBERS	5,777,915		23-May-1994	US	P2009,0502	N
12/665,703	Pending	06-Jul-2027	APPARATUS AND METHOD FOR ESPECIALLY NORDSTROM-ROBINSON CODE DECODER			06-Jul-2007	US	P2009,0505	E
08/792,924	Granted	21-Jan-2017	DIGITAL DEMODULATOR FOR QUADRATURE AMPLITUDE AND PHASE MODULATED SIGNALS	5,767,739		21-Jan-1997	US	P2009,0506	N
12/670,397	Pending	23-Jul-2027	CARRIER RECOVERY METHOD AND CARRIER RECOVERY DEVICE FOR PSEUDO RANDOM NOISE BASED SYSTEMS			23-Jul-2007	US	P2009,0509	E
08/729,672	Granted	03-Oct-2016	LOGICAL BLOCK FOR A VITERBI DECODER	5,887,036		03-Oct-1996	US	P2009,0510	N
08/603,932	Granted	26-Jul-2014	METHOD AND CIRCUIT CONFIGURATION FOR REDUCING FLICKER IN A TELEVISION SET	5,708,480		20-Feb-1996	US	P2009,0511	N
08/814,555	Granted	11-Mar-2017	ASYMMETRIC FILTER COMBINATION FOR A DIGITAL TRANSMISSION SYSTEM	6,141,386		11-Mar-1997	US	P2009,0512	N
09/531,193	Granted	09-Sep-2018	FILTER ARRANGEMENT AND SLOPE DETECTOR FOR QUADRATURE AMPLITUDE MODULATED SIGNALS	6,353,639		20-Mar-2000	US	P2009,0513	N
08/814,551	Granted	11-Mar-2017	TRANSMISSION SYSTEM FOR DIGITAL SIGNALS, AND TRANSMITTER AND RECEIVER THEREFOR	5,881,107		11-Mar-1997	US	P2009,0515	N
10/108,232	Granted	24-Nov-2022	APPARATUS AND METHOD FOR SLOPE-ENHANCEMENT OF	7,098,964	2003-0048367	26-Mar-2002	US	P2009,0517	N

			SIGNAL TRANSITIONS IN TELEVISION PICTURES						
08/984,735	Granted	04-Dec-2017	DIGITAL FILTER COMBINATION FOR INTERPOLATION	7,406,492		04-Dec-1997	US	P2009,0519	N
10/250,704	Granted	20-Mar-2023	METHOD AND DEVICE FOR CONVERTING VIDEO SIGNALS	7,315,331	2004-0119887	08-Jan-2002	US	P2009,0520	N
10/561,658	Granted	14-Jun-2024	METHOD FOR DETERMINING A DISPLACEMENT VECTOR IN AN IMAGE PROCESSING OPERATION	7,720,296	2007-0098279	14-Jun-2004	US	P2009,0524	N
09/160,313	Granted	25-Sep-2018	SAMPLING CONTROL LOOP FOR A RECEIVER FOR DIGITALLY TRANSMITTED SIGNALS	6,477,215		25-Sep-1998	US	P2009,0525	N
09/126,889	Granted	13-Jul-2018	CARRIER CONTROL LOOP FOR A RECEIVER OF DIGITALLY TRANSMITTED SIGNALS	6,215,830		13-Jul-1998	US	P2009,0529	N
09/061,465	Granted	16-Apr-2018	DIGITAL SOUND PROCESSOR FOR PROCESSING MULTIPLE STANDARD SOUND SIGNALS AND CAPABLE OF GENERATING ADDITIONAL AUDIO SIGNALS	6,141,646		16-Apr-1998	US	P2009,0530	N
10/775,532	Granted	07-Aug-2023	APPARATUS AND METHOD FOR MOTION-VECTOR-AIDED INTERPOLATION OF A PIXEL OF AN INTERMEDIATE IMAGE OF AN IMAGE SEQUENCE	7,620,254	2005-0036066	10-Feb-2004	US	P2009,0531	N1
09/272,508	Granted	19-Mar-2019	DC/DC CONVERTER	6,166,526		19-Mar-1999	US	P2009,0534	N
10/622,073	Granted	19-Oct-2024	INTERPOLATING A PIXEL FROM AN INTERMEDIATE LINE OF A FIELD	7,142,249	2004-0100579	17-Jul-2003	US	P2009,0535	N

11/563,479	Published	17-Jul-2023	APPARATUS AND METHOD FOR INTERPOLATING A PIXEL FROM AN INTERMEDIATE LINE OF A FIELD		2007-0182849	27-Nov-2006	US	P2009,0535	N1
09/370,271	Granted	09-Aug-2019	PULSE-WIDTH-MODULATED DC-DC CONVERTER WITH A RAMP GENERATOR	6,522,115		09-Aug-1999	US	P2009,0536	N
10/636,307	Granted	04-Nov-2024	GRADIENT-AIDED APPARATUS AND METHOD FOR PIXEL INTERPOLATION	7,092,033	2004-0066467	07-Aug-2003	US	P2009,0538	N
10/871,881	Granted	01-Aug-2025	METHOD AND APPARATUS FOR MOTION-VECTOR-AIDED PIXEL INTERPOLATION	7,274,402	2005-0024542	18-Jun-2004	US	P2009,0540	N
10/832,475	Granted	01-Apr-2025	METHOD AND DEVICE FOR DETERMINING THE SPACING BETWEEN A FIRST AND A SECOND SIGNAL SEQUENCE	7,145,604	2005-0036072	26-Apr-2004	US	P2009,0541	N
09/919,579	Granted	30-Jul-2021	Programmable filter architecture	6,938,063	2002-049797	30-Jul-2001	US	P2009,0542	N
10/193,659	Granted	26-Oct-2024	Memory device with data security in a processor	7,761,717	2003-0014653	10-Jul-2002	US	P2009,0543	N
11/101,384	Granted	07-Apr-2025	Method and device for determination of motion vectors that are coordinated with regions of an image	7,933,332	2005-0238101	07-Apr-2005	US	P2009,0544	N
11/142,830	Appealed	01-Jun-2025	Apparatus and method of determining motion vectors assigned to image regions		2005-0265456	01-Jun-2005	US	P2009,0545	N
11/254,546	Granted	20-Oct-2025	Image rendition using sequential color rendition	7,693,327	2006-0092381	20-Oct-2005	US	P2009,0546	N
11/444,976	Granted	01-Jun-2026	Method and device for determining motion vectors	7894529	2006-0274834	01-Jun-2006	US	P2009,0548	N
11/112,875	Granted	22-Apr-2025	Method and circuit for determining a clock signal sampling instant	7,675,998	2008-0112509	22-Apr-2005	US	P2009,0550	N

			for symbols of a modulation method						
11/715,820	Published	08-Mar-2027	Method and circuit for line-coupled clock generation		2008-0019471	08-Mar-2007	US	P2009,0551	N
10/532,554	Granted	08-Oct-2023	Method and circuit for generating an auxiliary symbol for adjusting a QAM demodulator	7,738,599	2006-0018408	08-Oct-2003	US	P2009,0552	N
11/851,453	Granted	17-May-2029	METHOD AND APPARATUS FOR INCREASING THE RESOLUTION OF A DATA SEQUENCE	8,019,172	2008-0063352	07-Sep-2007	US	P2009,0554	N
11/904,328	Granted	28-Feb-2028	Device and method for polyphase resampling	7,728,743	2009-0261994	26-Sep-2007	US	P2009,0555	N
12/098,849	Published	07-Apr-2028	METHOD FOR DETECTING IMAGE SEQUENCES HAVING LINEWISE REPEATED DATA		2008-0246874	07-Apr-2008	US	P2009,0556	N
11/547,742	Published	08-Apr-2025	APPARATUS FOR AND METHOD OF DEVELOPING EQUALIZED VALUES FROM SAMPLES OF A SIGNAL RECEIVED FROM A CHANNEL		2008-0063043	08-Apr-2005	US	P2009,0557	N
11/547,733	Granted	05-Oct-2025	APPARATUS FOR AND METHOD OF CONTROLLING A FEEDFORWARD FILTER OF AN EQUALIZER	7,822,112	2008-0049824	08-Apr-2005	US	P2009,0557	N1
11/578,132	Granted	08-Apr-2025	APPARATUS FOR AND METHOD OF CONTROLLING A FEEDFORWARD FILTER OF AN EQUALIZER	7,599,433	2007-0201544	08-Apr-2005	US	P2009,0557	N2
11/547,937	Granted	08-Apr-2025	APPARATUS FOR AND METHOD OF CONTROLLING A FEEDFORWARD FILTER OF AN EQUALIZER	7885325	2008-0260014	08-Apr-2005	US	P2009,0557	N3

11/547,816	Granted	08-Apr-2025	ADVANCED DIGITAL RECEIVER	7,995,648	2008-0107168	08-Apr-2005	US	P2009,0557	N4
11/547,817	Granted	08-Apr-2025	APPARATUS FOR AND METHOD OF CONTROLLING THE OPERATION OF AN EQUALIZER	7,653,126	2008-0181292	08-Apr-2005	US	P2009,0557	N5
11/547,818	Granted	08-Apr-2025	APPARATUS FOR AND METHOD OF CONTROLLING A DIGITAL DEMODULATOR COUPLED TO AN EQUALIZER	7,545,888	2008-0043884	08-Apr-2005	US	P2009,0557	N6
11/547,741	Published	08-Apr-2025	APPARATUS FOR AND METHOD OF CONTROLLING A SAMPLING FREQUENCY OF A SAMPLING DEVICE		2008-0049871	08-Apr-2005	US	P2009,0557	N7
11/547,819	Published	08-Apr-2025	APPARATUS FOR AND METHOD OF CONTROLLING SAMPLING FREQUENCY AND SAMPLING PHASE OF A SAMPLING DEVICE		2008-0008280	08-Apr-2005	US	P2009,0557	N8
11/127,805	Granted	01-Sep-2028	Method and circuit arrangement for determining the frequency of a received signal for demodulation of received signals	7,711,073	2005-0254602	12-May-2005	US	P2009,0558	N
10/892,531	Granted	14-Jul-2024	PCM-TO-PWM CONVERTER	7,317,758	2005-0046601	14-Jul-2004	US	P2009,0562	N
11/199,811	Granted	09-Aug-2025	Decoder for executing a viterbi algorithm	7,613,989	2006-0209996	09-Aug-2005	US	P2009,0563	N
11/249,029	Granted	11-Oct-2025	METHOD AND COMPENSATION DEVICE FOR COMPENSATION OF CHARACTERISTIC ERRORS OF AN ANALOG-DIGITAL CONVERTER	7,196,645	2006-077081	11-Oct-2005	US	P2009,0564	N
11/137,128	Granted	11-Feb-2028	Method and device for processing received data of a radio interface	7,778,308	2005-0265473	25-May-2005	US	P2009,0565	N

12/858,377	Published		Method and device for processing received data of a radio interface		2011-0038446-A1	25-May-2005	US	P2009,0565	N1
11/136,295	Granted	24-May-2025	Apparatus and method for decoding a bit sequence from QPSK or QAM symbols	7,680,219	2005-0259765	24-May-2005	US	P2009,0566	N
11/134,996	Granted	02-Nov-2028	Method and adaptive filter for processing a sequence of input data	7,739,321	2005-0261898	23-May-2005	US	P2009,0567	N
11/137,129	Granted	25-May-2025	METHOD AND DEVICE FOR MOTION-COMPENSATED NOISE EVALUATION IN MOBILE WIRELESS TRANSMISSION SYSTEMS	7,496,165	2005-0271171	25-May-2005	US	P2009,0568	N
11/133,146	Granted	24-Aug-2029	Device and method for noise suppression	7,930,174	2006-0047507	19-May-2005	US	P2009,0569	N
10/007,999	Granted	13-Nov-2021	EQUALIZER FOR TIME DOMAIN SIGNAL PROCESSING	7,072,392	2002-0097795	13-Nov-2001	US	P2009,0570	N
11/134,995	Granted	23-May-2025	Method and data processing device for processing digital data of a signal	7,864,904	2005-0271172	23-May-2005	US	P2009,0571	N
10/071,711	Granted	08-Feb-2022	ADAPTIVE INTERLACE-TO-PROGRESSIVE SCAN CONVERSION ALGORITHM	6,940,557	2002-0171759	08-Feb-2002	US	P2009,0572	N
09/876,547	Granted	07-Jun-2021	ERROR GENERATION FOR ADAPTIVE EQUALIZER	7,190,744	2002-0191716	07-Jun-2001	US	P2009,0573	E
11/507,369	Granted	23-Aug-2029	Adaptive reduction of noise signals and background signals in a speech-processing system	7,822,602	2007-0043559	21-Aug-2006	US	P2009,0575	N
12/895,817	Published		Adaptive reduction of noise signals and background signals in a speech-processing system		2011-0022382	30-Sep-2010	US	P2009,0575	N1
09/884,256	Granted	17-Nov-2021	COMBINED TRELLIS DECODER AND DECISION FEEDBACK	7,418,034	2002-0191689	19-Jun-2001	US	P2009,0580	E

			EQUALIZER						
10/701,047	Granted	06-Jun-2021	ADAPTIVE EQUALIZER HAVING A VARIABLE STEP SIZE INFLUENCED BY OUTPUT FROM A TRELLIS DECODER	7,130,344	2004-0091039	04-Nov-2003	US	P2009,0581	E1
11/626,153	Granted	23-Jan-2027	METHOD FOR DETERMINING AND METHOD FOR COMPENSATING A CHARACTERISTIC OF AN A/D CONVERTER, CIRCUIT ARRANGEMENT FOR DETERMINING SUCH A CHARACTERISTIC, AND A/D CONVERTER CIRCUIT ARRANGEMENT	7,408,491	2007-0188365	23-Jan-2007	US	P2009,0583	N
11/787,205	Granted	12-Dec-2029	Method and circuit for carrier control in a quadrature demodulator	7,978,790	2008-0037688	13-Apr-2007	US	P2009,0584	N
12/406,513	Published	18-Mar-2029	Verfahren zum Testen eines Bewegungsvektors		2009-0238409	18-Mar-2009	US	P2009,0596	N
13/139,140	Pending		Verfahren zur BewegungsschÃ¤tzung an BildrÃ¤ndern			09-Dec-2009	US	P2009,0599	N
13/120,120	Published		Verfahren zur Detektion eines Blockrasters		2011-0222780	21-Sep-2009	US	P2009,0608	N
13/126,977	Published		Verfahren und Anordnung zur automatischen Optimierung der Ãœbertragungsfunktion eines Lautsprechersystems		2011-0224812	29-Oct-2009	US	P2009,0610	N
11/712,202	Published	28-Feb-2027	Method and circuit arrangement for computing a value of a complex signal		2007-0233768	28-Feb-2007	US	P2009,0613	N
10/407,610	Granted	04-Apr-2023	TRANSPOSED STRUCTURE FOR A DECISION FEEDBACK	7,376,181	2004-0013191	04-Apr-2003	US	P2009,0615	N

			EQUALIZER COMBINED WITH A TRELLIS DECODER						
10/407,404	Granted	04-Apr-2023	SYNCHRONIZATION SYMBOL RE-INSERTION FOR A DECISION FEEDBACK EQUALIZER COMBINED WITH A TRELLIS DECODER	7,321,642	2003-0214976	04-Apr-2003	US	P2009,0615	N1
12/009,135	Granted	03-Aug-2029	Device and method for determining a constellation of a quadrature amplitude modulated signal	8,064,545	2008-0225973	16-Jan-2008	US	P2009,0618	N
10/404,511	Granted	01-Apr-2023	DATA-DIRECTED FREQUENCY-AND-PHASE LOCK LOOP	6,995,617	2003-0215044	01-Apr-2003	US	P2009,0628	N
10/404,516	Granted	01-Apr-2023	DATA DIRECTED FREQUENCY ACQUISITION LOOP THAT SYNCHRONIZES TO A RECEIVED SIGNAL BY USING THE REDUNDANCY OF THE DATA IN THE FREQUENCY DOMAIN	6,980,059	2003-0214350	01-Apr-2003	US	P2009,0628	N1
10/404,553	Granted	01-Apr-2023	DATA-DIRECTED FREQUENCY-AND-PHASE LOCK LOOP FOR DECODING AN OFFSET-QAM MODULATED SIGNAL HAVING A PILOT	7,272,203	2005-0074082	01-Apr-2003	US	P2009,0628	N2
11/318,265	Granted	01-Apr-2023	DATA-DIRECTED FREQUENCY-AND-PHASE LOCK LOOP	7,504,890	2006-0159214	23-Dec-2005	US	P2009,0628	N3
12/006,092	Published	28-Dec-2027	Device and method for determining a symbol during reception of a signal coupled with a quadrature signal pair (I,Q) for QAM frequency control and/or rotation control		2008-0225992	28-Dec-2007	US	P2009,0635	N
11/894,671	Granted	21-Aug-2027	Method and circuit arrangement for symbol decision upon the reception of a signal	8,031,812	2008-0056412	21-Aug-2007	US	P2009,0637	N

			including a quadrature signal pair						
12/281,584	Allowed	05-Mar-2027	FM SIMULCAST BROADCAST SIGNAL BROADCAST TRANSMISSION SYSTEM AND RECEIVER DEVICE	8,095,086	2009-0220024	05-Mar-2007	US	P2009,0638	N
12/276,023	Published	21-Nov-2028	METHOD AND CIRCUIT SYSTEM FOR DECIDING A SYMBOL UPON RECEPTION OF RECEIVED SYMBOLS COUPLED WITH A QUADRATURE SIGNAL PAIR		2009-0135967	21-Nov-2008	US	P2009,0648	N
12/670,121	Published	25-Jul-2028	Multistandard-EmpfÃ¤ngerschaltung fÃ¼r analogen und digitalen Rundfunk		2011-0187938	25-Jul-2008	US	P2009,0650	N
12/258,178	Published	24-Oct-2028	METHOD FOR ESTIMATING THE MOTION IN IMAGE PROCESSING		2009-0115851	24-Oct-2008	US	P2009,0651	N
12/258,142	Published	24-Oct-2028	METHOD OF ESTIMATING THE MOTION IN IMAGE PROCESSING		2009-0109343	24-Oct-2008	US	P2009,0654	N
12/139,877	Published	16-Jun-2028	METHOD FOR PROCESSING AN IMAGE SEQUENCE HAVING CONSECUTIVE VIDEO IMAGES IN ORDER TO IMPROVE THE SPATIAL RESOLUTION		2008-0309823	16-Jun-2008	US	P2009,0655	N
12/058,280	Published	28-Mar-2028	ITERATIVE METHOD FOR INTERPOLATING VIDEO INFORMATION VALUES		2008-0246877	28-Mar-2008	US	P2009,0661	N
12/814,406	Published		ERMITTLUNG EINES VEKTORFELDES FÃœR EIN ZWISCHENBILD		2010-0329346	11-Jun-2010	US	P2009,0665	N
12/797,808	Published		IMAGE PROCESSING OF A MOTION ESTIMATION AND IMAGE PROCESSING SYSTEM		2010-0315560	10-Jun-2010	US	P2009,0667	N

07/929,608	Granted	13-Aug-2012	MONOLITHIC INTEGRATED DIFFERENTIAL AMPLIFIER WITH DIGITAL GAIN SETTING	5,285,169		13-Aug-1992	US	P2010,0026	N
08/608,146	Granted	28-Feb-2016	MOS-TECHNIQUE CURRENT MIRROR INCLUDING CASCODE STAGE WITH WIDE DRIVING RANGE	5,654,629		28-Feb-1996	US	P2010,0027	N
08/805,767	Granted	25-Feb-2017	CIRCUIT FOR DECODING ADDITIONAL INFORMATION IN A COMPOSITE SIGNAL	5,978,037		25-Feb-1997	US	P2010,0029	N
08/861,605	Granted	22-May-2017	DIGITALLY ADJUSTABLE CRYSTAL OSCILLATOR WITH A MONOLITHIC INTEGRATED OSCILLATOR CIRCUIT	5,805,029		22-May-1997	US	P2010,0030	N
11/916,192	Published	30-May-2026	MULTIPLE PASS VIDEO DECODING METHOD AND DEVICE		20100135414A1	30-May-2006	US	P2010,0103	N
11/912,007	Published	14-Apr-2026	EFFICIENT VIDEO DECODING ACCELERATOR		2008-0285648	14-Apr-2006	US	P2010,0104	N
11/915,401	Published	08-May-2026	Equipment For Audio-Video Processing System		2008-0211963	08-May-2006	US	P2010,0105	N
11/911,864	Granted	06-Jun-2026	ARRANGEMENT FOR DEMODULATING A VESTIGIAL SIDEBAND SIGNAL	7,570,110	2008-0191799	13-Apr-2006	US	P2010,0106	N
11/915,489	Published	19-May-2026	CALCULATING TRANSFORMATION PARAMETERS FOR IMAGE PROCESSING		2008-0205525	19-May-2006	US	P2010,0108	N
11/995,601	Allowed	13-Jul-2026	SIGNAL PROCESSOR HAVING A SAMPLING ARRANGEMENT	8,085,651	2009-0116373	13-Jul-2006	US	P2010,0109	N
12/063,855	Allowed	07-Aug-2026	Method Video Encoding and Decoding Preserving Cahe Localities		2008-0232462	07-Aug-2006	US	P2010,0110	N
11/915,288	Published	23-May-2026	SPATIAL AND TEMPORAL DE-INTERLACING WITH ERROR CRITERION		2010-0157147A1	23-May-2006	US	P2010,0111	N

12/063,854	Published	10-Aug-2026	VIDEO PROCESSING METHOD AND DEVICE FOR DEPTH EXTRACTION		2008-0232716	10-Aug-2006	US	P2010,0112	N
12/089,247	Published	29-Sep-2026	TELETEXT PROCESSING CIRCUIT		2008-0246878	29-Sep-2006	US	P2010,0113	N
12/067,080	Published	13-Sep-2026	APPARATUS AND METHOD FOR FRAME RATE PRESERVING RE-SAMPLING OR RE-FORMATTING OF A VIDEO STREAM		WO2007/034372	13-Sep-2006	US	P2010,0114	N
12/097,638	Published	08-Dec-2026	APPARATUS AND METHOD FOR COLOR SHIFT COMPENSATION IN DISPLAYS		2010-0013864	08-Dec-2006	US	P2010,0115	N
12/090,736	Published	20-Oct-2026	MOTION VECTOR FIELD RETIMER		2009-0251612	20-Oct-2006	US	P2010,0116	N
12/067,982	ToBeAbandon	25-Sep-2026	WAFER WITH SCRIBE LANES COMPRISING ACTIVE CIRCUITS FOR DIE TESTING OF COMPLEMENTARY SIGNAL PROCESSING PARTS		2009-0152546	25-Sep-2006	US	P2010,0117	N
12/092,129	Published	27-Oct-2026	DATA PROCESSING SYSTEM		2009-0219446	27-Oct-2006	US	P2010,0118	N
12/063,074	Published	03-Aug-2026	MOTION JUDDER CANCELLATION IN IMAGE SEQUENCES		2010-0201882-A1	03-Aug-2006	US	P2010,0119	N
11/995,984	Published	10-Jul-2026	METHOD FOR RECEPTION OF DVB-H SIGNALS AND DVB-H RECEIVER		2008-0212688	10-Jul-2006	US	P2010,0121	N
11/996,470	Published	12-Jul-2026	METHOD AND DEVICE FOR OPERATION OF TWO WIRELESS SERVICES		2008-0186891	12-Jul-2006	US	P2010,0122	N
12/158,995	Published	21-Dec-2026	AN AUDIO/VIDEO RENDERER PERIPHERAL WITH DUAL INTERRUPT LINES FOR STAGGERED INTERRUPTS		2008-0317119	21-Dec-2006	US	P2010,0124	N

12/161,570	Published	18-Jan-2027	REPLACEMENT OF FRAME DATA IN A VIDEO STREAM SIGNAL		2009-0016435	18-Jan-2007	US	P2010,0125	N
12/162,825	Published	31-Jan-2027	VIDEO PROCESSING DEVICE AND METHOD OF PROCESSING VIDEO DATA		2009-0010616	31-Jan-2007	US	P2010,0126	N
12/377,976	Published	06-Aug-2027	TIME ERROR ESTIMATION FOR DATA SYMBOLS		2010-0166050	06-Aug-2007	US	P2010,0128	N
12/304,336	Published	12-Jun-2027	Global motion estimation		2009-0153742	12-Jun-2007	US	P2010,0129	N
12/297,500	Published	29-Mar-2027	METHOD AND SYSTEM FOR CREATING AN INTERPOLATED IMAGE		2009-0296818	29-Mar-2007	US	P2010,0131	N
12/307,787	ToBeAbandoned	10-Jul-2027	DUAL INTERFACE MEMORY ARRANGEMENT AND METHOD		2009-0327597	10-Jul-2007	US	P2010,0132	N
12/516,785	Published	20-Nov-2027	DEVICE AND METHOD FOR PROCESSING COLOR IMAGE DATA		2010-0020242	20-Nov-2007	US	P2010,0133	N
12/438,316	Published	20-Aug-2027	MOTION-COMPENSATED PROCESSING OF IMAGE SIGNALS		2009-0279609	20-Aug-2007	US	P2010,0134	N
12/447,202	Published	15-Oct-2027	ADDRESS CALCULATION UNIT		2010-0141668	15-Oct-2007	US	P2010,0135	N
12/525,137	Published	08-Feb-2028	VISUAL DISPLAY SYSTEM AND METHOD FOR DISPLAYING A VIDEO SIGNAL		2010-0110000	30-Jul-2009	US	P2010,0136	N
12/446,636	Published	19-Oct-2027	SYSTEM COMPRISING NODES WITH ACTIVE AND PASSIVE PORTS		2009-0232146	19-Oct-2007	US	P2010,0137	N
12/601,291	Published	06-Jun-2028	REMOVING 2FH CROSS TALK FOR TV		2010-0182509-A1	06-Jun-2008	US	P2010,0138	N
12/594,312	Published	31-Mar-2028	DECODER FOR SELECTIVELY DECODING PREDETERMINED DATA UNITS FROM A CODED BIT STREAM		20100118947A1	31-Mar-2008	US	P2010,0139	N

12/531,637	Published	18-Mar-2028	ERROR DETECTION		20100100798A1	18-Mar-2008	US	P2010,0140	N
12/599,048	Published	14-May-2028	METHOD OF DETERMINING AN IMAGE DISTRIBUTION FOR A LIGHT FIELD DATA STRUCTURE		2010-0232499	14-May-2008	US	P2010,0141	N
12/676,358	Published	02-Sep-2028	COLOR ENHANCEMENT		2010-0246950-A1	28-May-2010	US	P2010,0142	N
12/598,040	Published	05-May-2028	METHOD AND DEVICE FOR AGE DEPENDENT PREVENTION OF CONSUMATION OF CENSORED AUDIO AND/OR AUDIOVISUAL PROGRAMS		2010-0146535	05-May-2008	US	P2010,0143	N
12/598,017	Published	24-Apr-2028	DEVICE TO ALLOW CONTENT ANALYSIS IN REAL TIME		WO2008/135877	24-Apr-2008	US	P2010,0145	N
12/594,294	Published	03-Apr-2028	INTEGRATED CIRCUIT HAVING DATA PROCESSING STAGES AND ELECTRONIC DEVICE INCLUDING THE INTEGRATED CIRCUIT		20100131739A1	03-Apr-2008	US	P2010,0147	N
12/747,171	Published		Video signal processing		2010-0265402	10-Jun-2010	US	P2010,0148	N
13/062,135	Published		Spatial Noise Reduction Circuit and Approach Therefor		20110255606A1	04-Sep-2009	US	P2010,0149	N
12/673,015	Published	07-Aug-2028	METHOD AND DEVICE FOR IMPROVING THE VISIBILITY ESPECIALLY OF THIN LINES		20110211123A1	07-Aug-2008	US	P2010,0152	N
12/423,199	Published	14-Apr-2029	METHOD AND SYSTEM PROVIDING BACKWARD COMPATIBLE ENHANCEMENTS IN DVB-T SYSTEMS		2010-0260205-A1	14-Apr-2009	US	P2010,0153	E
13/062,898	Published		Systems and Methods for Providing Fast Video Channel Switching		20110214156A1	11-Aug-2009	US	P2010,0154	N

12/936,511	Published		TEMPORAL FALLBACK FOR HIGH FRAME RATE PICTURE RATE CONVERSION		US20110128448	06-Mar-2009	US	P2010,0155	N
12/738,070	Published	13-Oct-2028	VIDEO ENCODING USING PIXEL DECIMATION		2010-0290534-A1	13-Oct-2008	US	P2010,0157	N
12/747,885	Published		ARRANGEMENT AND APPROACH FOR MOTION-BASED IMAGE DATA PROCESSING		2011-0022418-A1	26-Dec-2008	US	P2010,0158	N
12/747,725	Published		ARRANGEMENT AND APPROACH FOR IMAGE DATA PROCESSING		2011-0019095-A1	26-Dec-2008	US	P2010,0159	N
12/681,366	Published	01-Oct-2028	PIXEL PROCESSING		2010-0266203	01-Oct-2008	US	P2010,0160	N
12/678,285	Published	12-Sep-2028	IMAGE DATA PROCESSING AND ARRANGEMENTS THEREFOR		2010-0310156	12-Sep-2008	US	P2010,0163	N
12/863,408	Published		DEVICE AND METHOD FOR DECODING DIGITAL TV BROADCAST		2010-0321568	26-Jan-2009	US	P2010,0164	N
12/600,659	Published	06-Jun-2028	A VIDEO RECEIVER		2010-0182505	06-Jun-2008	US	P2010,0165	N
12/678,283	Published	09-Sep-2028	ENCRYPTION BY PIXEL PROPERTY SEPARATION		2010-0241869	04-Jun-2010	US	P2010,0171	N
12/677,507	Published	05-Aug-2028	METHOD AND APPARATUS FOR MOTION ESTIMATION IN VIDEO IMAGE DATA		2010-0271554	05-Aug-2008	US	P2010,0172	N
12/677,523	Published	05-Aug-2028	METHOD AND APPARATUS FOR MOTION ESTIMATION AND MOTION COMPENSATION IN VIDEO IMAGE DATA		2011-0205438	05-Aug-2008	US	P2010,0173	N
	Published	05-Aug-2028	METHOD AND APPARATUS FOR LINE-BASED MOTION ESTIMATION IN VIDEO IMAGE DATA			05-Aug-2008	US	P2010,0174	N

12/681,564	Published	06-Oct-2028	METHOD AND SYSTEM FOR DECODING DIGITAL VIDEO CONTENT INVOLVING ARBITRARILY ACCESSING AN ENCODED BITSTREAM		2010-0303152	06-Oct-2008	US	P2010,0179	N
12/747,497	Pending		BLOCK MATCHING IN MOTION ESTIMATION		2012-0027262	08-Dec-2008	US	P2010,0180	N
13/141,688	Published		IMAGE PROCESSING		20110261264A1	11-Dec-2009	US	P2010,0182	N
13/123,858	Published		Device and method for motion estimation and compensation compensation		20110211075A1	21-Oct-2009	US	P2010,0184	N
13/129,751	Published		A cache management policy and corresponding device		20110246723A1	16-Nov-2009	US	P2010,0185	N
12/429,908	Published	24-Apr-2029	SYSTEM AND METHOD FOR REPLACING DATA IN A CACHE		2010-0274974-A1	24-Apr-2009	US	P2010,0187	E
12/398,042	Published	04-Mar-2029	SYSTEM AND METHOD FOR FRAME RATE CONVERSION THAT UTILIZES MOTION ESTIMATION AND MOTION COMPENSATED TEMPORAL INTERPOLATION EMPLOYING EMBEDDED VIDEO COMPRESSION		2010-0226435-A1	04-Mar-2009	US	P2010,0188	E
13/121,347	Published		PROFILE FOR FRAME RATE CONVERSION		20110234894A1	30-Sep-2009	US	P2010,0189	N
13/060,389	Pending		FRAME RATE UP-CONVERSION			17-Jul-2009	US	P2010,0190	N
12/677,508	Published	05-Aug-2028	METHOD AN APPARATUS FOR LINE BASED VERTICAL MOTION ESTIMATION AND COMPENSATION		2010-0238355	05-Aug-2008	US	P2010,0193	N

08/802,042	Granted	18-Feb-2017	PERCEPTUALLY MOTIVATED TRELLIS BASED RATE CONTROL METHOD AND APPARATUS FOR LOW BIT RATE VIDEO CODING	6,043,844		18-Feb-1997	US	P2010,0194	E
08/990,279	Granted	15-Dec-2017	CABLE MODEM OPTIMIZED FOR HIGH-SPEED DATA TRANSMISSION FROM THE HOME TO THE CABLE HEAD	5,986,691		15-Dec-1997	US	P2010,0195	E
07/994,931	Granted	28-May-2013	SIGNAL CONTROLLED PHASE SHIFTER	5,521,499		23-Dec-1992	US	P2010,0196	E
08/988,548	Granted	10-Dec-2017	DIGITAL VIDEO CONVERTER BOX FOR SUBSCRIBER/HOME WITH MULTIPLE TELEVISION SETS	5,936,660		10-Dec-1997	US	P2010,0197	N
09/491,032	Granted	10-Dec-2017	DIGITAL VIDEO CONVERTER BOX FOR SUBSCRIBER/HOME WITH MULTIPLE TELEVISION SETS	RE39,202		25-Jan-2000	US	P2010,0197	N1
07/990,524	Granted	15-Dec-2012	FINITE FIELD PARALLEL MULTIPLIER	5,272,661		15-Dec-1992	US	P2010,0198	E
07/938,109	Granted	31-Aug-2012	METHOD AND APPARATUS FOR PERFORMING FINITE FIELD DIVISION	5,379,243		31-Aug-1992	US	P2010,0199	E
08/319,427	Granted	30-Jul-2013	APPARATUS FOR, AND METHODS OF, PROVIDING A UNIVERSAL FORMAT OF PIXELS AND FOR SCALING FIELDS IN THE PIXELS	5,542,041		06-Oct-1994	US	P2010,0201	E1
08/006,823	Granted	21-Jan-2013	A SYSTEM FOR DETERMINING THE TIME AT WHICH AN ANALOG VOLTAGE CROSSES A VOLTAGE THRESHOLD	5,367,203		21-Jan-1993	US	P2010,0202	E
08/382,677	Granted	10-Sep-2013	DELAY LINE PROVIDING AN ADJUSTABLE DELAY IN RESPONSE TO BINARY	5,554,950		02-Feb-1995	US	P2010,0203	E2

			INPUT SIGNALS						
09/272,632	Granted	18-Mar-2019	AUTOMATIC POWER CONTROL IN A DATA TRANSMISSION SYSTEM	6,724,829		18-Mar-1999	US	P2010,0204	E
09/272,760	Granted	19-Mar-2019	PRODUCING SMOOTHED CLOCK AND DATA SIGNALS FROM GAPPED CLOCK AND DATA SIGNALS	6,501,809		19-Mar-1999	US	P2010,0205	E
09/450,643	Granted	22-Nov-2019	SYSTEM OF AND METHOD FOR GAMMA CORRECTION OF REAL-TIME VIDEO	6,727,959	2003-0071923	22-Nov-1999	US	P2010,0206	E
09/415,612	Granted	09-Oct-2019	METHOD AND APPARATUS FOR UPSTREAM BURST TRANSMISSIONS SYNCHRONIZATION IN CABLE MODEMS	6,526,070		09-Oct-1999	US	P2010,0207	E
09/908,759	Granted	09-Oct-2019	METHOD AND APPARATUS FOR UPSTREAM BURST TRANSMISSIONS SYNCHRONIZATION IN CABLE MODEMS	6,553,040	2001-0043622	19-Jul-2001	US	P2010,0207	E1
09/909,044	Granted	09-Oct-2019	METHOD AND APPARATUS FOR UPSTREAM BURST TRANSMISSIONS SYNCHRONIZATION IN CABLE MODEMS	6,556,591	2001-0038647	19-Jul-2001	US	P2010,0207	E2
09/668,231	Granted	20-Feb-2023	SOFT TRELLIS SLICER FOR IMPROVING THE PERFORMANCE OF A DECISION-DIRECTED PHASE TRACKER	6,882,690		22-Sep-2000	US	P2010,0208	E
10/350,303	Granted	22-Jan-2023	BURST RELIABILITY AND ERROR LOCATOR FOR TRELLIS CODES	7,103,831		22-Jan-2003	US	P2010,0209	E
09/492,962	Granted	28-Jan-2020	METHOD AND APPARATUS FOR DECODING OF A SERIALLY CONCATENATED BLOCK AND CONVOLUTIONAL	6,606,724		28-Jan-2000	US	P2010,0210	E

			CODE						
09/865,958	Granted	07-Aug-2021	ITERATIVE DECODER EMPLOYING MULTIPLE EXTERNAL CODE ERROR CHECKS TO LOWER THE ERROR FLOOR	6,810,502	2001-0025358	25-May-2001	US	P2010,0210	E1
10/892,738	Granted	23-Mar-2020	ITERATIVE DECODER EMPLOYING MULTIPLE EXTERNAL CODE ERROR CHECKS TO LOWER THE ERROR FLOOR	7,310,768	2004-0261002	16-Jul-2004	US	P2010,0210	E2
11/944,320	Granted	27-Feb-2020	ITERATIVE DECODER EMPLOYING MULTIPLE EXTERNAL CODE ERROR CHECKS TO LOWER THE ERROR FLOOR	7,568,147	2008-0072123	21-Nov-2007	US	P2010,0210	E3
11/287,630	Granted	28-Nov-2025	DECODING SYSTEMS AND METHODS	7,245,242	2007-0120711	28-Nov-2005	US	P2010,0211	E
11/760,303	Granted	28-Nov-2025	DECODING SYSTEMS AND METHODS	7,504,971	2007-0230570	08-Jun-2007	US	P2010,0211	E1
11/522,583	Published	18-Sep-2026	Multipath processing systems and methods		2008-0069250	18-Sep-2006	US	P2010,0212	E
11/233,674	Published	23-Sep-2025	De-blocking and de-ringing systems and methods		2007-0071095	23-Sep-2005	US	P2010,0214	E
11/303,876	Granted	09-Mar-2028	Multi-channel LDPC decoder architecture	7,958,424	2007-0011564	16-Dec-2005	US	P2010,0215	N
11/303,449	Granted	04-Apr-2029	EFFICIENT DECODERS FOR LDPC CODES	7,770,090		16-Dec-2005	US	P2010,0215	N1
12/848,905	Pending		EFFICIENT DECODERS FOR LDPC CODES			02-Aug-2010	US	P2010,0215	N3
11/595,546	Granted	08-Apr-2029	ERASURES ASSISTED BLOCK CODE DECODER AND RELATED METHOD	7,734,984	2007-0245208	10-Nov-2006	US	P2010,0216	N
12/781,749	Granted		ERASURES ASSISTED BLOCK CODE DECODER AND RELATED METHOD	8,065,593	20100229070A1	10-Nov-2006	US	P2010,0216	N1

12/145,288	Published	24-Jun-2028	MULTI-FORMAT STREAM RE-MULTIPLEXER FOR MULTI-PASS, MULTI-STREAM, MULTIPLEXED TRANSPORT STREAM PROCESSING		2008-0317118	24-Jun-2008	US	P2010,0217	N
12/144,319	Granted	23-Mar-2030	ENCODED DIGITAL VIDEO CONTENT PROTECTION BETWEEN TRANSPORT STREAM PROCESSOR AND DECODER	8,064,600	2008-0317249	23-Jun-2008	US	P2010,0218	N
12/405,006	Published	16-Mar-2029	MEDIA RECEIVER HUB		2009-0232077	16-Mar-2009	US	P2010,0219	N1
12/245,498	Published	03-Oct-2028	METHOD, SYSTEM, AND APPARATUS FOR EXTENDED RATE/RANGE COMMUNICATION OVER A COMMUNICATION NETWORK		2009-0092154	03-Oct-2008	US	P2010,0220	N
12/245,535	Published	03-Oct-2028	METHOD FOR EFFICIENT PACKET FRAMING IN A COMMUNICATION NETWORK		2009-0254794	03-Oct-2008	US	P2010,0221	N
10/105,731	Granted	26-Sep-2020	METHOD AND APPARATUS FOR A DEMODULATOR CIRCUIT	7,106,810	2002-0154711	26-Sep-2000	US	P2010,0222	N
10/340,577	Published	18-Oct-2020	TELEVISION RECEIVER		2004-0028161	18-Oct-2000	US	P2010,0223	N
10/340,854	Granted	31-Jan-2023	GUARD INTERVAL ANALYSIS METHOD AND APPARATUS	7,424,048	2003-0219084	04-Jul-2001	US	P2010,0224	N
12/187,220	Granted		GUARD INTERVAL ANALYSIS METHOD AND APPARATUS	7,729,414	2009-0154610	04-Jul-2001	US	P2010,0224	N1
09/516,465	Granted	01-Mar-2020	INTERRUPT DRIVEN INTERFACE COUPLING A PROGRAMMABLE MEDIA ACCESS CONTROLLER AND A PROCESS CONTROLLER	6,665,752		01-Mar-2000	US	P2010,0225	N

09/785,035	Granted	26-Jul-2022	CABLE MODEM HAVING A PROGRAMMABLE MEDIA ACCESS CONTROLLER	6,816,940	2001-0039600	16-Feb-2001	US	P2010,0225	N1
09/516,284	Granted	01-Mar-2020	PROGRAMMABLE PATTERN MATCH ENGINE	7,010,802		01-Mar-2000	US	P2010,0226	E
09/966,374	Granted	27-Sep-2021	METHOD AND APPARATUS FOR FLEXIBLY FILTERING SCHEDULING MESSAGES IN A COMMUNICATION SYSTEM	7,206,321		27-Sep-2001	US	P2010,0228	E
09/715,877	Granted	17-Nov-2020	System for carrier phase tracking of coded symbols using reliability metrics for symbol estimates	6,795,512		17-Nov-2000	US	P2010,0229	E
10/368,017	Granted	17-Nov-2020	System for carrier phase tracking of coded symbols using reliability metrics for symbol estimates	7,231,005	2004-0042566	17-Nov-2000	US	P2010,0229	E1
09/729,652	Granted	04-Dec-2020	ITERATIVE CARRIER PHASE TRACKING DECODING SYSTEM	6,856,656	2002-0097814	04-Dec-2000	US	P2010,0230	E
09/788,171	Granted	26-Mar-2022	Synchronization of a communications system	6,769,093		14-Feb-2001	US	P2010,0232	N
10/893,673	Granted	14-Feb-2021	Synchronization of a communications system	7,065,703	2004-0260985	15-Jul-2004	US	P2010,0232	N1
10/013,492	Granted	16-Aug-2023	System of and method for decoding trellis codes	6,865,711	2002-0095640	13-Dec-2001	US	P2010,0233	N1
10/013,490	Granted	20-Apr-2023	System of and method for decoding trellis codes	6,973,615		13-Dec-2001	US	P2010,0234	N1
09/815,149	Granted	10-Apr-2023	SYSTEM FOR MPSK SYMBOL HYPOTHESIS TESTING	6,922,438		22-Mar-2001	US	P2010,0235	N
09/870,926	Granted	10-Jan-2024	SNR-RELATED PARAMETER ESTIMATION METHOD AND SYSTEM	7,310,369		30-May-2001	US	P2010,0236	N

10/170,165	Granted	15-Dec-2023	METHOD AND APPARATUS FOR A MULTICARRIER RECEIVER CIRCUIT WITH GUARD INTERVAL SIZE DETECTION	7,206,361	2002-0186791	12-Jun-2002	US	P2010,0237	N
11/685,196	Granted	15-Feb-2024	Method and Apparatus for a Multicarrier Receiver Circuit With Guard Interval Size Detection	7,916,815	2008-0107214	12-Mar-2007	US	P2010,0237	N1
09/892,069	Granted	05-Aug-2024	METHOD AND APPARATUS FOR SCHEDULING UPSTREAM DATA PACKETS IN A BROADBAND COMMUNICATION SYSTEM	7,016,376		26-Jun-2001	US	P2010,0238	E
10/677,110	Granted	04-Jul-2026	FAST CHANNEL SCANNING AND ACQUISITION SYSTEM AND METHOD FOR CABLE MODEM APPLICATIONS	7,549,156	2005-0076385	01-Oct-2003	US	P2010,0239	E
10/284,121	Granted	19-Jan-2025	MULTI-RATE ENCODING AND DECODING SYSTEM	7,415,075	2004-0081251	29-Oct-2002	US	P2010,0240	E
11/013,963	Granted	14-Jan-2026	Noise Reduction Systems and Methods	7,711,044		16-Dec-2004	US	P2010,0241	N1
10/675,566	Published	30-Sep-2023	ARCHITECTURE FOR A FLEXIBLE AND HIGH-PERFORMANCE GATEWAY CABLE MODEM		2005-0071492	30-Sep-2003	US	P2010,0242	E
10/611,400	Granted	30-Jun-2023	SATELLITE TRANSCODER	7,564,892		30-Jun-2003	US	P2010,0243	E
10/867,355	Granted	14-Jun-2024	METHOD AND APPARATUS FOR EFFICIENT COMPUTATION OF CHECK EQUATIONS IN PERIODICAL LOW DENSITY PARITY CHECK (LDPC) CODES	7,685,497	2005-0223305	14-Jun-2004	US	P2010,0244	N

09/588,266	Granted	05-Jun-2020	ADAPTIVE IMAGE DATA COMPRESSION	6,724,817	6,724,817	05-Jun-2000	US	P2010,0245	E
09/736,891	Granted	13-Dec-2020	IMPLEMENTATION OF WAVELET FUNCTIONS IN HARDWARE	6,785,700	2002-0107899	13-Dec-2000	US	P2010,0246	E
11/194,085	Granted	29-Jul-2025	SYSTEMS AND METHOD FOR A DELAY LOCKED LOOP WITH FALSE-LOCK DETECTION	7,301,379		29-Jul-2005	US	P2010,0247	E
11/194,107	Granted	30-Jan-2029	SYSTEM AND METHOD FOR DETECTING KNOWN SEQUENCE IN TRANSMITTED SEQUENCE	7,720,177	2007-0025470	28-Jul-2005	US	P2010,0248	E
12/339,249	Published	19-Dec-2028	SYSTEM AND METHOD FOR GENERATING A SIGNAL WITH A RANDOM LOW PEAK TO AVERAGE POWER RATIO WAVEFORM FOR AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEM		20100158140A1	19-Dec-2008	US	P2010,0249	E
12/346,906	Published	31-Dec-2028	SYSTEM AND METHOD FOR INTRA-FRAME COMPRESSION USING PREDICTIVE CODING		2010-0166327	31-Dec-2008	US	P2010,0250	E
12/347,841	Published	31-Dec-2028	SYSTEM AND METHOD FOR VIDEO COMPRESSION USING PREDICTIVE CODING		2010-0166069	31-Dec-2008	US	P2010,0252	E
12/346,910	Published	31-Dec-2028	SYSTEM AND METHOD FOR PROVIDING FAST TRICK MODES		2010-0166079	31-Dec-2008	US	P2010,0253	E
12/346,912	Published	31-Dec-2028	SYSTEM AND METHOD FOR PROVIDING TRICK MODES		2010-0166383	31-Dec-2008	US	P2010,0254	E
13/145,104	Pending		IMAGE PROCESSING USING A BILATERAL GRID			20-Jan-2010	US	P2010,0255	N
12/836,812	Published		BACKLIGHT UNIT AND CONTROL METHOD FOR THE SAME		2011-0025725	15-Jul-2010	US	P2010,0256	N
12/821,885	Published		Fast channel switch between digital television channels		2010-0328527	23-Jun-2010	US	P2010,0257	N

12/838,248	Published		FRAME-RATE CONVERSION		2011-0019083	16-Jul-2010	US	P2010,0258	N
13/203,666	Filed		DETECTING OCCLUSION			26-Feb-2010	US	P2010,0260	N
08/519,142	Granted	24-Aug-2015	METHOD AND APPARATUS FOR DRIVING A PLURALITY OF DISPLAYS SIMULTANEOUSLY	5,874,928		24-Aug-1995	US	P2010,0262	E
08/963,931	Granted	04-Nov-2017	METHODS AND APPARATUS FOR PROCESSING DVD VIDEO	6,208,350		04-Nov-1997	US	P2010,0263	E
09/677,823	Granted	16-Jan-2018	METHODS AND APPARATUS FOR PROCESSING DVD VIDEO	6,538,658		30-Sep-2000	US	P2010,0263	E1
09/259,715	Granted	01-Mar-2019	METHOD FOR DIGITAL SYNCHRONIZATION OF VIDEO SIGNALS	6,396,545		01-Mar-1999	US	P2010,0265	E
08/725,113	Granted	29-Jun-2015	CONNECTOR SWITCH APPARATUS WHICH CAN PROVIDE EITHER A SATELLITE OR CABLE TELEVISION SIGNAL OR A GHOST-FREE OFF-AIR TELEVISION SIGNAL	5,907,371		02-Oct-1996	US	P2010,0266	E1
09/205,492	Granted	04-Dec-2018	USE OF SEQUENCING INFORMATION IN A LOCAL HEADER THAT ALLOWS PROPER SYNCHRONIZATION OF PACKETS TO SUBSIDIARY INTERFACES WITHIN THE POST-PROCESSING ENVIRONMENT OF AN MPEG-2 PACKET DEMULTIPLEXING ARCHITECTURE	6,434,146		04-Dec-1998	US	P2010,0267	E
09/205,482	Granted	04-Dec-2018	USE OF A MEMORY-BASED CIRCULAR QUEUE WITH LOCAL DESCRIPTIVE INFORMATION TO IMPLEMENT A STORAGE AREA FOR FILTERING MPEG-2 PACKETS THAT	6,434,170		04-Dec-1998	US	P2010,0268	E

			ARE DISTRIBUTED AND/OR PROCESSED UNDER THE CONTROL OF A HOST MICROPROCESSOR BY A DIRECT MEMORY ACCESS MECHANISM						
09/205,807	Granted	04-Dec-2018	MPEG-2 TRANSPORT DEMULTIPLEXOR ARCHITECTURE WITH NON-TIME-CRITICAL POST-PROCESSING OF PACKET INFORMATION	6,359,911		04-Dec-1998	US	P2010,0269	E
09/605,967	Granted	28-Jun-2020	VIDEO PROCESSING	6,774,918		28-Jun-2000	US	P2010,0270	E1
08/002,434	Granted	08-Jan-2013	COMBINATION TV RECEIVER AND TELETEXT PROCESSOR WITH ON-SCREEN MESSAGE CAPABILITY	5,386,238		08-Jan-1993	US	P2010,0271	N
08/308,471	Granted	26-Jan-2013	Television receiver with perceived contract reduction in a predetermined area of a picture where text is superimposed	5,418,576		19-Sep-1994	US	P2010,0272	N1
08/036,771	Granted	25-Mar-2013	DATA DECODER ADAPTED TO DECODE DATA OF DIFFERENT RATES AND/OF ENCODED FORMATS	5,486,865		25-Mar-1993	US	P2010,0273	N
08/635,806	Granted	22-Apr-2016	A TRANSITION RATED DEPENDENT DATA SLICER	5,715,011		22-Apr-1996	US	P2010,0274	N
08/883,732	Granted	27-Jun-2017	PEAK DETECTOR	6,208,173		27-Jun-1997	US	P2010,0275	N
09/021,260	Granted	10-Feb-2018	TELEVISION ACCESS CONTROL SYSTEM	6,020,882		10-Feb-1998	US	P2010,0276	N
09/454,352	Granted	03-Dec-2019	TELEVISION RECEIVER	6,493,037		03-Dec-1999	US	P2010,0277	N1
09/454,344	Granted	03-Dec-2019	TELEVISION RECEIVER	6,239,844	6,239,844	03-Dec-1999	US	P2010,0278	N

09/490,587	Granted	25-Jan-2020	PRODUCING A SERIES OF IMAGES FOR DISPLAY ON A DISPLAY DEVICE	6,411,338		25-Jan-2000	US	P2010,0279	N1
09/998,055	Granted	14-Oct-2022	DISPLAY DEVICE WITH ADAPTIVE SELECTION OF THE NUMBER OF SIMULTANEOUSLY DISPLAYED ROWS	6,882,332	2002-0135551	29-Nov-2001	US	P2010,0282	N
10/204,066	Granted	18-Dec-2021	DISPLAY DEVICE WITH FREELY PROGRAMMABLE MULTIPLEX RATE	6,803,897	2003-0112214	18-Dec-2001	US	P2010,0283	N
10/023,107	Granted	17-Dec-2021	ADAPTIVE PHASE CONTROL FOR CHARGE PUMPS	6,815,999	2002-0084831	17-Dec-2001	US	P2010,0284	N
10/059,428	Granted	29-Jan-2022	PROGRAMMABLE CHARGE PUMP DEVICE	6,801,077	2002-0114199	29-Jan-2002	US	P2010,0285	N
10/081,891	Granted	21-Feb-2022	ARRANGEMENT FOR DRIVING DISPLAY UNITS WITH AN ADAPTIVE START SEQUENCE	6,914,473	2002-0130708	21-Feb-2002	US	P2010,0286	N
10/297,730	Granted	08-Apr-2022	HIGH DUTY CYCLE OFFSET COMPENSATION FOR OPERATIONAL AMPLIFIERS	6,762,643	2003-0164730	08-Apr-2002	US	P2010,0287	N
10/310,729	Granted	05-Dec-2022	ARRANGEMENT FOR DRIVING A DISPLAY DEVICE	7,515,145	2003-0112212	05-Dec-2002	US	P2010,0288	N
10/518,772	Published	17-Jun-2023	CIRCUIT ARRANGEMENT FOR A DISPLAY DEVICE WHICH CAN BE OPERATED IN A PARTIAL MODE		2006-0061520	17-Jun-2003	US	P2010,0290	N
10/525,861	Granted	21-Aug-2023	VOLTAGE DOUBLER CIRCUIT	7,113,021	2006-0006924	21-Aug-2003	US	P2010,0291	N
10/532,254	Published	17-Oct-2023	Display device with charge sharing		2006-0038801	17-Oct-2003	US	P2010,0292	N
10/534,890	Published	28-Oct-2023	ADAPTIVE HYSTERESIS FOR REDUCED SWING SIGNALLING CIRCUITS		2006-0164404	28-Oct-2003	US	P2010,0293	N
10/535,698	Granted	18-Nov-2023	DISPLAY WITH REDUCED "BLOCK DIM" EFFECT	7,499,015	2006-0139283	18-Nov-2003	US	P2010,0294	N

09/455,662	Granted	07-Dec-2019	MOTION VECTOR ESTIMATION	6,996,175		07-Dec-1999	US	P2010,0296	N
07/969,630	Granted	30-Oct-2012	AMPLIFIER HAVING A SYMMETRICAL OUTPUT CHARACTERISTIC	5,343,165		30-Oct-1992	US	P2010,0301	N
08/082,071	Granted	23-Jun-2013	DATA TRANSMISSION METHOD	5,438,371		23-Jun-1993	US	P2010,0302	N
08/599,842	Granted	12-Feb-2016	MULTI-STANDARD TELEVISION RECEIVER	5,754,252		12-Feb-1996	US	P2010,0304	N
08/677,002	Granted	08-Jul-2016	CIRCUIT ARRANGEMENT FOR PROCESSING A COLOR SIGNAL AT A CARRIER FRQUENCY HIGHER THAN A CARRIER FREQUENCY AT WHICH THE COLOR SIGNAL HAD BEEN RECORDED	5,802,238		08-Jul-1996	US	P2010,0305	N
08/678,216	Granted	11-Jul-2016	COMB FILTER ARRANGEMENT	5,953,480		11-Jul-1996	US	P2010,0306	N
08/798,345	Granted	10-Feb-2017	COMB FILTER ARRANGEMENT	5,933,198		10-Feb-1997	US	P2010,0307	N
08/838,489	Granted	07-Apr-2017	Schaltungsanordnung fÃ¼r Anzeige- und Steuerungsfunktionen eines FernsehgerÃ¤tes English translation CIRCUIT ARRANGEMENT FOR INDEX AND CONTROL FUNCTIONS OF A TELEVISION APPARATUS	6,359,655		07-Apr-1997	US	P2010,0308	N
08/838,488	Granted	07-Apr-2017	Method of image segmentation	6,044,114		07-Apr-1997	US	P2010,0309	N
08/841,913	Granted	17-Apr-2017	MEASURING CIRCUIT	6,133,949		17-Apr-1997	US	P2010,0311	N
09/030,485	Granted	25-Feb-2018	FM-SOUND DEMODULATOR FOR TV SOUND SIGNALS AND METHOD OF DETECTING	6,008,693		25-Feb-1998	US	P2010,0313	N

			SOUND CARRIERS						
09/088,723	Granted	01-Jun-2018	DIGITAL ENCODING METHOD AND APPARATUS FOR REPLACING PART OF THE DATA SIGNAL WITH SYNTHETICALLY GENERATED AMPLOTUDE VALVES	6,266,096		01-Jun-1998	US	P2010,0314	N
09/554,634	Granted	18-Nov-2018	METHOD AND DEVICE FOR GRAPHIC REPRESENTATION OF AN OBJECT DEFINED BY A PLURALITY OF TRIANGLES ON A DISPLAY SURFACE	6,489,958		18-Nov-1998	US	P2010,0315	N
09/555,940	Granted	03-Nov-2018	Vorrichtung zum hierarchischen Verbinden einer Mehrzahl von Funktionseinheiten in einem Prozessor	6,675,283		03-Nov-1998	US	P2010,0316	N
09/299,525	Granted	26-Apr-2019	TELETEXT WITH TRANSPARENT FUNCTION	6,414,724	6,414,724	26-Apr-1999	US	P2010,0318	N
09/663,591	Granted	18-Sep-2020	Arrangement for coupling out an output current from a load current and for gaining a control value to control the load current	6,366,036		18-Sep-2000	US	P2010,0319	N
09/723,134	Granted	27-Nov-2020	Arrangement for determining the phase position of a data signal	6,768,773		27-Nov-2000	US	P2010,0320	N
09/722,805	Granted	27-Nov-2020	ARRANGEMENT FOR RETRIEVING DATA BITS OF A DATA SIGNAL	6,665,018	6,665,018	27-Nov-2000	US	P2010,0321	N
09/958,297	Granted	10-Apr-2020	METHOD FOR RASTERIZING A GRAPHICS BASIC COMPONENT	6,778,177	6,778,177	10-Apr-2000	US	P2010,0323	N
10/090,916	Granted	05-Mar-2022	INTERFACE MODULE FOR TV SETS	7,006,150	2002-0149707	05-Mar-2002	US	P2010,0324	N

10/144,432	Granted	13-May-2022	ARRANGEMENT FOR TIME-CORRECT COMBINATION OF TWO DATA STREAMS	6,917,387	2002-0181638	13-May-2002	US	P2010,0325	N
10/180,402	Granted	26-Jun-2022	ARRANGEMENT FOR GENERATING A DECODER CLOCK SIGNAL	7,221,726	2003-0003888	26-Jun-2002	US	P2010,0326	N
10/496,555	Granted	25-Nov-2022	COMPENSATION CIRCUIT FOR FREQUENCY FILTERS	7,499,105	2005-0007496	25-Nov-2002	US	P2010,0327	N
10/520,316	Granted	03-Jan-2027	STEREO SIGNAL PROCESSING APPARATUS	7,894,609	2005-0254659	01-Jul-2003	US	P2010,0329	N
10/534,161	Granted	27-Oct-2023	DISPLAY DEVICE WITH PIXEL INVERSION	7,443,375	2006-0158418	27-Oct-2003	US	P2010,0330	N
11/071,537	Granted	29-Aug-2023	CONTROL UNIT AND METHOD FOR REDUCING INTERFERENCE PATTERNS IN THE DISPLAY OF AN IMAGE ON A SCREEN	7,570,245	2005-0212793 A1	29-Aug-2003	US	P2010,0331	N
11/071,879	Granted	29-Aug-2023	METHOD AND APPARATUS FOR CONVERTING A COLOR IMAGE	7,643,039	2005-0243109	29-Aug-2003	US	P2010,0332	N
11/080,776	Granted	09-Sep-2023	METHOD OF ANALYZING AND MODIFYING A FOOTPRINT	7,221,372	2005-0156940	09-Sep-2003	US	P2010,0333	N
10/916,983	Granted	09-Sep-2023	METHOD FOR DETERMINING WEIGHTING FACTORS FOR THE COLOR CALCULATION OF A COLOR VALUE OF TEXELS FOR A FOOTPRINT	7,379,072	2005-007380	09-Sep-2003	US	P2010,0334	N
11/690,071	Granted	09-Sep-2023	METHOD FOR DETERMINING WEIGHTING FACTORS FOR THE COLOR CALCULATION OF A COLOR VALUE OF TEXELS FOR A FOOTPRINT	7,924,289	2007-0296731	22-Mar-2007	US	P2010,0334	N1

11/098,743	Granted	17-Oct-2023	VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG EINER FREQUENZ FÃœR DIE ABTASTUNG EINES ANALOGEN SIGNALS	7,257,499	2005-0179571	17-Oct-2003	US	P2010,0335	N
10/548,742	Granted	27-Feb-2024	TWO-DIMENSIONAL DATA MEMORY	7,355,917	2006-0218341	27-Feb-2004	US	P2010,0336	N
10/548,743	Granted	05-Mar-2024	ARRANGEMENT FOR GENERATING A 3D VIDEO SIGNAL	7,880,784	2006-0187325	05-Mar-2004	US	P2010,0337	N
10/554,530	Allowed		DIGITAL FILTER CONFIGURATION		2006-0285019	22-Apr-2004	US	P2010,0338	N
10/579,638	Published	10-Nov-2024	CIRCUIT ARRANGEMENT FOR DRIVING A DISPLAY ARRANGEMENT		2007-0273635	10-Nov-2004	US	P2010,0339	N
10/580,672	Granted	06-Dec-2024	CIRCUIT ARRANGEMENT AND METHOD FOR LOCKING ONTO AND/OR PROCESSING DATA, IN PARTICULAR AUDIO, T[ELE]V[ISION] AND/OR VIDEO DATA	7,868,949	2009-0244375	06-Dec-2004	US	P2010,0340	N
10/585,200	Published	20-Dec-2024	ARRANGEMENT FOR GENERATING A 3:2 PULL-DOWN SWITCH-OFF SIGNAL FOR A VIDEO COMPRESSION ENCODER		2007-0285564	20-Dec-2004	US	P2010,0341	N
11/631,207	Granted	30-Jun-2025	NOISE ELIMINATION DEVICE FOR THE DETECTION OF THE VERTICAL SYNC PULSE IN VIDEO SIGNALS	8,068,176	2009-190032	30-Jun-2005	US	P2010,0343	N
08/561,572	Granted	21-Nov-2015	METHOD AND SYSTEM FOR DECODING CODED VIDEO SIGNALS	6,008,849		21-Nov-1995	US	P2010,0348	N
08/413,061	Granted	29-Mar-2015	METHOD AND CIRCUIT FOR ESTIMATING MOTION BETWEEN IMAGES OF TWO INTERLACED FIELDS, AND DIGITAL SIGNAL CODING DEVICES COMPRISING SUCH A	5,648,819		29-Mar-1995	US	P2010,0349	N

			CIRCUIT						
09/568,287	Granted	10-May-2020	PROGRAMMABLE DIGITAL DEMODULATOR FOR OFDM MODULATIONS	6,754,281		10-May-2000	US	P2010,0350	N
09/663,668	Granted	18-Sep-2020	METHOD OF GLOBAL MOTION ESTIMATION BETWEEN CONSECUTIVE VIDEO PICTURES	6,707,854		18-Sep-2000	US	P2010,0351	N
09/640,734	Granted	17-Aug-2020	ARRANGEMENT WITH A PLURALITY OF PROCESSORS HAVING AN INTERFACE FOR A COLLECTIVE MEMORY	6,738,840		17-Aug-2000	US	P2010,0352	N
09/649,931	Granted	29-Aug-2020	ACCESS SCHEME FOR A COLLECTIVE RESOURCE USING A PLURALITY OF STATES	6,865,635		29-Aug-2000	US	P2010,0352	N3
09/829,790	Granted	10-Apr-2021	DETERMINING THE DEGREE OF RESEMBLANCE BETWEEN A DATA SAMPLE AND INTERPOLATIONS OF OTHER DATA SAMPLES	6,671,318	2001-0028680	10-Apr-2001	US	P2010,0354	N
10/104,911	Granted	05-Jan-2024	IMAGE CORRECTION BY COMBINING RESULTS OF MULTIPLE LINEAR FILTERS WHERE EXTREME LINEAR FILTER VALUES ARE ELIMINATED	7,301,570	2002-0145673	22-Mar-2002	US	P2010,0356	N
10/474,120	Granted	24-Dec-2024	TRANSFORM CALCULATION DEVICE	7,552,159	2004-0111458	08-Apr-2002	US	P2010,0358	N
10/222,219	Granted	16-Aug-2022	DATA ROUTING AND PROCESSING DEVICE FOR FLEXIBLY PERFORMING DIFFERENT FUNCTIONALITIES USING MULTIPLE DISTINCT PROCESSORS	7,277,964	2003-0051050	16-Aug-2002	US	P2010,0359	N

09/989,248	Granted	19-Jul-2027	VIDEO DECODING METHOD AND CORRESPONDING DECODER	7,944,966	2002-0071492	16-Nov-2001	US	P2010,0360	N
10/321,199	Granted	17-Dec-2022	OPTIMIZED DETECTION OF A WATERMARK IN AN INFORMATION SIGNAL	7,110,567	2003-0128403	17-Dec-2002	US	P2010,0361	N
10/350,938	Granted	24-Jan-2023	METHOD OF PROCESSING BINARY PROGRAM FILES	7,200,547	2003-0177167	24-Jan-2003	US	P2010,0362	N
10/507,808	Granted	11-Mar-2023	CONDITIONAL ACCESS CONTROL	7,552,343	2005-0152545	11-Mar-2003	US	P2010,0363	N
10/510,587	Granted	31-Mar-2023	DATA PROCESSING SYSTEM	7,249,244	2005-0154857	31-Mar-2003	US	P2010,0365	N
10/522,084	Granted	13-Feb-2025	DIGITAL FILTER FOR REDUCTING BLOCKING ARTIFACTS IN IMAGES	7,725,515	2005-0248363	08-Jul-2003	US	P2010,0366	N
10/522,463	Published	09-Jul-2023	DATA PROCESSING CIRCUIT		2006-0036665	09-Jul-2003	US	P2010,0367	N
10/536,732	Published	11-Nov-2023	CHIP INTEGRATED PROTECTION MEANS		2006-0156033	11-Nov-2003	US	P2010,0368	N
10/555,262	Published	28-Apr-2024	VIDEO ENCODING AND DECODING METHODS AND CORRESPONDING ENCODING AND DECODING DEVICES		2007-0140331	28-Apr-2004	US	P2010,0369	N
10/556,616	Allowed	06-May-2024	VIDEO PROCESSING DEVICE WITH LOW MEMORY BANDWIDTH REQUIREMENTS		2007-0086522	06-May-2004	US	P2010,0370	N
10/561,462	Granted	08-Jun-2024	METHOD AND DECODER FOR COMPOSING A SCENE	7,561,208	2007-0052859	08-Jun-2004	US	P2010,0371	N
10/567,224	Granted	14-Jul-2024	VIDEO ENCODING AND DECODING METHODS AND CORRESPONDING DEVICES	7,746,929	2006-0209963	14-Jul-2004	US	P2010,0372	N
10/567,397	Granted	14-Oct-2027	VIDEO ENCODING AND DECODING METHODS AND CORRESPONDING DEVICES	8,059,715	2007-0019723	14-Jul-2004	US	P2010,0373	N

10/576,666	ToBeAbandon	20-Oct-2024	POWER OPTIMIZED COLLOCATED MOTION ESTIMATION METHOD		2007-0110157	20-Oct-2004	US	P2010,0374	N
11/597,534	Published	20-May-2025	METHOD AND DEVICE FOR ENCODING DIGITAL VIDEO DATA		2007-0230574	20-May-2005	US	P2010,0377	N
10/246,169	Granted	18-Sep-2022	VARIABLE LENGTH DECODER	6,842,124	2003-0118114	18-Sep-2002	US	P2010,0378	N
10/247,977	Granted	16-Oct-2022	METHOD OF COMPILING BYTECODE TO NATIVE CODE	7,222,336	2003-0079208	16-Oct-2002	US	P2010,0379	N
10/518,259	Granted	12-Jun-2023	METHOD AND DEVICE FOR WAVELET DENOISING	7,483,685	2006-0062321	12-Jun-2003	US	P2010,0380	N
10/574,143	Allowed	01-Oct-2024	METHOD AND APPARATUS FOR PROCESSING IMAGE DATA	8,068,545	2006-0291560	01-Oct-2004	US	P2010,0382	N
08/397,021	Granted	24-Sep-2019	PHASE-COUPLED CLOCK SIGNAL GENERATOR AND CHARACTER GENERATOR COMPRISING SUCH A PHASE-COUPLED CLOCK SIGNAL GENERATOR	6,456,679		01-Mar-1995	US	P2010,0385	N3
10/211,895	Appealed		PHASE COULPED CLOCK SIGNAL GENERATOR AND CHARACTER GENERATOR COMPRISING SUCH A PHASE-COUPLED CLOCK SIGNAL GENERATOR		2002-196888	02-Aug-2002	US	P2010,0385	N4
07/968,607	Granted	29-Oct-2012	DISPLAY DEVICE INCLUDING A BLACK LEVEL SETTING CIRCUIT	5,278,476		29-Oct-1992	US	P2010,0389	N
08/148,144	Granted	04-Nov-2013	VIDEO PROCESSING SYSTEM FEATURING A CHOICE BETWEEN INTER AND INTRA FIELD PROCESSING BASED ON MOTION IN CHROMINANCE SIGNALS	5,469,227		04-Nov-1993	US	P2010,0394	N
08/704,401	Granted	04-Oct-2014	PICTURE SIGNAL ENHANCEMENT CIRCUIT INCLUDES A NON-LINEAR CIRCUIT FOR	5,734,746	5,734,746	27-Aug-1996	US	P2010,0395	N1

			ENHANCING THE PICTURE SIGNAL IN DEPENDENCE OF HISTOGRAMS MEASURED AT TRANSITIONS IN THE PICTURE SIGNAL						
08/342,981	Granted	21-Nov-2014	NON-LINEAR SIGNAL PROCESSING	5,537,071	5,537,071	21-Nov-1994	US	P2010,0396	N
08/383,392	Granted	03-Feb-2015	SORTING SEQUENTIAL DATA PRIOR TO DISTRIBUTION OVER PARALLEL PROCESSORS IN RANDOM ACCESS MANNER	5,612,863		03-Feb-1995	US	P2010,0397	N
08/515,555	Granted	16-Aug-2015	SWITCHING DEVICE FOR S CORRECTION CAPACITORS	5,703,444		16-Aug-1995	US	P2010,0399	N
08/575,801	Granted	22-Dec-2015	SINGLE FRAME BUFFER IMAGE PROCESSING SYSTEM	5,719,593		22-Dec-1995	US	P2010,0400	N
08/631,296	Granted	09-Apr-2016	LEVEL-SHIFTING CIRCUIT AND HIGH-SIDE DRIVER INCLUDING SUCH A LEVEL-SHIFTING CIRCUIT	5,742,196		09-Apr-1996	US	P2010,0403	N
08/642,017	Granted	02-May-2016	IMAGE DISPLAY APPARATUS WITH LINE NUMBER CONVERSION	5,754,244		02-May-1996	US	P2010,0404	N
08/683,995	Granted	19-Jul-2016	MULTI-MEDIA PROCESSOR ARCHITECTURE WITH HIGH PERFORMANCE-DENSITY	5,959,689	5,959,689	19-Jul-1996	US	P2010,0405	N
08/788,734	Granted	23-Jan-2017	BLACK LEVEL SETTING	5,892,337	5,892,337	23-Jan-1997	US	P2010,0407	N
08/941,642	Granted	30-Sep-2017	DEFLECTION WITH DAMPING IMPEDANCE COMPENSATION	5,969,487		30-Sep-1997	US	P2010,0410	N
09/026,449	Granted	19-Feb-2018	AMPLIFIER ARRANGEMENT	5,994,958	5,994,958	19-Feb-1998	US	P2010,0412	N
09/035,431	Granted	05-Mar-2018	ELECTRO-OPTICAL DISPLAY DEVICE WITH TEMPERATURE DETECTION AND	6,774,883	6,774,883	05-Mar-1998	US	P2010,0413	N

			VOLTAGE CORRECTION						
09/294,860	Granted	20-Apr-2019	TIMING CIRCUIT	6,313,679		20-Apr-1999	US	P2010,0417	N1
09/326,508	Granted	04-Jun-2019	Deflection correction	6,218,791		04-Jun-1999	US	P2010,0418	N1
09/344,232	Granted	25-Jun-2019	MEMORY ARRANGEMENT BASED ON RATE CONVERSION	6,489,964		25-Jun-1999	US	P2010,0419	N
09/389,827	Granted	03-Sep-2019	DISPLAY DEVICE	6,407,727	6,407,727	03-Sep-1999	US	P2010,0421	N
09/601,855	Granted	13-Dec-2019	METHOD AND APPARATUS FOR SEARCHING CHANNEL	6,765,628	6,765,628	13-Dec-1999	US	P2010,0423	N
09/497,003	Granted	02-Feb-2020	A DRIVING CIRCUIT FOR A SEMICONDUCTOR SWITCHING ELEMENT	6,348,819		02-Feb-2000	US	P2010,0424	N1
09/517,727	Granted	02-Mar-2020	CUT-OFF LEVEL SETTING	6,211,629		02-Mar-2000	US	P2010,0425	N1
09/563,301	Granted	02-May-2020	CHROMINANCE SIGNAL INTERPOLATION	6,498,609		02-May-2000	US	P2010,0426	N
09/624,522	Granted	24-Jul-2020	MOTION ESTIMATION	6,996,177		24-Jul-2000	US	P2010,0429	N
09/665,629	Granted	19-Sep-2020	CLOCK RECOVERY	6,801,591	6,801,591	19-Sep-2000	US	P2010,0430	N
09/878,682	Granted	15-May-2021	PREVENTING DOMING PHENOMENA	6,741,295	2002-0057388	15-May-2001	US	P2010,0431	N
09/856,929	Granted	25-Sep-2020	DYNAMIC S-CORRECTION	6,459,219		25-Sep-2000	US	P2010,0432	N
09/952,059	Published	14-Sep-2021	SIGNAL PROCESSING APPARATUS		2002-0052664	14-Sep-2001	US	P2010,0433	N
10/078,953	Granted	19-Feb-2022	FACILITATING MOTION ESTIMATION	7,023,920	2002-0126760	19-Feb-2002	US	P2010,0445	N

09/855,628	Granted	15-May-2021	MOTION ESTIMATOR FOR REDUCED HALOS IN MC UP-CONVERSION	7,010,039	2003-0206246	15-May-2001	US	P2010,0446	N
10/117,827	Granted	08-Apr-2022	PICTURE SIGNAL CONTRAST CONTROL	7,050,114	2003-0063221	08-Apr-2002	US	P2010,0447	N
10/483,024	Published	21-Jun-2022	Unit for and method of motion estimation and image processing apparatus provided with such motion estimation unit		2004-0190623	21-Jun-2002	US	P2010,0448	N
10/234,784	Granted	04-Sep-2022	IMAGE PROCESSOR AND IMAGE DISPLAY APPARATUS PROVIDED WITH SUCH IMAGE PROCESSOR	7,010,042	2003-0091114	04-Sep-2002	US	P2010,0449	N
10/237,814	Granted	02-Feb-2026	MOTION ESTIMATION AND/OR COMPENSATION	7,929,609	2003-0063673	09-Sep-2002	US	P2010,0450	N
10/494,503	Granted	24-Oct-2022	OCCLUSION DETECTOR FOR AND METHOD OF DETECTING OCCLUSION AREAS	7,995,793	2004-0252763	24-Oct-2002	US	P2010,0451	N
10/495,956	Granted	24-Oct-2022	IMAGE DISPLAY APPARATUS AND HIGH VOLTAGE DRIVER CIRCUIT	7,009,451	2005-0001686	24-Oct-2002	US	P2010,0452	N
10/495,947	Granted	28-Oct-2022	SIGNAL PROCESSING DEVICE FOR PROVIDING MULTIPLE OUTPUT IMAGES IN ONE PASS	7,262,807	2005-0018076	28-Oct-2002	US	P2010,0454	N
10/498,293	Granted	05-Dec-2022	DATA PROCESSING SYSTEM	7,356,670	2005-0183091	05-Dec-2002	US	P2010,0456	N
10/501,424	Granted	12-Dec-2022	UNIT FOR AND METHOD OF ESTIMATING A CURRENT MOTION VECTOR	8,073,054	2005-0063467	12-Dec-2002	US	P2010,0457	N
10/505,499	Published	05-Feb-2023	Method and apparatus for field rate up-conversion		2005-0105000	05-Feb-2003	US	P2010,0458	N
10/506,836	Granted	12-Feb-2023	A SYSTEM FOR AND METHOD OF DISPLAYING INFORMATION	7,571,450	2005-0120379	12-Feb-2003	US	P2010,0459	N

10/513,482	Granted	11-Apr-2023	VIDEO AND TEXT DISPLAY WITH REDUCED TEXT FLICKER	7,315,332	2005-0168637	11-Apr-2003	US	P2010,0460	N
10/524,968	Published	24-Jul-2023	VIDEO CIRCUIT		2005-0253784	24-Jul-2003	US	P2010,0461	N
10/527,098	Granted	06-Aug-2023	DRIVING METHOD, DRIVING CIRCUIT AND DRIVING APPARATUS FOR A DISPLAY SYSTEM	8,026,921	2006-0033726	06-Aug-2003	US	P2010,0462	N
10/531,902	Published	19-Sep-2023	MANIPULATING SUB-PICTURES OF A COMPRESSED VIDEO SIGNAL		2006-0050790	19-Sep-2003	US	P2010,0463	N
10/531,931	Granted	01-Oct-2023	IMAGE PROCESSING UNIT WITH FALL-BACK	7,949,205	2006-0045365	01-Oct-2003	US	P2010,0464	N
10/533,019	Granted	18-Oct-2024	LINE SCANNING IN A DISPLAY	7,701,450	2006-0066592	22-Oct-2003	US	P2010,0465	N
10/537,673	Published	03-Dec-2023	DRIVE APPARATUS FOR FRAME DEFLECTION AND METHOD		US-2011-0007038-A1	03-Dec-2003	US	P2010,0466	N
10/537,448	Published	27-Nov-2023	METHOD FOR IMPROVING THE PERCEIVED RESOLUTION OF A COLOUR MATRIX DISPLAY		2006-0017662	27-Nov-2003	US	P2010,0467	N
10/540,103	Granted	08-Dec-2023	APPARATUS FOR RE-ORDERING VIDEO DATA FOR DISPLAYS USING TWO TRANSPOSE STEPS AND STORAGE OF INTERMEDIATE PARTIALLY RE-ORDERED VIDEO DATA	7,551,185	2006-0061600	08-Dec-2003	US	P2010,0468	N
10/542,893	Granted	16-Dec-2023	BACKGROUND MOTION VECTOR DETECTION	7,519,230	2006-0072790	16-Dec-2003	US	P2010,0469	N
10/784,019	Granted	20-Feb-2024	SAWTOOTH LINE CIRCUIT FOR A CATHODE RAY TUBE	7,064,501	2004-0218105	20-Feb-2004	US	P2010,0470	N
10/552,778	Granted	08-Apr-2024	DATA PROCESSING IN WHICH CONCURRENTLY EXECUTED PROCESSES COMMUNICATE VIA A FIFO BUFFER	7,594,046	2007-0133399	08-Apr-2004	US	P2010,0471	N

10/552,800	Granted	13-Apr-2024	COMPUTER GRAPHICS PROCESSOR AND METHOD FOR GENERATING A COMPUTER GRAPHICS IMAGE	7,525,553	2006-0232596	13-Apr-2004	US	P2010,0472	N
10/563,849	Granted	05-Jul-2031	MOTION-COMPENSATED IMAGE SIGNAL INTERPOLATION	7,974,342	2006-0159175	01-Jul-2004	US	P2010,0474	N
10/564,921	Granted	21-Jul-2024	SYSTEM FOR ADAPTIVE RESAMPLING IN TEXTURE MAPPING	7,532,220	2006-0232598	21-Jul-2004	US	P2010,0475	N
10/565,816	Published	14-Jul-2024	HANDLING FEATURE AVAILABILITY IN A BROADCAST		2006-0179465	14-Jul-2004	US	P2010,0476	N
10/569,681	Granted	23-Aug-2024	TEMPORAL INTERPOLATION OF A PIXEL ON BASIS OF OCCLUSION DETECTION	7,536,031	2007-0002058	23-Aug-2004	US	P2010,0477	N
10/571,808	Published	31-Aug-2024	MOTION VECTOR FIELD RE-TIMING		2007-0092111	31-Aug-2004	US	P2010,0478	N
10/577,105	Allowed	19-Oct-2024	MOTION VECTOR FIELDS REFINEMENT TO TRACK SMALL FAST MOVING OBJECTS		2007-0081096	19-Oct-2004	US	P2010,0479	N
10/584,501	Published	21-Dec-2024	COMPUTER GRAPHICS PROCESSOR AND METHOD OF RENDERING IMAGES		2007-0146381	21-Dec-2004	US	P2010,0481	N
10/587,604	Published	20-Jan-2025	DISPLAYING ON A MATRIX DISPLAY		2007-0159490	20-Jan-2005	US	P2010,0482	N
11/579,357	Granted	12-Nov-2025	GRAPHICS PIPELINE FOR RENDERING GRAPHICS	8,059,133	2009-0167776	29-Apr-2005	US	P2010,0485	N
11/569,173	ToBeAbandon	17-May-2025	MOTION ESTIMATION IN INTERLACED VIDEO IMAGES		2007-0242750	17-May-2005	US	P2010,0487	N
11/570,800	Granted	21-Jun-2025	MOTION ESTIMATION WITH VIDEO MODE DETECTION	7,881,500	2007-0165957	21-Jun-2005	US	P2010,0489	N
11/572,914	Allowed	18-Jul-2025	EXTRACTION OF DATA FROM A TELEVISION SIGNAL USING AN ADAPTABLE SLICING LEVEL	8081258	2008-0192148	18-Jul-2005	US	P2010,0490	N

11/574,344	Published	30-Aug-2025	CHEAP MOTION BLUR REDUCTION (ECO-OVERDRIVE) FOR LCD VIDEO/GRAPHICS PROCESSORS		2008-0279470	30-Aug-2005	US	P2010,0491	N
11/722,557	Published	19-Dec-2025	VIDEO STREAM MODIFIER		2008-0304561	19-Dec-2005	US	P2010,0492	N
09/709,997	Granted	10-Nov-2020	HIGH QUALITY VIDEO AND GRAPHICS PIPELINE	6,646,688	6,646,688	10-Nov-2000	US	P2010,0494	E
09/973,309	Granted	09-Oct-2021	HIGH QUALITY, COST-EFFECTIVE FILM-TO-VIDEO CONVERTER FOR HIGH DEFINITION TELEVISION	6,847,406	2002-0093588	09-Oct-2001	US	P2010,0496	N
09/713,412	Granted	15-Nov-2020	ON THE FLY DATA TRANSFER BETWEEN RGB AND YCRCB COLOR SPACES FOR DCT INTERFACE	6,940,523	6,940,523	15-Nov-2000	US	P2010,0497	E
09/812,437	Granted	20-Mar-2021	LOW-COST HIGH-SPEED MULTIPLIER/ACCUMULATOR UNIT FOR DECISION FEEDBACK EQUALIZERS	6,993,071	2002-0163961	20-Mar-2001	US	P2010,0498	E
09/822,454	Granted	30-Mar-2021	INITIALIZATION SCHEME FOR A HYBRID FREQUENCE-TIME DOMAIN EQUALIZER	6,856,649	2002-0168002	30-Mar-2001	US	P2010,0506	E
09/981,143	Granted	16-Oct-2021	SELECTIVE DECODING OF ENHANCED VIDEO STREAM	7,039,113	2003-0072375	16-Oct-2001	US	P2010,0508	E
10/003,062	Granted	02-Nov-2021	APPARATUS AND METHOD FOR PARALLEL MULTIMEDIA PROCESSING	7,116,712	2003-0085902	02-Nov-2001	US	P2010,0509	E
09/966,038	Published	28-Sep-2021	DYNAMIC SAMPLING		2003-0063219	28-Sep-2001	US	P2010,0510	E
09/871,198	Granted	31-May-2021	RECONFIGURABLE DIGITAL FILTER HAVING MULTIPLE FILTERING MODES	6,963,890	2002-0184275	31-May-2001	US	P2010,0511	E
09/895,965	Granted	29-Jun-2021	COLOR KEY PRESERVATION DURING SAMPLE RATE CONVERSION	6,714,257	2003-0001973	29-Jun-2001	US	P2010,0513	E

10/046,533	Granted	26-Oct-2021	LINE-BUFFER REUSE IN VERTICAL PIXEL-PROCESSING ARRANGEMENT FOR VIDEO RESIZING	6,765,622	2003-0081858	26-Oct-2001	US	P2010,0514	E
10/044,877	Granted	26-Oct-2021	MOTION COMPENSATION WITH SUBBLOCK SCANNING	6,999,514	2003-0081680	26-Oct-2001	US	P2010,0515	E
10/044,876	Granted	26-Oct-2021	VIDEO ARTIFACT IDENTIFICATION AND COUNTING	7,352,814	2003-0081835	26-Oct-2001	US	P2010,0516	E
10/045,929	Granted	06-May-2029	PIXEL-DATA LINE BUFFER APPROACH HAVING VARIABLE SAMPLING PATTERNS	7,750,979	2003-0081684	26-Oct-2001	US	P2010,0517	E
09/961,125	Granted	21-Sep-2021	SCALABLE HOME CONTROL PLATFORM AND ARCHITECTURE	7,257,661	2003-0061427	21-Sep-2001	US	P2010,0519	E
10/184,518	Granted	02-Jun-2029	METHOD OF CONSTRUCTING MPEG PROGRAM STREAMS FROM ENCRYPTED MPEG TRANSPORT STREAMS	7,933,411	2004-0001592	28-Jun-2002	US	P2010,0520	E
10/183,779	Granted	07-Nov-2026	METHOD AND APPARATUS FOR TRICK-MODE SUPPORT OF AUDIO/VIDEO/DATA STREAMS WITH CONDITIONAL ACCESS	7,539,391	2004-0001693	27-Jun-2002	US	P2010,0521	E
10/183,798	Granted	08-Sep-2024	ROBUST METHOD FOR ACHIEVING AUDIO/VIDEO SYNCHRONIZATION IN MPEG DECODERS IN PERSONAL VIDEO RECORDING APPLICATIONS	7,315,622	2004-0001591	27-Jun-2002	US	P2010,0522	E
10/185,905	Granted	28-Jun-2022	Method and apparatus for conversion of video formats to 120 Hz 4 to 1 interlaced formats	7,961,251	2004-0001159	28-Jun-2002	US	P2010,0523	E
10/207,311	Granted	29-Jul-2022	Video data filtering arrangement and method	7,084,929	2004017515	29-Jul-2002	US	P2010,0524	E

10/245,984	Granted	18-Sep-2022	BLOCK-BASED ROTATION OF ARBITRARY-SHAPED IMAGES	7,376,286	2004-0052431	18-Sep-2002	US	P2010,0525	E
10/536,648	Granted	26-Nov-2023	METHOD AND APPARATUS FOR SELECTING PARTICULAR DECODER BASED ON BITSTREAM FORMAT DETECTION	7,167,108	2006-0114136	26-Nov-2003	US	P2010,0526	N
10/536,647	Granted	26-Nov-2023	SYNCHRONIZATION OF SIGNALS	7,552,352	2006-053455	26-Nov-2003	US	P2010,0527	N
10/536,645	Granted	26-Nov-2023	METHOD OF AUTOMATICALLY TESTING AUDIO-VIDEO SYNCHRONIZATION	7,924,929	2006-0098742	26-Nov-2003	US	P2010,0528	N
10/537,890	Published	12-Dec-2023	Inter set top box personal messaging without using internet		2006-0140169	12-Dec-2003	US	P2010,0529	N
10/537,875	Published	12-Dec-2023	METHOD FOR A MOSAIC PROGRAM GUIDE		2006-0039481	12-Dec-2003	US	P2010,0530	N
10/539,196	Granted	17-Dec-2023	DEDICATED ENCRYPTED VIRTUAL CHANNEL IN A MULTI-CHANNEL SERIAL COMMUNICATIONS INTERFACE	7,673,140	2006-0059213	17-Dec-2003	US	P2010,0531	N
10/537,889	Published	12-Dec-2023	ENHANCING VIDEO IMAGES DEPENDING ON PRIOR IMAGE ENHANCEMENTS		2006-0153287	12-Dec-2003	US	P2010,0532	N
10/552,105	Granted	02-Apr-2024	RUNTIME CONFIGURABLE VIRTUAL VIDEO PIPELINE	7,542,041	2006-0197765	02-Apr-2004	US	P2010,0533	N
10/555,518	Granted	03-May-2024	BIASED MOTION VECTOR INTERPOLATION FOR REDUCED VIDEO ARTIFACTS	8,073,055	2006-0239353	03-May-2004	US	P2010,0534	N
10/560,713	Published	29-Jun-2024	TRICK PLAY USING CRT SCAN MODES		2006-0146040	29-Jun-2004	US	P2010,0535	N
10/585,443	Published	04-Jan-2025	DISTRIBUTING CANDIDATE VECTORS BASED ON LOCAL		2009-0207313	04-Jan-2005	US	P2010,0536	N

			MOTION COMPLEXITY						
10/594,022	Published	23-Mar-2025	MULTIPLE DESCRIPTION CODING VIDEO TRANSMISSION USING DE-INTERLACING MECHANISMS		2010-0033622	23-Mar-2005	US	P2010,0538	N
11/568,512	ToBeAbandoned	03-May-2025	HIGH FRAME RATE MOTION COMPENSATED COLOR SEQUENCING SYSTEM AND METHOD		2008-0253455	03-May-2005	US	P2010,0539	N
11/575,487	Published	16-Sep-2025	MEMORY OPTIMIZATION FOR VIDEO PROCESSING		2011-0099330-A1	16-Sep-2005	US	P2010,0540	N
11/575,064	Granted	29-Apr-2027	APPARATUS FOR DRIVING MATRIX-TYPE LCD PANELS AND A LIQUID CRYSTAL DISPLAY BASED THEREON	7,750,898	2008-0018639	08-Sep-2005	US	P2010,0554	N
07/877,565	Granted	30-Apr-2012	APPARATUS AND METHOD FOR SEARCH TUNING OF SATELLITE TELEVISION SOUND CARRIERS	5,268,712		30-Apr-1992	US	P2010,0697	N
08/283,926	Granted	01-Aug-2014	METHOD OF REDUCING NOISE SIGNALS CAUSED BY FLUCTUATIONS IN POWER REQUIREMENTS OF DIGITAL SIGNAL PROCESSOR HAVING RECURRI	5,446,852		01-Aug-1994	US	P2010,0698	N
08/249,861	Granted	26-May-2014	CLOCK-GENERATING CIRCUIT FOR CLOCK-CONTROLLED LOGIC CIRCUITS	5440250		26-May-1994	US	P2010,0699	N
08/754,144	Granted	22-Nov-2016	SIGNAL MODIFICATION CIRCUIT	5,822,437		22-Nov-1996	US	P2010,0700	N
08/696,032	Granted	09-Aug-2016	EQUALIZER FOR DIGITIZED SIGNALS	5,714,918		09-Aug-1996	US	P2010,0701	N
08/854,922	Granted		STEREOPHONIC SOUND SYSTEM	6122381		13-May-1997	US	P2010,0703	X

09/412,921	Granted		METHOD AND APPARATUS FOR DETERMINING THE ENERGY OF A SIGNAL	6232762		05-Oct-1999	US	P2010,0705	X
09/812,232	Granted		METHOD AND APPARATUS FOR DETERMINING THE ENERGY OF A SIGNAL	6573697	2002-0101228	19-Mar-2001	US	P2010,0705	XX
09/249,524	Granted		Carrier generations facility for a digital MPX-signal demodulation micronas intermetall GMBH	6351631		12-Feb-1999	US	P2010,0706	X
09/325,930	Granted		Frequency converter for a television signal	7468761		04-Jun-1999	US	P2010,0707	X
09/357,006	Granted		Audio source selection circuit	7162038		19-Jul-1999	US	P2010,0708	X
10/030,521	Granted		Apparatus and method for processing an audio signal to compensate for the frequency response of loudspeakers	7317800		26-May-2000	US	P2010,0709	X
09/897,722	Granted		Adaptive signal weighting system	7046750		02-Jul-2001	US	P2010,0710	X
11/398,431	Granted		Adaptive signal weighting system	7397873	2006-0181640	05-Apr-2006	US	P2010,0710	XX
09/716,167	Granted	17-Nov-2020	APPARATUS FOR GENERATING HARMONICS IN AN AUDIO SIGNAL	6,792,115	6,792,115	17-Nov-2000	US	P2010,0711	N
10/401,105	Granted	27-Mar-2023	Clocking scheme and clock system for a monolithic integrated circuit	6954093	20040189366	27-Mar-2003	US	P2010,0712	X
10/115,267	Granted		Device and method for detecting and suppressing noise	7133478	2002-0141519	02-Apr-2002	US	P2010,0713	X
10/152,159	Granted		Circuit for improving the intelligibility of audio signals containing speech	7418379	2002-0173950	20-May-2002	US	P2010,0714	X

10/779,317	Granted		Compensation circuit and compensation method to compensate nonlinear distortions of an A/D converter	7330141	20040233083	13-Feb-2004	US	P2010,0715	N
11/274,901	Granted		Method and circuit for channel filtering of analog or digitally modulated TV signals	7593065	2006-0103766	14-Nov-2005	US	P2010,0716	N
11/202,636	Granted	11-Aug-2025	NOISE SHAPER CIRCUIT AND METHOD FOR REDUCING SWITCHING NOISE	7,233,271	2006-0044166	11-Aug-2005	US	P2010,0718	N
11/189,009	Published	25-Jul-2025	Method and device for noise suppression in a data processing arrangement		2006-0034468	25-Jul-2005	US	P2010,0719	N
11/243,489	Granted	16-Jun-2027	Method and circuit arrangement for suppressing an orthogonal perturbation	7,920,653	2006-0072686	04-Oct-2005	US	P2010,0720	N
11/237,611	Published	28-Sep-2025	Circuit and method for recovering a carrier		2006-0067431	28-Sep-2005	US	P2010,0721	N
11/249,020	Granted	11-Oct-2025	SPEECH DETECTION AND PROCESSING TO DETECT AND PROCESS SPEECH COMPONENTS IN AN AUDIO SIGNAL	8,005,672	2006-0080089	11-Oct-2005	US	P2010,0722	N
11/492,712	Granted		Linearization circuit with digital element matching for digital-to-analog converters	7304593	2007-0018869	25-Jul-2006	US	P2010,0723	X
11/503,673	Granted	14-Aug-2026	MEMORY ACCESS CONTROL IN A MULTIPROCESSOR SYSTEM	7,689,779	2007-0038817	14-Aug-2006	US	P2010,0724	N
12/749,011	Granted	14-Aug-2026	MEMORY ACCESS CONTROL IN A MULTIPROCESSOR SYSTEM	8,095,743	20100235589A1	29-Mar-2010	US	P2010,0724	N1
11/515,353	Granted	01-Sep-2026	PROCESSOR FOR PROCESSING DATA USING ACCESS ADDRESSES LINKED TO THE DATA TYPE OF THE PROCESSED DATA	7,769,989	2007-0118727	01-Sep-2006	US	P2010,0725	N

12/239,318	Granted	02-Oct-2028	CASCADED INTEGRATED COMB FILTER WITH FRACTIONAL INTEGRATION	7,750,832	2009-0079600	26-Sep-2008	US	P2010,0726	N
12/355,234	Published	16-Jan-2029	Method for the data transfer between at least two clock domains		2009-0193285	16-Jan-2009	US	P2010,0727	N
12/467,963	Published	18-May-2029	Device and Method for Producing a Surround Sound		2009-0285420	18-May-2009	US	P2010,0728	N
09/323,564	Granted		Method and circuit configuration for producing a sequence of progressive images	6262774		01-Jun-1999	US	P2010,0731	N
09/806,603	Granted		Circuit for frame rate conversion using a motion-adaptive method	6,909,466		15-Sep-1999	US	P2010,0732	N
10/239,445	Granted		Method and device for generating a clock signal that is coupled to a reference signal	7065028	20030156670	20-Mar-2001	US	P2010,0733	N
09/859,684	Granted		Method and apparatus for measuring the noise contained in a picture	7064793	2002-0080283	17-May-2001	US	P2010,0734	N
10/276,847	Granted		Digital clock generator	7339412	20030151440	17-May-2001	US	P2010,0735	N
10/048,730	Granted		Method and device for phase correction of a vertically distorted digital image	7,095,446	2002-0176021	25-May-2001	US	P2010,0736	N
10/252,786	Granted		Device and method for sub-band decomposition of image signals	7,181,084	20030086105	23-Sep-2002	US	P2010,0737	N
10/872,151	Granted		Method and device for filtering a video signal	7318079	20050091296	18-Jun-2004	US	P2010,0738	N
11/098,587	Granted		Method and device for interpolating a pixel of an interline of a field	7391476	20050220365	04-Apr-2005	US	P2010,0739	N
11/297,123	Granted	07-Dec-2025	METHOD OF SCALING A GRAPHIC CHARACTER	7,532,216	2006-0119624	07-Dec-2005	US	P2010,0741	N

11/212,122	Published	25-Aug-2025	Method for encoding a first and a second data word		2006-0045178	25-Aug-2005	US	P2010,0743	N
11/618,337	Granted	29-Dec-2026	METHOD AND DEVICE FOR INTERLINE INTERPOLATION	7,982,799	2007-0153124	29-Dec-2006	US	P2010,0744	N
11/540,484	Granted	28-Sep-2026	Iterative method of interpolating image information values	7,843,509	2007-0236601	28-Sep-2006	US	P2010,0745	N
12/228,248	Published		Method for reducing image artifacts		2009-0060371	11-Aug-2008	US	P2010,0746	N
12/628,748	Published	01-Dec-2029	VerstÃ¤rker und VerstÃ¤rkerschaltung mit geschalteter KapazitÃ¤t		20100171551A1	01-Dec-2009	US	P2010,0747	N
09/384,809	Granted	27-Aug-2019	Motion and Edge Adaptive Deinterlacing	6,421,090		27-Aug-1999	US	P2010,0975	
09/443,054	Granted	18-Nov-2019	User Interface for Control of a Display Device	6,552,738	2003-0081005	18-Nov-1999	US	P2010,0976	
09/442,868	Granted	18-Nov-2019	Method and Apparatus for Communicating Digital Data From a Computer System to a Display Device	7,486,283		18-Nov-1999	US	P2010,0982	
11/489,091	Granted	19-Mar-2029	Method And System For Reducing Mosquito Noise In A Digital Image	7,778,482	20080018755A1	19-Jul-2006	US	P2010,0983	
10/132,746	Granted	28-Jul-2023	Method and System for Motion and Edge-Adaptive Signal Frame Rate Up-Conversion	6,975,359	2004-0130661-A1	25-Apr-2002	US	P2010,0984	
10/318,618	Granted	13-Dec-2022	Method and System for Advanced Edge-Adaptive Interpolation for Interlace-to-Progressive Conversion	7,242,819	2004-0114833-A1	13-Dec-2002	US	P2010,0985	
12/366,594	Published		Dual Layer Printed Circuit Board		2010-0195277-A1	05-Feb-2009	US	P2010,0986	
11/472,588	Published		Method Ad Systems For Frame Insertion In A Digital Display System		2007-0296655-A1	22-Jun-2006	US	P2010,0988	

10/038,277	Pending		Method and System for Single Chip Integration of 3d Y/C Comb Filter and Interface-to-Progressive Converter			20-Oct-2001	US	P2010,0989	
11/210,296	Granted	14-Jun-2027	Method For Reducing Mosquito Noise	7,734,089	2007-0053608-A1	23-Aug-2005	US	P2010,0990	
10/912,646	Granted	01-Jan-2027	System and Method for Automatically Adjusting The Clock Phase Of A Display In Real-Time	7,554,519	2006-0028460-A1	04-Aug-2004	US	P2010,0991	
10/961,863	Pending		System And Method For Automatically Controlling The Phase Of A Clock Signal For Sampling An HDTV Signal			08-Oct-2004	US	P2010,0992	
10/912,647	Granted	03-Jan-2026	System and Method for Overlaying Images from Multiple Video Sources On A Display Device	7,250,983	2006-0028583-A1	04-Aug-2004	US	P2010,0993	
11/197,561	Pending		System and Method for Protecting Data Stored in the Control Registers of an Integrated Circuit			03-Aug-2005	US	P2010,0994	
12/202,321	Published		Systems and Methods of Image Processing Including Removal of Discontinuous Ramp and/or Smoothing Features		2010-0053202-A1	31-Aug-2008	US	P2010,0996	
11/874,096	Published		Systems And Methods Of Motion And Edge Adaptive Processing Including Motion Compensation		2009-0102966-A1	17-Oct-2007	US	P2010,0997	
61/388,549	Pending	30-Sep-2011	A method to render 3D images from a 2D source			30-Sep-2010	US	P2010,0998	E
61/409,835	Pending	03-Nov-2011	A method to render 3D images from a 2D source			03-Nov-2010	US	P2010,0998	E1
13/250,895	Pending		System and Method to Render 3D Images From a 2D Source			30-Sep-2011	US	P2010,0998	

13/231,891	Pending		SUBTITLE DETECTION SYSTEM AND METHOD TO TELEVISION VIDEO			13-Sep-2011	US	P2010,1003	01
09/251,502	Granted	17-Feb-2019	Audio playback apparatus	6,151,580		17-Feb-1999	US	P2011,0378	N
12/375,563	Final Rejection Mailed 3/21/12		DEVICE AND PROCESS FOR DATA RATE ACQUISITION		20090262874		US		
12/529,409	Non Final Action Mailed 03-02-2012		ROBUST SENSING FOR DETECTING SIGNALS USING CORRELATION		20100035568		US		
13/145,504	Docketed New Case - Ready for Examination		IMAGE PROCESSING USING A BILATERAL GRID		20110299769		US		