

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7866174

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
MIND FUSION, LLC	02/14/2023

RECEIVING PARTY DATA

Name:	INTELLECTUAL VENTURES ASSETS 191 LLC
Street Address:	251 LITTLE FALLS DRIVE
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19808
Name:	INTELLECTUAL VENTURES ASSETS 186 LLC
Street Address:	251 LITTLE FALLS DRIVE
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19808

PROPERTY NUMBERS Total: 1110

Property Type	Number
Patent Number:	6163794
Patent Number:	6839733
Patent Number:	7949752
Patent Number:	8326914
Patent Number:	7024465
Patent Number:	8204962
Patent Number:	8700742
Patent Number:	6956570
Patent Number:	6836815
Patent Number:	6961803
Patent Number:	7275112
Patent Number:	7234018
Patent Number:	7249214
Patent Number:	7479960
Patent Number:	7565475

PATENT

Property Type	Number
Patent Number:	7275126
Patent Number:	7607134
Patent Number:	7584320
Patent Number:	7289826
Patent Number:	7444157
Patent Number:	7826854
Patent Number:	6704579
Patent Number:	6597733
Patent Number:	RE42021
Patent Number:	RE41936
Patent Number:	RE41655
Patent Number:	7567532
Patent Number:	7609631
Patent Number:	7099921
Patent Number:	7240035
Patent Number:	6519336
Patent Number:	6560440
Patent Number:	RE40057
Patent Number:	RE41027
Patent Number:	7369841
Patent Number:	7542755
Patent Number:	7706775
Patent Number:	8101000
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Patent Number:	6646555
Patent Number:	6895226
Patent Number:	7366466
Patent Number:	RE40970
Patent Number:	7260372
Patent Number:	7855637
Patent Number:	RE42604
Patent Number:	6229259
Patent Number:	6873098
Patent Number:	7138652
Patent Number:	7611393
Patent Number:	6607968

Property Type	Number
Patent Number:	6791684
Patent Number:	7429859
Patent Number:	RE41841
Patent Number:	7573263
Patent Number:	RE44007
Patent Number:	7903544
Patent Number:	6591286
Patent Number:	6680738
Patent Number:	RE39578
Patent Number:	RE41967
Patent Number:	RE43235
Patent Number:	6668218
Patent Number:	RE42546
Patent Number:	6606265
Patent Number:	RE40976
Patent Number:	6614242
Patent Number:	7325637
Patent Number:	6771968
Patent Number:	6738458
Patent Number:	6760734
Patent Number:	6721406
Patent Number:	7054644
Patent Number:	RE41692
Patent Number:	7627324
Patent Number:	6624766
Patent Number:	RE41517
Patent Number:	7555008
Patent Number:	6577788
Patent Number:	RE41610
Patent Number:	6978452
Patent Number:	6414661
Patent Number:	6560398
Patent Number:	6541919
Patent Number:	6683665
Patent Number:	6639281
Patent Number:	RE41603
Patent Number:	6701479
Patent Number:	6679636

Property Type	Number
Patent Number:	6732228
Patent Number:	RE41840
Patent Number:	RE40991
Patent Number:	RE42135
Patent Number:	8868641
Patent Number:	9866564
Patent Number:	10469502
Patent Number:	6163659
Patent Number:	6678075
Patent Number:	6707583
Patent Number:	6721072
Patent Number:	6809842
Patent Number:	6578845
Patent Number:	6710899
Patent Number:	RE42823
Patent Number:	RE43087
Patent Number:	RE41094
Patent Number:	RE40974
Patent Number:	6575363
Patent Number:	6452187
Patent Number:	6723978
Patent Number:	RE42178
Patent Number:	7039722
Patent Number:	6317882
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Patent Number:	6772169
Patent Number:	7496554
Patent Number:	RE41902
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Patent Number:	6587091
Patent Number:	6571066
Patent Number:	6499892
Patent Number:	7218914
Patent Number:	7406708
Patent Number:	7752656
Patent Number:	8676158

Property Type	Number
Patent Number:	6813341
Patent Number:	7292678
Patent Number:	7136465
Patent Number:	RE41080
Patent Number:	7791471
Patent Number:	6618046
Patent Number:	6985743
Patent Number:	6422775
Patent Number:	6693637
Patent Number:	6747653
Patent Number:	6897857
Patent Number:	7298371
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Patent Number:	7063619
Patent Number:	6682427
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Patent Number:	7113738
Patent Number:	RE43207
Patent Number:	7415120
Patent Number:	6311155
Patent Number:	6442278
Patent Number:	6912501
Patent Number:	6650755
Patent Number:	7337111
Patent Number:	8170884
Patent Number:	8284960
Patent Number:	6690956
Patent Number:	6764018
Patent Number:	6782421
Patent Number:	7957773
Patent Number:	7574377
Patent Number:	7233909
Patent Number:	6724861
Patent Number:	6072878
Patent Number:	6904152
Patent Number:	7606373
Patent Number:	6788927
Patent Number:	7053925

Property Type	Number
Patent Number:	7006165
Patent Number:	7230746
Patent Number:	7295200
Patent Number:	7379219
Patent Number:	7417634
Patent Number:	7768684
Patent Number:	7649532
Patent Number:	RE44889
Patent Number:	RE43203
Patent Number:	6441895
Patent Number:	6578022
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Patent Number:	7730008
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Patent Number:	8219516
Patent Number:	6600517
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Patent Number:	6370197
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Patent Number:	7925271
Patent Number:	6459462
Patent Number:	7103348
Patent Number:	6920154
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Patent Number:	6592210
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Patent Number:	7426210

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Patent Number:	7773608
Patent Number:	5977951
Patent Number:	6067095
Patent Number:	6317714
Patent Number:	6415439
Patent Number:	5912454
Patent Number:	6742188
Patent Number:	6032548
Patent Number:	6937289
Patent Number:	7477320
Patent Number:	7787050
Patent Number:	7010751
Patent Number:	6970844
Patent Number:	RE43905
Patent Number:	7668936
Patent Number:	8352543
Patent Number:	8819126
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Patent Number:	7929034
Patent Number:	6729616
Patent Number:	6556638
Patent Number:	7020189
Patent Number:	6618333
Patent Number:	6967915
Patent Number:	6836895
Patent Number:	6516313
Patent Number:	6763276
Patent Number:	6650335
Patent Number:	6919903
Patent Number:	6650306
Patent Number:	6704882
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Patent Number:	7983960
Patent Number:	8260682
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Patent Number:	6785513
Patent Number:	7764829
Patent Number:	6888915

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Patent Number:	6819246
Patent Number:	7079814
Patent Number:	RE43543
Patent Number:	6707472
Patent Number:	6647389
Patent Number:	6532395
Patent Number:	6732853
Patent Number:	6732003
Patent Number:	6467824
Patent Number:	7155813
Patent Number:	6795282
Patent Number:	7540411
Patent Number:	8083137
Patent Number:	8175929
Patent Number:	6549986
Patent Number:	6501589
Patent Number:	D543953
Patent Number:	6870346
Patent Number:	6898571
Patent Number:	7251278
Patent Number:	6891860
Patent Number:	7086051
Patent Number:	7746824
Patent Number:	7853487
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Patent Number:	7010544
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Patent Number:	6524885
Patent Number:	6933617
Patent Number:	6678251
Patent Number:	7012897
Patent Number:	6704718
Patent Number:	6792093
Patent Number:	6788772
Patent Number:	5926526
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Patent Number:	6847886
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Patent Number:	6778702
Patent Number:	6609235
Patent Number:	6473054
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Patent Number:	6658410
Patent Number:	6753882
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Patent Number:	6600307
Patent Number:	6567046
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Patent Number:	6445346
Patent Number:	6731825
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Patent Number:	6711011
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Patent Number:	7978210
Patent Number:	RE43742
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Patent Number:	6678323
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Patent Number:	7822663
Patent Number:	7237199
Patent Number:	7136065
Patent Number:	7138999
Patent Number:	6668258
Patent Number:	6572969
Patent Number:	6521342
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Patent Number:	6873976
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Patent Number:	7046252
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Patent Number:	6622056
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Patent Number:	6741686
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Patent Number:	6722801

Property Type	Number
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Patent Number:	6637887
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Patent Number:	6587174
Patent Number:	6618097
Patent Number:	6924786
Patent Number:	6606099
Patent Number:	6621886
Patent Number:	6606139
Patent Number:	6788371
Patent Number:	6912028
Patent Number:	6330356
Patent Number:	6772139
Patent Number:	7233950
Patent Number:	7877407
Patent Number:	6775124
Patent Number:	6734996
Patent Number:	6585250
Patent Number:	6933928
Patent Number:	6184789
Patent Number:	7296042
Patent Number:	7367029
Patent Number:	7565176
Patent Number:	RE43585
Patent Number:	7031945
Patent Number:	7162454

Property Type	Number
Patent Number:	7216109
Patent Number:	7280975
Patent Number:	7203665
Patent Number:	7343350
Patent Number:	7379891
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Patent Number:	7346688
Patent Number:	7827301
Patent Number:	7568046
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Patent Number:	6603568

Property Type	Number
Patent Number:	8019990
Patent Number:	8621206
Patent Number:	6721948
Patent Number:	6414512
Patent Number:	6909752
Patent Number:	7076105
Patent Number:	8238881
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Patent Number:	8204881
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Patent Number:	6545539
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Property Type	Number
Patent Number:	6819326
Patent Number:	6791498
Patent Number:	6489961
Patent Number:	6101484
Patent Number:	6934690
Patent Number:	7107230
Patent Number:	7194427
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Property Type	Number
Patent Number:	6904995
Patent Number:	6914347
Patent Number:	6733133
Patent Number:	6859017
Patent Number:	6636259
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Property Type	Number
Patent Number:	6256785
Patent Number:	6466274
Patent Number:	7805747
Patent Number:	7038734
Patent Number:	7289164
Patent Number:	8650607
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Patent Number:	7162508

Property Type	Number
Patent Number:	9087129
Patent Number:	6920445
Patent Number:	7099840
Patent Number:	6825860
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Patent Number:	6713956
Patent Number:	6949217
Patent Number:	6923524
Patent Number:	6557978
Application Number:	60331963
Application Number:	60378384
Application Number:	60382883
Application Number:	11427329

Property Type	Number
Application Number:	11514734
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Application Number:	09840450
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Application Number:	09863888
Application Number:	11963291
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Application Number:	16673876
Application Number:	11468772
Application Number:	11589149
Application Number:	60174186
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Application Number:	08907503
Application Number:	09059303

Property Type	Number
Application Number:	09059304
Application Number:	09059307
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Application Number:	60139242
Application Number:	60180220
Application Number:	10713262
Application Number:	09813691
Application Number:	09997394
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Property Type	Number
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Application Number:	60164785
Application Number:	60275552
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Property Type	Number
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Application Number:	10464816
Application Number:	60195969
Application Number:	60282833

Property Type	Number
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Application Number:	10139503
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PCT Number:	US2001026629
PCT Number:	US2001049096
PCT Number:	US2001049097
PCT Number:	US2001051634
PCT Number:	US1999007257

CORRESPONDENCE DATA

Fax Number:

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Phone: 4256772912

Email: ivrecording@intven.com

Correspondent Name: INTELLECTUAL VENTURES MANAGEMENT- IP LEGAL

Address Line 1: 3150 139TH AVE SE

PATENT

REEL: 063295 FRAME: 0030

SECURITY INTEREST ADDENDUM

This Security Interest Addendum, effective as of the last date set forth on the signature page hereof (the "**Effective Date**"), relates to the Patent Sale Agreement, dated as of **February 14, 2023** (the "**PSA**"), by and among, on the one hand, Intellectual Ventures Assets 191 LLC, a Delaware limited liability company, with an address at 251 Little Falls Drive, Wilmington, DE 19808 ("**Seller 1**") and Intellectual Ventures Assets 186 LLC, a Delaware limited liability company, with an address at 251 Little Falls Drive, Wilmington, DE 19808 ("**Seller 2**" and, together with Seller 1, the "**Sellers**"); and on the other hand, Mind Fusion, LLC, a Washington limited liability company with an address at 9407 NE Vancouver Mall Drive, Suite 104 #1253, Vancouver, WA 98662-6191 ("**Purchaser**"). Capitalized terms used but not otherwise defined herein will have the meanings assigned to such terms in the PSA.

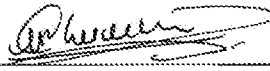
- 1. Grant of Security Interest.** Purchaser hereby grants Sellers a first priority security interest in all Collateral to secure all present and future payment and performance obligations of Purchaser to Sellers or any of Sellers' affiliates, including, without limitation, Purchaser's obligations under the PSA (collectively, the "**Obligations**"). "**Collateral**" means the Assigned Asset Rights, and all Net Revenue (as such term is defined in the PSA). It is understood and agreed that any Net Revenue that is properly distributed to either Sellers or any of Sellers' Affiliates or Purchaser and/or its Affiliates in accordance with the terms and conditions of the PSA are not considered Collateral under this Security Interest Addendum. In the event of a subsequent sale of any one or more of Assigned Asset Rights to a third party, this first priority security interest shall run with the respective Assigned Asset Rights.
- 2. Filing of Financing Statements.** Purchaser authorizes Sellers to file financing statements, amendments, applications for registration, and other forms under the Uniform Commercial Code ("**UCC**") describing the Collateral. Sellers will pay all costs of filing any financing, continuation or termination statements and any other UCC filing made with respect to this Security Interest Addendum.
- 3. Purchaser's Covenant.** Purchaser does not currently have and will not allow or grant any superior lien, claim, or security interest in the Collateral other than that created by this Security Interest Addendum, without separate consent in a writing executed by Sellers.
- 4. Events of Default.** The occurrence of any of the following will, at the option of Sellers, be an "**Event of Default**": (a) any default by Purchaser under this Security Interest Addendum, the PSA, or any of the other Obligations, including, without limitation, any failure to pay amounts owed when due; and/or (b) the cessation of Purchaser's business operations, the insolvency of Purchaser, an admission in writing of its inability to pay debts as they mature, the institution by or against Purchaser of any bankruptcy, reorganization, debt arrangement, assignment for the benefit of creditors, or other proceeding under any bankruptcy or insolvency law or dissolution, receivership, or liquidation proceeding; provided, however, Purchaser shall have the right to cure a default pursuant to part (a) above as follows: (i) if Purchaser fails to make a required payment to a Seller when due pursuant to the PSA, Purchaser shall have one thirty (30) day period following the due date of such payment to make the payment to such Seller, and (ii) if Purchaser breaches the PSA in a manner other than by a late payment, it shall have thirty (30) days from the date of Sellers' notice of the breach to cure such breach.
- 5. Remedies.** Upon the occurrence of an Event of Default, Sellers will have an immediate right to pursue the remedies provided herein and any other rights and remedies available under applicable laws or in equity, including, without limitation, the remedies of a secured party under the applicable UCC. Purchaser acknowledges that Sellers' giving five (5) calendar days' notice is reasonable in any circumstances where Sellers may be required by law to give Purchaser notice. Sellers are specifically entitled to have Purchaser assign all of the Assigned Asset Rights back to Sellers to remedy any default. All the rights, privileges, powers and remedies of Sellers are cumulative.
- 6. Licenses Granted.** Any Person taking ownership of some or all of the Assigned Asset Rights will take title to the Assigned Asset Rights subject to all licenses and other rights granted prior to that date.
- 7. Expenses; Attorneys' Fees.** Purchaser will pay on demand the amount of all costs and expenses incurred by Sellers to protect or enforce their rights with respect to this Security Interest Addendum or the Collateral. The sums agreed to be paid pursuant to this section are secured by this Security Interest Addendum.

[Signature Page Follows]

In witness whereof, intending to be legally bound, the parties have executed this Security Interest Addendum as of the dates set forth below.

PURCHASER:

MIND FUSION, LLC

By:  _____

Name: M Riad Chummun

Title: Authorized Representative

Signature Date: Feb 14, 2023

Sellers:

INTELLECTUAL VENTURES ASSETS 191 LLC

By: Lawrence Froeber
Lawrence Froeber (Feb 14, 2023 12:57 PST) _____

Name: Lawrence Froeber

Title: CFO

Signature Date: Feb 14, 2023

Seller 2:

INTELLECTUAL VENTURES ASSETS 186 LLC

By: Lawrence Froeber
Lawrence Froeber (Feb 14, 2023 12:57 PST) _____

Name: Lawrence Froeber

Title: CFO

Signature Date: Feb 14, 2023

“Assigned Patent Rights”

Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
6163794 (09/178366)	US	2000-12-19 (1998-10-23)	NETWORK SYSTEM EXTENSIBLE BY USERS Barbara Nelson
6839733 (09/712712)	US	2005-01-04 (2000-11-14)	NETWORK SYSTEM EXTENSIBLE BY USERS James E. White
7949752 (10/995159)	US	2011-05-24 (2004-11-24)	NETWORK SYSTEM EXTENSIBLE BY USERS Barbara Nelson
8326914 (13/112540)	US	2012-12-04 (2011-05-20)	NETWORK SYSTEM EXTENSIBLE BY USERS Danny Lange
7177275 (10/207648)	US	2007-02-13 (2002-07-26)	SCHEDULING METHOD AND SYSTEM FOR COMMUNICATION SYSTEMS THAT OFFER MULTIPLE CLASSES OF SERVICE Kenneth Stanwood
7583623 (09/798784)	US	2009-09-01 (2001-03-02)	METHOD AND SYSTEM FOR PACKING MANAGEMENT MESSAGES IN A COMMUNICATION SYSTEM Kenneth L. Stanwood
7240035 (09/872293)	US	2007-07-03 (2001-05-31)	METHOD AND APPARATUS FOR MASKING PRIVATE MAILING ADDRESS INFORMATION BY MANIPULATION DELIVERY TRANSACTIONS G. Eric Engstrom
7975060 (10/363448)	US	2011-07-05 (2001-07-20)	ADAPTIVE VIDEO DELIVERY Donald Martin Monro
7224273 (10/422634)	US	2007-05-29 (2003-04-24)	DEVICE AND METHOD FOR IDENTIFYING A CONTAINER Ian J. Forster
7855637 (11/514752)	US	2010-12-21 (2006-08-31)	DEVICE AND METHOD FOR IDENTIFYING A CONTAINER Ian J. Forster
7536155 (11/515117)	US	2009-05-19 (2006-08-31)	WIRELESS COMMUNICATION DEVICE INTERCONNECTIVITY Ian J. Forster

GRANTOR: Mind Fusion, LLC
SECURED PARTIES: Intellectual Ventures Assets 191 LLC
Intellectual Ventures Assets 186 LLC

“Assigned Patent Rights”

Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
7623831 (11/514753)	US	2009-11-24 (2006-08-31)	WIRELESS COMMUNICATION DEVICE INTERCONNECTIVITY Ian J. Forster
6847912 (10/422631)	US	2005-01-25 (2003-04-24)	RFID TEMPERATURE DEVICE AND METHOD Ian J. Forster
7079551 (09/949221)	US	2006-07-18 (2001-09-07)	PRIVATE NETWORK LINK VERIFICATION PROCEDURE IN FREE SPACE OPTICAL COMMUNICATION NETWORK Aine Shivnan
7924700 (11/445996)	US	2011-04-12 (2006-06-01)	PRIVATE NETWORK LINK VERIFICATION PROCEDURE IN FREE SPACE OPTICAL COMMUNICATION NETWORK Aine Shivnan
7108385 (10/728828)	US	2006-09-19 (2003-12-08)	ILLUMINATION MODULE OF LIGHT EMITTING ELEMENTS Wei-Kuang Chu
7374326 (11/367588)	US	2008-05-20 (2006-03-02)	ILLUMINATION MODULE OF LIGHT EMITTING ELEMENTS Yin-Chun Huang
7159234 (10/609432)	US	2007-01-02 (2003-06-27)	SYSTEM AND METHOD FOR STREAMING MEDIA SERVER SINGLE FRAME FAILOVER Dan Teifke
CNZL200480007660.7 (CN200480007660.7)	CN	2009-12-09 (2004-03-30)	UPGRADING DIGITAL MEDIA SERVERS RICHARD T. OESTERREICHER
JP5329039 (JP2006-509528)	JP	2013-08-02 (2004-03-30)	UPGRADING DIGITAL MEDIA SERVERS CRAIG MURPHY
JP5727200 (JP2010-260642)	JP	2015-04-10 (2004-03-30)	UPGRADING DIGITAL MEDIA SERVERS CRAIG MURPHY
KR10-1076642 (KR10-2005-7018871)	KR	2011-10-19 (2004-03-30)	UPGRADING DIGITAL MEDIA SERVERS CRAIG MURPHY

GRANTOR: Mind Fusion, LLC
SECURED PARTIES: Intellectual Ventures Assets 191 LLC
Intellectual Ventures Assets 186 LLC

“Assigned Patent Rights”

Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
7500055 (10/609433)	US	2009-03-03 (2003-06-27)	ADAPTABLE CACHE FOR DYNAMIC DIGITAL MEDIA Richard T. Oesterreicher
RE42685 (11/961991)	US	2011-09-06 (2007-12-20)	UPGRADING DIGITAL MEDIA SERVERS Richard T. Oesterreicher
8484128 (10/288091)	US	2013-07-09 (2001-05-04)	METHOD OF IMPLEMENTING DIGITAL PAYMENTS Seppo Vihinen
7725523 (09/829937)	US	2010-05-25 (2001-04-11)	SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR GATHERING AND DELIVERING PERSONALIZED USER INFORMATION Robert M. Krauthamer
(60/196082)	US	(2000-04-11)	SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR GATHERING AND DELIVERING PERSONALIZED USER INFORMATION Robert M. Krauthamer
(60/218852)	US	(2000-07-13)	SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR GENERATING A USER LOCKABLE E-MAIL Robert M. Krauthamer
(PCT/US2001/011642)	WO	(2001-04-11)	SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR GATHERING AND DELIVERING PERSONALIZED USER INFORMATION David A. BOLNICK
8868641 (12/755594)	US	2014-10-21 (2010-04-07)	SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR GATHERING AND DELIVERING PERSONALIZED USER INFORMATION David A. Bolnick
9866564 (14/518829)	US	2018-01-09 (2014-10-20)	SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR GATHERING AND DELIVERING PERSONALIZED USER INFORMATION David A. Bolnick

GRANTOR: Mind Fusion, LLC
SECURED PARTIES: Intellectual Ventures Assets 191 LLC
Intellectual Ventures Assets 186 LLC

“Assigned Patent Rights”

Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
10469502 (15/864875)	US	2019-11-05 (2018-01-08)	SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR GATHERING AND DELIVERING PERSONALIZED USER INFORMATION David A. Bolnick
(16/673876)	US	(2019-11-04)	SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR GATHERING AND DELIVERING PERSONALIZED USER INFORMATION David A. Bolnick
6917757 (10/709985)	US	2005-07-12 (2004-06-10)	IMAGE CAPTURING DEVICE WITH SYNCHRONOUS AND AUTOMATIC FOCUSING Shan-Wen Chang
7430012 (10/862283)	US	2008-09-30 (2004-06-07)	FOCUSING AUXILIARY DEVICE OF IMAGE-CAPTURING APPARATUS Shan-Wen Chang
7200863 (09/860669)	US	2007-04-03 (2001-05-16)	SYSTEM AND METHOD FOR SERVING CONTENT OVER A WIDE AREA NETWORK Gary Stephen Shuster
6895236 (09/938137)	US	2005-05-17 (2001-08-23)	METHOD FOR VERIFYING GEOGRAPHICAL LOCATION OF WIDE AREA NETWORK USERS Gary Stephen Shuster
7970378 (11/737587)	US	2011-06-28 (2007-04-19)	Verifying geographical location of wide area network users Gary Stephen Shuster
(60/204995)	US	(2000-05-16)	Method for serving content on the internet Gary Stephen Shuster
7406708 (11/681051)	US	2008-07-29 (2007-03-01)	SYSTEM AND METHOD FOR SERVING CONTENT OVER A WIDE AREA NETWORK Gary S. Shuster
7752656 (12/179084)	US	2010-07-06 (2008-07-24)	CONTROLLING ACCESS TO NAME SERVICE FOR A DOMAIN NAME SYSTEM Gary Stephen Shuster

GRANTOR: Mind Fusion, LLC
SECURED PARTIES: Intellectual Ventures Assets 191 LLC
Intellectual Ventures Assets 186 LLC

“Assigned Patent Rights”

Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(12/814197)	US	(2010-06-11)	CONTROLLING ACCESS TO NAME SERVICE FOR A DOMAIN NAME SYSTEM Gary Stephen Shuster
7146243 (10/696531)	US	2006-12-05 (2003-10-28)	PRODUCT LOCATION METHOD UTILIZING PRODUCT BAR CODE AND AISLE-SITUATED, AISLE-IDENTIFYING BAR CODE Kenneth P. Glynn
7747342 (11/607627)	US	2010-06-29 (2006-12-01)	PRODUCT LOCATION METHOD UTILIZING PRODUCT BAR CODE AND AISLE-SITUATED, AISLE-IDENTIFYING BAR CODE Kenneth P. Glynn
6943825 (10/017723)	US	2005-09-13 (2001-12-14)	METHOD AND APPARATUS FOR ASSOCIATING MULTIMEDIA INFORMATION WITH LOCATION INFORMATION Kelan C. Silvester
6760545 (10/662598)	US	2004-07-06 (2003-09-15)	METHOD AND CAMERA FOR IMAGE CAPTURE Laura E. Keith
DE602004052084.5 (DE602004052084.5)	DE	2017-11-22 (2004-09-13)	METHOD AND CAMERA FOR IMAGE CAPTURE Laura E. Keith
FR1668411 (FR04784008.7)	FR	2017-11-22 (2004-09-13)	METHOD AND CAMERA FOR IMAGE CAPTURE Laura E. Keith
GB1668411 (GB04784008.7)	GB	2017-11-22 (2004-09-13)	METHOD AND CAMERA FOR IMAGE CAPTURE Laura E. Keith
JP4538458 (JP2006-526398)	JP	2010-06-25 (2004-09-13)	METHOD AND CAMERA FOR IMAGE CAPTURE Laura E. Keith
7668144 (10/162344)	US	2010-02-23 (2002-06-04)	DYNAMICALLY EXTENSIBLE COMMUNICATIONS GATEWAY Robert D. Sartin

GRANTOR: Mind Fusion, LLC
SECURED PARTIES: Intellectual Ventures Assets 191 LLC
Intellectual Ventures Assets 186 LLC

“Assigned Patent Rights”

Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
6931597 (10/124179)	US	2005-08-16 (2002-04-17)	INDICATIONS OF SECURED DIGITAL ASSETS Nalini J. Prakash
7027999 (09/827531)	US	2006-04-11 (2001-04-06)	METHOD OF AND APPARATUS FOR FORECASTING ITEM AVAILABILITY Kevin G. Hoar
7233909 (11/350467)	US	2007-06-19 (2006-02-08)	METHOD OF AND APPARATUS FOR FORECASTING ITEM AVAILABILITY Kevin G. Hoar
(12/081138)	US	(2008-04-10)	METHOD OF AND APPARATUS FOR FORECASTING ITEM AVAILABILITY Kevin G. Hoar
6907116 (09/911828)	US	2005-06-14 (2001-07-25)	TIME BALANCE BASED PREPAID SUBSCRIBER DATABASE AND REPORTING Dara Ung
(11/812098)	US	(2007-06-14)	TIME BALANCE BASED PREPAID SUBSCRIBER DATABASE AND REPORTING Dara Ung
6862488 (10/190368)	US	2005-03-01 (2002-07-05)	AUTOMATED VALIDATION PROCESSING AND WORKFLOW MANAGEMENT Amany Mansour Bognanno
8725120 (11/469554)	US	2014-05-13 (2006-09-01)	Internet System for Connecting Client-Travelers with Geographically-Associated Data Harry A. Glorikian
7039940 (09/946043)	US	2006-05-02 (2001-09-04)	METHOD AND SYSTEM FOR DISTRIBUTING VIDEO CONTENT OVER A NETWORK Clay Alan Weatherford
6909706 (09/866097)	US	2005-06-21 (2001-05-23)	MULTICAST WIRELESS AD HOC PACKET ROUTING Michael E. Wilmer
7613222 (10/574591)	US	2009-11-03 (2006-04-04)	WIDEBAND COMMUNICATION METHOD

GRANTOR: Mind Fusion, LLC
SECURED PARTIES: Intellectual Ventures Assets 191 LLC
Intellectual Ventures Assets 186 LLC

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
7483400 (10/613986)	US	2009-01-27 (2003-07-03)	MANAGING A PACKET SWITCHED CONFERENCE CALL Jarmo Kuusinen
8169937 (12/348445)	US	2012-05-01 (2009-01-05)	MANAGING A PACKET SWITCHED CONFERENCE CALL Jarmo Kuusinen
8090667 (10/976895)	US	2012-01-03 (2004-11-01)	CHARGING IN A COMMUNICATION SYSTEM Juha-Pekka Koskinen
DE602005055599.4 (DE602005055599.4)	DE	2019-04-03 (2005-06-13)	CHARGING IN A COMMUNICATION SYSTEM Juha-Pekka Koskinen
FR1766857 (FR05757552.4)	FR	2019-04-03 (2005-06-13)	CHARGING IN A COMMUNICATION SYSTEM Juha-Pekka Koskinen
GB1766857 (GB05757552.4)	GB	2019-04-03 (2005-06-13)	CHARGING IN A COMMUNICATION SYSTEM Juha-Pekka Koskinen
8086545 (12/427990)	US	2011-12-27 (2009-04-22)	CHARGING IN A COMMUNICATION SYSTEM Juha-Pekka Koskinen
7724691 (10/355234)	US	2010-05-25 (2003-01-31)	STREAMING MEDIA Pekka Pessi
8599835 (12/699216)	US	2013-12-03 (2010-02-03)	STREAMING MEDIA Pekka Pessi
9231994 (14/069817)	US	2016-01-05 (2013-11-01)	STREAMING MEDIA Pekka Pessi
9906573 (14/984608)	US	2018-02-27 (2015-12-30)	STREAMING MEDIA Pekka Pessi
7266121 (10/329750)	US	2007-09-04 (2002-12-27)	FLOW LABELS Vilho I. Raisanen

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
7925271 (11/270047)	US	2011-04-12 (2005-11-08)	APPARATUS AND METHOD FOR ARBITRARY DATA RATE RAMP UP AFTER OVERLOAD ON WIRELESS INTERFACE
7984291 (11/350087)	US	2011-07-19 (2006-02-09)	METHOD FOR DISTRIBUTING CERTIFICATES IN A COMMUNICATION SYSTEM Pasi Eronen
CNZL200680012663.9 (CN200680012663.9)	CN	2012-03-28 (2006-05-08)	METHOD FOR DISTRIBUTING CERTIFICATES IN A COMMUNICATION SYSTEM Pasi Eronen
DE602006033335.8 (DE602006033335.8)	DE	2012-11-28 (2006-05-08)	METHOD FOR DISTRIBUTING CERTIFICATES IN A COMMUNICATION SYSTEM Pasi Eronen
FR1880527 (FR06743518.0)	FR	2012-11-28 (2006-05-08)	METHOD FOR DISTRIBUTING CERTIFICATES IN A COMMUNICATION SYSTEM Pasi Eronen
GB1880527 (GB06743518.0)	GB	2012-11-28 (2006-05-08)	METHOD FOR DISTRIBUTING CERTIFICATES IN A COMMUNICATION SYSTEM Pasi Eronen
JP4801147 (JP2008-510603)	JP	2011-08-12 (2006-05-08)	METHOD FOR DISTRIBUTING CERTIFICATES IN A COMMUNICATION SYSTEM Pasi Eronen
KR10-1158956 (KR10-2007-7028697)	KR	2012-06-15 (2006-05-08)	METHOD FOR DISTRIBUTING CERTIFICATES IN A COMMUNICATION SYSTEM Pasi Eronen
7853793 (10/838642)	US	2010-12-14 (2004-05-03)	TRUSTED SIGNATURE WITH KEY ACCESS PERMISSIONS Piotr Cofta
8295488 (11/186901)	US	2012-10-23 (2005-07-22)	EXCHANGE OF KEY MATERIAL Dan Forsberg

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CNZL200680012486.4 (CN200680012486.4)	CN	2013-02-27 (2006-04-10)	EXCHANGE OF KEY MATERIAL Dan Forsberg
DE602006049093.3 (DE602006049093.3)	DE	2016-05-11 (2006-04-10)	EXCHANGE OF KEY MATERIAL Dan Forsberg
FR2309698 (FR11151744.7)	FR	2016-05-11 (2006-04-10)	EXCHANGE OF KEY MATERIAL Dan Forsberg
GB2309698 (GB11151744.7)	GB	2016-05-11 (2006-04-10)	EXCHANGE OF KEY MATERIAL Dan Forsberg
KR10-1270342 (KR10-2007-7026251)	KR	2013-05-27 (2006-04-10)	EXCHANGE OF KEY MATERIAL Dan Forsberg
JP5597676 (JP2012-158298)	JP	2014-08-15 (2006-04-10)	EXCHANGE OF KEY MATERIAL Dan Forsberg
8838972 (13/613204)	US	2014-09-16 (2012-09-13)	EXCHANGE OF KEY MATERIAL Dan Forsberg
7391724 (10/438812)	US	2008-06-24 (2003-05-16)	SYSTEM AND METHOD WITH POLICY CONTROL FUNCTION FOR MULTIMEDIA BROADCAST/MULTICAST SYSTEM SERVICES Timo Alakoski
7330726 (10/862301)	US	2008-02-12 (2004-06-07)	DETERMINING GEOGRAPHICAL POSITION IN IPV6 NETWORKS Jani Vare
7995997 (12/024645)	US	2011-08-09 (2008-02-01)	DETERMINING GEOGRAPHICAL POSITION IN IPV6 NETWORKS Jani Vare
7809835 (10/772255)	US	2010-10-05 (2004-02-06)	DEVICE DISCOVERY AND CONNECTION ESTABLISHMENT FOR AD HOC NETWORKS Jukka Reunamaki

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8156229 (12/836817)	US	2012-04-10 (2010-07-15)	DEVICE DISCOVERY AND CONNECTION ESTABLISHMENT FOR AD HOC NETWORKS Jukka Reunamaki
RE41639 (11/944417)	US	2010-09-07 (2007-11-22)	Method for determining a writing power of an optical disc drive through a shiftable polynomial function capable of being shifted according to a difference between a real read-back signal parameter and a target read-back signal parameter Tsung-Chih Lin
7012652 (10/338096)	US	2006-03-14 (2003-01-09)	AUDIO HUSH FOR ENTERTAINMENT EQUIPMENT AND PARTICULARLY TELEVISION RECEIVERS Harold J. Weber
7139728 (09/753982)	US	2006-11-21 (2001-01-02)	SYSTEMS AND METHODS FOR ONLINE SELECTION OF SERVICE PROVIDERS AND MANAGEMENT OF SERVICE ACCOUNTS Rod Rigole
(60/173881)	US	(1999-12-30)	INTERNET SERVICES ACCESS SYSTEM Rod Rigole
7707071 (11/553386)	US	2010-04-27 (2006-10-26)	SYSTEMS AND METHODS FOR ONLINE SELECTION OF SERVICE PROVIDERS AND MANAGEMENT OF SERVICE ACCOUNTS Rod Rigole
7983960 (12/725397)	US	2011-07-19 (2010-03-16)	SYSTEMS AND METHODS FOR ONLINE SELECTION OF SERVICE PROVIDERS AND MANAGEMENT OF SERVICE ACCOUNTS Rod Rigole
8260682 (13/157246)	US	2012-09-04 (2011-06-09)	SYSTEMS AND METHODS FOR ONLINE SELECTION OF SERVICE PROVIDERS AND MANAGEMENT OF SERVICE ACCOUNTS Rod Rigole

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7113633 (10/188660)	US	2006-09-26 (2002-07-02)	SYSTEM AND METHOD FOR DISCOVERING AND CATEGORIZING ATTRIBUTES OF A DIGITAL IMAGE David B. Petrich
7254548 (10/192426)	US	2007-08-07 (2002-07-10)	System and method for the administration of financial accounts using profiles Mary C. Tannenbaum
7870027 (11/567032)	US	2011-01-11 (2006-12-05)	SYSTEM FOR NOTIFYING A USER WHEN A CATEGORY LIMIT IS APPROACHING Mary C. Tannenbaum
(11/567069)	US	(2006-12-05)	System and method for using pre-stored user-supplied information in high risk credit transactions Mary C. Tannenbaum
7540411 (11/567044)	US	2009-06-02 (2006-12-05)	SYSTEM AND METHOD FOR PROVIDING CATEGORICAL LISTINGS OF FINANCIAL ACCOUNTS USING USER PROVIDED CATEGORY AMOUNTS Mary C. Tannenbaum
(11/767246)	US	(2007-06-22)	System and method for the storage of data in association with financial accounts Mary C. Tannenbaum
8083137 (12/472177)	US	2011-12-27 (2009-05-26)	ADMINISTRATION OF FINANCIAL ACCOUNTS Mary C. Tannenbaum
(14/830602)	US	(2015-08-19)	System and method for the storage of data in association with financial accounts Mary C. Tannenbaum
7174306 (09/727593)	US	2007-02-06 (2000-12-04)	PROVIDING ELECTRONIC ACCESS TO CONSUMER-CUSTOMIZED NONVERBAL INFORMATION REGARDING PRODUCTS AND SERVICES Florence P. Haseltine

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7765129 (11/462963)	US	2010-07-27 (2006-08-07)	PROVIDING ELECTRONIC ACCESS TO CONSUMER-CUSTOMIZED NONVERBAL INFORMATION REGARDING PRODUCTS AND SERVICES Florence P. Haseltine
(60/168394)	US	(1999-12-02)	SECURE, COLLABORATIVE PURCHASING OF PRODUCTS AND SERVICES FLORENCE PAT HASELTINE
8175929 (12/326777)	US	2012-05-08 (2008-12-02)	PROVIDING ELECTRONIC ACCESS TO CONSUMER-CUSTOMIZED NONVERBAL INFORMATION REGARDING PRODUCTS AND SERVICES Florence P. Haseltine
7305427 (09/918279)	US	2007-12-04 (2001-07-30)	Shipping address automation method Evan John Kaye
(60/223154)	US	(2000-08-07)	Shipping address automation method Evan Kaimowitz
7853487 (11/850110)	US	2010-12-14 (2007-09-05)	Shipping address population using online address book Evan John Kaye
8015072 (12/942836)	US	2011-09-06 (2010-11-09)	Shipping address population using online address book Evan John Kaye
8620762 (13/211238)	US	2013-12-31 (2011-08-16)	Shipping address population using online address book Evan John Kaye
8105153 (11/955205)	US	2012-01-31 (2007-12-12)	METHOD AND SYSTEM FOR DYNAMICALLY LEVELING GAME PLAY IN ELECTRONIC GAMING ENVIRONMENTS C. Rowland Hanson
7115032 (10/987199)	US	2006-10-03 (2004-11-12)	DVD GAME REMOTE CONTROLLER David Cantu

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8529335 (13/333945)	US	2013-09-10 (2011-12-21)	METHOD AND SYSTEM FOR DYNAMICALLY LEVELING GAME PLAY IN ELECTRONIC GAMING ENVIRONMENTS Kurt Buecheler
6823342 (10/063802)	US	2004-11-23 (2002-05-14)	METHOD AND SYSTEM FOR CAPTURING, MANAGING, AND DISSEMINATING MANUFACTURING KNOWLEDGE Todd Alan Wallen
7191210 (10/136105)	US	2007-03-13 (2002-05-01)	A Computer implemented system and method for registering websites and for displaying registration indicia in a search results list James Grossman
7912897 (11/679217)	US	2011-03-22 (2007-02-27)	Method System and Storage Medium for Facilitating Web Searching and Brand Recognition Capabilities over a Computer Network James Grossman
7184524 (10/367617)	US	2007-02-27 (2003-02-14)	Rules based real-time communication system Charles J. Digate
7149288 (10/731872)	US	2006-12-12 (2003-12-09)	Rules based real-time communication system Charles J. Digate
DE602004050296.0 (DE602004050296.0)	DE	2016-11-16 (2004-02-03)	RULES BASED REAL-TIME COMMUNICATION SYSTEM Charles J. Digate
FR1593021 (FR04707773.0)	FR	2016-11-16 (2004-02-03)	RULES BASED REAL-TIME COMMUNICATION SYSTEM Charles J. Digate
GB1593021 (GB04707773.0)	GB	2016-11-16 (2004-02-03)	RULES BASED REAL-TIME COMMUNICATION SYSTEM Charles J. Digate
DE602004048294.3 (DE602004048294.3)	DE	2015-11-25 (2004-02-03)	RULES BASED REAL-TIME COMMUNICATION SYSTEM Charles J. Digate

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FR2574003 (FR12199241.6)	FR	2015-11-25 (2004-02-03)	RULES BASED REAL-TIME COMMUNICATION SYSTEM Charles J. Digate
GB2574003 (GB12199241.6)	GB	2015-11-25 (2004-02-03)	RULES BASED REAL-TIME COMMUNICATION SYSTEM Charles J. Digate
7091898 (10/796598)	US	2006-08-15 (2004-03-09)	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE Patrick H. Hayes
6950402 (09/784643)	US	2005-09-27 (2001-02-15)	Web-enabled call management method and apparatus Om Mishra
7162507 (09/922084)	US	2007-01-09 (2001-08-03)	Wireless network site survey tool Trent R. Carter
7099921 (09/690692)	US	2006-08-29 (2000-10-16)	METHOD AND APPARATUS FOR PEOPLE TO SIMPLY COMMUNICATE THEIR LOCATION AND ACTIVITY INFORMATION Eric Engstrom
(60/382883)	US	(2002-05-23)	METHOD AND DEVICE FOR IDENTIFYING A CONTAINER Ian J. Forster
(PCT/IB2003/002646)	WO	(2003-05-23)	DEVICE AND METHOD FOR IDENTIFYING A CONTAINER Ian J. Forster
EP1506523 (EP03755253.6)	EP	2009-10-14 (2003-05-23)	DEVICE, SYSTEM AND METHOD FOR MONITORING A CONTAINER Ian J. Forster
DE60329674.2 (DE60329674.2)	DE	2009-10-14 (2003-05-23)	DEVICE AND METHOD FOR IDENTIFYING A CONTAINER Ian J. Forster
FR1506523 (FR03755253.6)	FR	2009-10-14 (2003-05-23)	DEVICE AND METHOD FOR IDENTIFYING A CONTAINER Ian J. Forster

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GB1506523 (GB03755253.6)	GB	2009-10-14 (2003-05-23)	DEVICE AND METHOD FOR IDENTIFYING A CONTAINER Ian J. Forster
(60/331963)	US	(2001-11-21)	WIRELESS COMMUNICATION DEVICE INTERCONNECTIVITY Ian J. Forster
(PCT/US2002/037357)	WO	(2002-11-21)	WIRELESS COMMUNICATION DEVICE INTERCONNECTIVITY Ian J. Forster
EP1454294 (EP02804012.9)	EP	2006-06-07 (2002-11-21)	WIRELESS COMMUNICATION DEVICE INTERCONNECTIVITY Ian J. Forster
DE60212184.1 (DE60212184.1)	DE	2006-06-07 (2002-11-21)	WIRELESS COMMUNICATION DEVICE INTERCONNECTIVITY Ian J. Forster
FR1454294 (FR02804012.9)	FR	2006-06-07 (2002-11-21)	WIRELESS COMMUNICATION DEVICE INTERCONNECTIVITY Ian J. Forster
GB1454294 (GB02804012.9)	GB	2006-06-07 (2002-11-21)	WIRELESS COMMUNICATION DEVICE INTERCONNECTIVITY Ian J. Forster
EP1688871 (EP06009601.3)	EP	2008-08-27 (2002-11-21)	WIRELESS COMMUNICATION DEVICE INTERCONNECTIVITY Ian J. Forster
DE60228636.0 (DE60228636.0)	DE	2008-08-27 (2002-11-21)	WIRELESS COMMUNICATION DEVICE INTERCONNECTIVITY Ian J. Forster
FR1688871 (FR06009601.3)	FR	2008-08-27 (2002-11-21)	WIRELESS COMMUNICATION DEVICE INTERCONNECTIVITY Ian J. Forster
GB1688871 (GB06009601.3)	GB	2008-08-27 (2002-11-21)	WIRELESS COMMUNICATION DEVICE INTERCONNECTIVITY Ian J. Forster

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7366466 (10/301483)	US	2008-04-29 (2002-11-21)	WIRELESS COMMUNICATION DEVICE INTERCONNECTIVITY Ian J. Forster
(11/514734)	US	(2006-08-31)	WIRELESS COMMUNICATION DEVICE INTERCONNECTIVITY Ian J. Forster
6571066 (10/065781)	US	2003-05-27 (2002-11-18)	CAMERA WITH MULTIMODE POWER BUTTON Wen-Yi Tsai
CNZL03109008.7 (CN03109008.7)	CN	2007-05-16 (2003-04-01)	CAMERA WITH MULTIMODE POWER BUTTON Wen-Yi Tsai
TWI243278 (TW093105619)	TW	2005-11-11 (2004-03-03)	IMAGE-CAPTURING DEVICE WITH SYNCHRONOUS AND AUTOMATIC FOCUSING FUNCTION Shan-Wen Chang
(11/827991)	US	(2007-07-12)	IMAGE CAPTURING DEVICE WITH SYNCHRONOUS AND AUTOMATIC FOCUSING Shan-Wen Chang
(11/889685)	US	(2007-08-15)	INDICATIONS OF SECURED DIGITAL ASSETS Nalini J. Prakash
6343317 (09/474458)	US	2002-01-29 (1999-12-29)	INTERNET SYSTEM FOR CONNECTING CLIENT-TRAVELERS WITH GEOGRAPHICALLY-ASSOCIATED DATA Harry A. Glorikian
(09/502407)	US	(2000-02-10)	Internet system for connecting client-travelers with geographically-associated data Harry A. Glorikian
(PCT/US2000/035250)	WO	(2000-12-22)	INTERNET SYSTEM FOR CONNECTING CLIENT-TRAVELERS WITH GEOGRAPHICALLY-ASSOCIATED DATA Harry A. Glorikian

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(EP00989478.3)	EP	(2000-12-22)	INTERNET SYSTEM FOR CONNECTING CLIENT-TRAVELERS WITH GEOGRAPHICALLY-ASSOCIATED DATA Harry A. Glorikian
(JP2001-549209)	JP	(2000-12-22)	INTERNET SYSTEM FOR CONNECTING CLIENT-TRAVELERS WITH GEOGRAPHICALLY-ASSOCIATED DATA Harry A. Glorikian
(10/006346)	US	(2001-12-03)	A SYSTEM FOR SELECTING INFORMATION TO BE TRANSMITTED TO A CLIENT BASED ON POSITION AND CHANGE IN POSITION Harry A. Glorikian
6772213 (10/121801)	US	2004-08-03 (2002-04-11)	INTERNET SYSTEM FOR CONNECTING CLIENT-TRAVELERS WITH GEOGRAPHICALLY-ASSOCIATED DATA Harry A. Glorikian
(JP2007-006917)	JP	(2007-01-16)	INTERNET SYSTEM FOR CONNECTING CLIENT-TRAVELERS WITH GEOGRAPHICALLY-ASSOCIATED DATA Harry A. Glorikian
JP5366908 (JP2010-208600)	JP	2013-09-20 (2000-12-22)	INTERNET SYSTEM FOR CONNECTING CLIENT-TRAVELERS WITH GEOGRAPHICALLY-ASSOCIATED DATA Harry A. Glorikian
JP5945797 (JP2013-008248)	JP	2016-06-10 (2000-12-22)	INTERNET SYSTEM FOR CONNECTING CLIENT-TRAVELERS WITH GEOGRAPHICALLY-ASSOCIATED DATA Harry A. Glorikian
(14/226756)	US	(2014-03-26)	INTERNET SYSTEM FOR CONNECTING CLIENT-TRAVELERS WITH GEOGRAPHICALLY-ASSOCIATED DATA Glorikian, Harry A.
9299088 (14/696336)	US	2016-03-29 (2015-04-24)	Internet system for connecting client-travelers with geographically-associated data Glorikian, Harry A.

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6891860 (10/224331)	US	2005-05-10 (2002-08-21)	Method and apparatus for establishing multiple bandwidth-limited connections for a communication device Nazmul Bin Idris
(AU2003259907)	AU	(2003-08-20)	METHOD AND APPARATUS FOR ESTABLISHING MULTIPLE BANDWIDTH-LIMITED CONNECTIONS FOR A COMMUNICATION DEVICE CHARLES W GAUTNEY
(PCT/US2003/025877)	WO	(2003-08-20)	METHOD AND APPARATUS FOR ESTABLISHING MULTIPLE BANDWIDTH-LIMITED CONNECTIONS FOR A COMMUNICATION DEVICE CHARLES W GAUTNEY
7746824 (11/125132)	US	2010-06-29 (2005-05-10)	Method and apparatus for establishing multiple bandwidth-limited connections for a communication device Charles W. Gautney
6824480 (10/034786)	US	2004-11-30 (2001-12-27)	Method and apparatus for location of objects, and application to real time display of the position of players, equipment and officials during a sporting event Heinrich Daniel Foltz
6788241 (10/254363)	US	2004-09-07 (2002-09-25)	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE Paul D. Arling
(PCT/US2003/025504)	WO	(2003-08-13)	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE Paul, D.ARLING
(CA2500004)	CA	(2003-08-13)	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE ARLING PAUL D

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EP1547045 (EP03754389.9)	EP	2013-07-10 (2003-08-13)	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE PAUL D ARLING
DE60344473.3 (DE60344473.3)	DE	2013-07-10 (2003-08-13)	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE PAUL D ARLING
FR1547045 (FR03754389.9)	FR	2013-07-10 (2003-08-13)	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE PAUL D ARLING
GB1547045 (GB03754389.9)	GB	2013-07-10 (2003-08-13)	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE PAUL D ARLING
EP2023306 (EP08169042.2)	EP	2012-05-16 (2003-08-13)	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE PAUL D ARLING
DE60340972.5 (DE60340972.5)	DE	2012-05-16 (2003-08-13)	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE PAUL D ARLING
FR2023306 (FR08169042.2)	FR	2012-05-16 (2003-08-13)	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE PAUL D ARLING
GB2023306 (GB08169042.2)	GB	2012-05-16 (2003-08-13)	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE PAUL D ARLING
(60/378384)	US	(2002-05-07)	RFID TEMPERATURE DEVICE AND METHOD Ian Forster

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(11/698793)	US	(2007-01-25)	RFID TEMPERATURE DEVICE AND METHOD Ian J. Forster
(09/752506)	US	(2000-12-27)	Method and apparatus for an independent positioning system and augmentation of GPS Sundeep Bajikar
6985743 (09/811277)	US	2006-01-10 (2001-03-16)	METHOD AND APPARATUS FOR AN INDEPENDENT POSITIONING SYSTEM AND AUGMENTATION OF GPS Sundeep Bajikar
(PCT/US2001/043802)	WO	(2001-11-19)	METHOD AND APPARATUS FOR A POSITIONING SYSTEM AND AUGMENTATION OF GPS POSITIONING Sundeep Bajikar
(EP01988170.5)	EP	(2001-11-19)	METHOD AND APPARATUS FOR A POSITIONING SYSTEM AND AUGMENTATION OF GPS POSITIONING SUNDEEP BAJIKAR
RU2003/123114 (RU2003/123114)	RU	2005-01-27 (2001-11-19)	METHOD AND APPARATUS FOR A POSITIONING SYSTEM AND AUGMENTATION OF GPS SUNDEEP BAJIKAR
(SG2003/032141)	SG	(2001-11-19)	METHOD AND APPARATUS FOR A POSITIONING SYSTEM AND AUGMENTATION OF GPS SUNDEEP BAJIKAR
HK04100811.3 (HK04100811.3)	HK	2004-04-30 (2004-02-06)	METHOD AND APPARATUS FOR A POSITIONING SYSTEM AND AUGMENTATION OF GPS SUNDEEP BAJIKAR
(60/294994)	US	(2001-06-04)	DYNAMICALLY EXTENSIBLE COMMUNICATIONS GATEWAY Rebecca Stevenson Taylor
(60/309151)	US	(2001-07-31)	IMPLEMENTATION-INDEPENDENT STATE MACHINE SPECIFICATION & GENERATOR Rebecca Stevenson Taylor

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7903544 (11/445737)	US	2011-03-08 (2006-06-01)	PRIVATE NETWORK LINK VERIFICATION PROCEDURE IN FREE SPACE OPTICAL COMMUNICATION NETWORK Aine Shivnan
(60/227343)	US	(2000-08-23)	Method for verifying the location of internet users Gary Shuster
7218914 (11/126045)	US	2007-05-15 (2005-05-09)	METHOD FOR VERIFYING GEOGRAPHICAL LOCATION OF WIDE AREA NETWORK USERS Gary Stephen Shuster
8676158 (13/170122)	US	2014-03-18 (2011-06-27)	VERIFYING GEOGRAPHICAL LOCATION OF WIDE AREA NETWORK USERS Gary Stephen Shuster
(60/302919)	US	(2001-07-02)	System and method for discovering and categorizing attributes of a digital image David B. Petrich
(PCT/US2002/021161)	WO	(2002-07-02)	SYSTEM AND METHOD FOR DISCOVERING AND CATEGORIZING ATTRIBUTES OF A DIGITAL IMAGE DAVID B. PETRICH
7764829 (11/506640)	US	2010-07-27 (2006-08-18)	System and method for discovering and categorizing attributes of a digital image David B. Petrich
TWI241451 (TW092122300)	TW	2005-10-11 (2003-08-13)	CAMERA AUXILIARY DEVICE Shan-Wen Chang
(CN03154645.5)	CN	(2003-08-21)	PHOTOGRAPHIC APPLIANCES AID Shan-Wen Chang
EP1668411 (EP04784008.7)	EP	2017-11-22 (2004-09-13)	METHOD AND CAMERA FOR IMAGE CAPTURE Laura E. Keith
6785513 (09/828349)	US	2004-08-31 (2001-04-05)	METHOD AND SYSTEM FOR CLUSTERED WIRELESS NETWORKS Srinivas Sivaprakasam

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(PCT/US2002/010692)	WO	(2002-04-03)	METHOD AND SYSTEM FOR CLUSTERED WIRELESS NETWORKS Srinivas Sivaprakasam
(60/274324)	US	(2001-03-08)	Wireless network site survey tool Trent R. Carter
(PCT/US2002/006356)	WO	(2002-02-28)	Wireless network site survey tool Trent R. Carter
(CN02809573.1)	CN	(2002-02-28)	Wireless network site survey tool Trent R. Carter
(EP02723298.2)	EP	(2002-02-28)	WIRELESS NETWORK SITE SURVEY TOOL Trent R. Carter
(JP2002-571645)	JP	(2002-02-28)	Wireless network site survey tool Trent R. Carter
7369841 (09/967152)	US	2008-05-06 (2001-09-28)	WIRELESS NETWORK INFRASTRUCTURE Christopher Uhlik
7542755 (11/506323)	US	2009-06-02 (2006-08-18)	WIRELESS NETWORK INFRASTRUCTURE Christopher Uhlik
7706775 (11/506546)	US	2010-04-27 (2006-08-18)	WIRELESS NETWORK INFRASTRUCTURE Christopher Uhlik
8101000 (11/506378)	US	2012-01-24 (2006-08-18)	WIRELESS NETWORK INFRASTRUCTURE Christopher Uhlik
8295806 (13/324071)	US	2012-10-23 (2011-12-13)	WIRELESS NETWORK INFRASTRUCTURE Christopher Uhlik
(60/345198)	US	(2002-01-02)	WIRELESS IMAGING SENSOR NETWORK PROVIDING AUTONOMOUS TRACKING William J. Kaiser
(60/366877)	US	(2002-03-22)	SCALABLE SECURE TELEMATICS NETWORKS William J. Kaiser

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7305467 (10/329069)	US	2007-12-04 (2002-12-23)	AUTONOMOUS TRACKING WIRELESS IMAGING SENSOR NETWORK INCLUDING AN ARTICULATING SENSOR AND AUTOMATICALLY ORGANIZING NETWORK NODES William J. Kaiser
(11/871859)	US	(2007-10-12)	AUTONOMOUS TRACKING WINS SYSTEM INTEGRATING AN ARTICULATING SENSOR William J. Kaiser
(11/468992)	US	(2006-08-31)	SYSTEM AND METHOD FOR STREAMING MEDIA SERVER SINGLE FRAME FAILOVER Dan Teifke
(60/486672)	US	(2003-07-11)	METHOD AND SYSTEM FOR AUTOMATIC HANDICAPPING IN ELECTRONIC GAMING ENVIRONMENTS C. Rowland Hanson
(60/519107)	US	(2003-11-12)	DVD game remote controller David Cantu
(60/577446)	US	(2004-06-04)	DVD game architecture Kurt Buecheler
(10/889985)	US	(2004-07-12)	Method and system for dynamically leveling game play in electronic gaming environments Kurt Buecheler
(PCT/US2004/037581)	WO	(2004-11-12)	DVD GAME REMOTE CONTROLLER David Cantu
(11/147407)	US	(2005-06-06)	DVD game architecture Kurt Buecheler
(12/006084)	US	(2007-12-27)	DVD GAME ARCHITECTURE Kurt Buecheler
(12/245694)	US	(2008-10-03)	DVD GAME REMOTE CONTROLLER David Cantu

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(PCT/US2004/003017)	WO	(2004-02-03)	RULES BASED REAL-TIME COMMUNICATION SYSTEM Charles J. Digate
EP1593021 (EP04707773.0)	EP	2016-11-16 (2004-02-03)	RULES BASED REAL-TIME COMMUNICATION SYSTEM Charles J. Digate
EP2574003 (EP12199241.6)	EP	2015-11-25 (2004-02-03)	RULES BASED REAL-TIME COMMUNICATION SYSTEM Charles J. Digate
(PCT/US2003/022974)	WO	(2003-07-24)	SCHEDULING METHOD AND SYSTEM FOR COMMUNICATION SYSTEMS THAT OFFER MULTIPLE CLASSES OF SERVICE Kenneth Stanwood
7609631 (11/671207)	US	2009-10-27 (2007-02-05)	SCHEDULING METHOD AND SYSTEM FOR COMMUNICATION SYSTEMS THAT OFFER MULTIPLE CLASSES OF SERVICE Kenneth Stanwood
6978452 (10/406108)	US	2005-12-20 (2003-04-02)	UPGRADING DIGITAL MEDIA SERVERS Craig Murphy
(PCT/US2004/009887)	WO	(2004-03-30)	UPGRADING DIGITAL MEDIA SERVERS RICHARD T. OESTERREICHER
(EP04758665.6)	EP	(2004-03-30)	UPGRADING DIGITAL MEDIA SERVERS CRAIG MURPHY
(60/230953)	US	(2000-09-07)	METHOD AND APPARATUS FOR DISTRIBUTING CONTENT OVER A NETWORK Clay A. Weatherford
(11/154788)	US	(2005-06-15)	Web-enabled call management method and apparatus Om Mishra
(GB0021891.7)	GB	(2000-09-06)	ADAPTIVE VIDEO DELIVERY Unable to verify

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(PCT/GB2001/003296)	WO	(2001-07-20)	ADAPTIVE VIDEO DELIVERY DONALD MARTIN MONRO
EP1316216 (EP01949795.7)	EP	2005-11-02 (2001-07-20)	ADAPTIVE VIDEO DELIVERY DONALD MARTIN MONRO
DE60114650.6 (DE60114650.6)	DE	2005-11-02 (2001-07-20)	ADAPTIVE VIDEO DELIVERY DONALD MARTIN MONRO
FR1316216 (FR01949795.7)	FR	2005-11-02 (2001-07-20)	ADAPTIVE VIDEO DELIVERY DONALD MARTIN MONRO
GB1316216 (GB01949795.7)	GB	2005-11-02 (2001-07-20)	ADAPTIVE VIDEO DELIVERY DONALD MARTIN MONRO
(EP05076019.8)	EP	(2001-07-20)	ADAPTIVE VIDEO DELIVERY USING USER RECORDS DONALD MARTIN MONRO
(EP05000452.2)	EP	(2005-01-11)	ADAPTIVE VIDEO DELIVERY Unable to verify
(TW092215729)	TW	(2003-08-29)	LIGHT-EMITTING MODULE OF A LED DEVICE Wei-Kuang Chu
(11/469184)	US	(2006-08-31)	ADAPTABLE CACHE FOR DYNAMIC DIGITAL MEDIA Brian Eng
7567532 (11/512667)	US	2009-07-28 (2006-08-29)	METHOD AND SYSTEM FOR PACKING MANAGEMENT MESSAGES IN A COMMUNICATION SYSTEM Ofer Zimmerman
6229259 (09/218233)	US	2001-05-08 (1998-12-22)	WOVEN POLYMER FIBER VIDEO DISPLAYS WITH IMPROVED EFFICIENCY AND ECONOMY OF MANUFACTURE Alton O. Christensen Sr.

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6873098 (09/823269)	US	2005-03-29 (2001-03-30)	ELECTROLUMINESCENT DEVICES AND DISPLAYS WITH INTEGRALLY FABRICATED ADDRESS AND LOGIC DEVICES FABRICATED BY PRINTING OR WEAVING Alton O. Christensen Sr.
(09/840450)	US	(2001-04-23)	ELECTROLUMINESCENT DEVICES AND DISPLAYS WITH INTEGRALLY FABRICATED ADDRESS AND LOGIC DEVICES FABRICATED BY PRINTING OR WEAVING Alton O. Christensen
(PCT/US2002/010012)	WO	(2002-03-28)	ELECTROLUMINESCENT DEVICES AND DISPLAYS WITH INTEGRALLY FABRICATED ADDRESS AND LOGIC DEVICES FABRICATED BY PRINTING OR WEAVING Alton O. Christensen Sr.
(AU2002256007)	AU	(2002-03-28)	ELECTROLUMINESCENT DEVICES AND DISPLAYS WITH INTEGRALLY FABRICATED ADDRESS AND LOGIC DEVICES FABRICATED BY PRINTING OR WEAVING Alton O. Christensen Sr.
(EP02725445.7)	EP	(2002-03-28)	ELECTROLUMINESCENT DEVICES AND DISPLAYS WITH INTEGRALLY FABRICATED ADDRESS AND LOGIC DEVICES FABRICATED BY PRINTING OR WEAVING Alton O. Christensen Sr.
DE60245450.6 (DE60245450.6)	DE	2013-08-28 (2002-03-28)	An OMESFET with surround gate and manufacturing method Alton O. Christensen Sr.
FR2423960 (FR11190401.7)	FR	2013-08-28 (2002-03-28)	An OMESFET with surround gate and manufacturing method Alton O. Christensen Sr.
GB2423960 (GB11190401.7)	GB	2013-08-28 (2002-03-28)	An OMESFET with surround gate and manufacturing method Alton O. Christensen Sr.

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EP2423960 (EP11190401.7)	EP	2013-08-28 (2002-03-28)	Improved electroluminescent devices and displays with integrally fabricated address and logic devices fabricated by printing or weaving Alton O. Christensen Sr.
7138652 (10/950883)	US	2006-11-21 (2004-09-27)	ELECTROLUMINESCENT DEVICES AND DISPLAYS WITH INTEGRALLY FABRICATED ADDRESS AND LOGIC DEVICES FABRICATED BY PRINTING OR WEAVING Alton O. Christensen
7611393 (11/072643)	US	2009-11-03 (2005-03-07)	ELECTROLUMINESCENT DEVICES AND DISPLAYS WITH INTEGRALLY FABRICATED ADDRESS AND LOGIC DEVICES FABRICATED BY PRINTING OR WEAVING Alton O. Christensen
GB1256021 (GB01904148.2)	GB	2004-06-30 (2001-02-12)	MOUNTING CLIP HAVING A WIRELESS Ian J. Forster
6836815 (09/925137)	US	2004-12-28 (2001-08-08)	LAYERED CROSSBAR FOR INTERCONNECTION OF MULTIPLE PROCESSORS AND SHARED MEMORIES Stephen Clark Purcell
7234018 (11/023969)	US	2007-06-19 (2004-12-27)	LAYERED CROSSBAR FOR INTERCONNECTION OF MULTIPLE PROCESSORS AND SHARED MEMORIES Stephen Clark Purcell
7565475 (11/463842)	US	2009-07-21 (2006-08-10)	LAYERED CROSSBAR FOR INTERCONNECTION OF MULTIPLE PROCESSORS AND SHARED MEMORIES Stephen Clark Purcell
(DE19959005.2)	DE	(1999-12-08)	METHOD AND DEVICE FOR OIL-IN-WATER MEASUREMENT Daniel Matter
EP1106997 (EP00811055.3)	EP	2012-03-14 (2000-11-09)	METHOD AND DEVICE FOR OIL-IN-WATER MEASUREMENT Daniel Matter

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(NO20006201)	NO	(2000-12-06)	METHOD AND DEVICE FOR OIL-IN-WATER MEASUREMENT Daniel Matter
6614242 (09/732009)	US	2003-09-02 (2000-12-08)	METHOD AND DEVICE FOR OIL-IN-WATER MEASUREMENT Daniel Matter
RE41840 (11/332804)	US	2010-10-19 (2006-01-12)	METHOD AND APPARATUS FOR MAINTAINING ALIGNMENT OF A LASER DIODE WITH AN OPTICAL FIBER Edward L. Hershberg
RE42021 (11/187034)	US	2011-01-04 (2005-07-20)	EQUALIZER PERFORMANCE ENHANCEMENTS FOR BROADBAND WIRELESS APPLICATIONS Eli Arviv
RE41655 (11/496067)	US	2010-09-07 (2006-07-28)	SYSTEM AND METHOD OF AUTOMATICALLY CALIBRATING THE GAIN FOR A DISTRIBUTED WIRELESS COMMUNICATION SYSTEM David Gazelle
6809842 (09/716232)	US	2004-10-26 (2000-11-21)	APPARATUS FOR SCANNING DOCUMENT Jenn-Tsair Tsai
7627324 (11/380490)	US	2009-12-01 (2006-04-27)	INTERFERENCE PROTECTION FOR WIRELESS OFFICE SYSTEMS Michael L. Heubel
6771968 (09/686241)	US	2004-08-03 (2000-10-11)	INTERFERENCE PROTECTION FOR WIRELESS OFFICE SYSTEMS Michael L. Heubel
7054644 (10/903773)	US	2006-05-30 (2004-07-30)	INTERFERENCE PROTECTION FOR WIRELESS OFFICE SYSTEMS Michael L. Heubel
6721406 (09/996080)	US	2004-04-13 (2001-11-28)	TELEPHONE CALLER LOCATION DATA RETRIEVAL Sunil H. Contractor

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RE41692 (11/400764)	US	2010-09-14 (2006-04-10)	TELEPHONE CALLER LOCATION DATA RETRIEVAL Sunil H. Contractor
FR2814242 (FR0011923)	FR	2002-12-20 (2000-09-19)	MAGNETIC RECEIVER FOR CHIP CARDS USES VOLTAGE CONTROLLED OSCILLATOR TO CONVERT AMPLITUDE TO FREQUENCY Jacky Bouvier
DE60102713.2 (DE60102713.2)	DE	2004-04-07 (2001-09-18)	DEVICE FOR PUNCTUAL MEASUREMENT OF A RADIOFREQUENCY MAGNETIC FIELD WITH CONSTANT AMPLITUDE AND FREQUENCY Jacky Bouvier
EP1320759 (EP01969920.6)	EP	2004-04-07 (2001-09-18)	DEVICE FOR PUNCTUAL MEASUREMENT OF A RADIOFREQUENCY MAGNETIC FIELD WITH CONSTANT AMPLITUDE AND FREQUENCY Jacky Bouvier
7429859 (10/380756)	US	2008-09-30 (2001-09-18)	DEVICE FOR PUNCTUAL MEASUREMENT OF A RADIOFREQUENCY MAGNETIC FIELD WITH CONSTANT AMPLITUDE AND FREQUENCY Jacky Bouvier
 (PCT/FR2001/002897)	WO	 (2001-09-18)	DEVICE FOR PUNCTUAL MEASUREMENT OF A RADIOFREQUENCY MAGNETIC FIELD WITH CONSTANT AMPLITUDE AND FREQUENCY Jacky Bouvier
GB1186024 (GB00940457.5)	GB	2006-11-15 (2000-06-08)	METHOD FOR MAKING A SILICON SUBSTRATE COMPRISING A BURIED THIN SILICON OXIDE FILM Malgorzata Jurczak
6668218 (10/108236)	US	2003-12-23 (2002-03-27)	METHOD AND SYSTEM FOR TARGET LOCALIZATION Jeffrey Alan Bulow

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RE42546 (11/318398)	US	2011-07-12 (2005-12-22)	METHOD AND SYSTEM FOR TARGET LOCALIZATION Jeffrey Bulow
6813341 (09/653658)	US	2004-11-02 (2000-08-31)	VOICE ACTIVATED/VOICE RESPONSIVE ITEM LOCATOR Jerome R. Mahoney
7292678 (10/696660)	US	2007-11-06 (2003-10-29)	Voice activated, voice responsive product locator system, including product location method utilizing product bar code and aisle-situated, aisle-identifying bar code Kenneth P. Glynn
7136465 (10/699090)	US	2006-11-14 (2003-10-30)	VOICE ACTIVATED, VOICE RESPONSIVE PRODUCT LOCATOR SYSTEM, INCLUDING PRODUCT LOCATION METHOD UTILIZING PRODUCT BAR CODE AND PRODUCT-SITUATED, LOCATION-IDENTIFYING BAR CODE Kenneth P. Glynn
RE41080 (11/592316)	US	2010-01-19 (2006-11-02)	VOICE ACTIVATED/VOICE RESPONSIVE ITEM LOCATER Jerome R. Mahoney
7791471 (11/862394)	US	2010-09-07 (2007-09-27)	ITEM LOCATOR SYSTEM UTILIZING ITEM AND LOCATION BAR CODES Kenneth P. Glynn
7063619 (09/823877)	US	2006-06-20 (2001-03-29)	METHOD AND APPARATUS FOR IDENTIFYING GAME PLAYERS AND GAME MOVES Scott Wolinsky
6682427 (10/143350)	US	2004-01-27 (2002-05-10)	KEYPAD FOR DIALING TELEPHONE NUMBERS AND DISPLAYING GAME MOVES Scott Wolinsky
8012024 (11/249056)	US	2011-09-06 (2005-10-12)	METHOD AND APPARATUS FOR SIMULATING GAME ACCESSORIES Scott Wolinsky

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(09/813691)	US	(2001-03-21)	SYSTEM AND METHOD FOR EVALUATING THE PERFORMANCE OF A COMPUTER APPLICATION William E. Sales
(09/997394)	US	(2001-11-29)	SYSTEM AND METHOD FOR EVALUATING THE PERFORMANCE OF A COMPUTER APPLICATION W. E. Soles
6782421 (10/191882)	US	2004-08-24 (2002-07-09)	SYSTEM AND METHOD FOR EVALUATING THE PERFORMANCE OF A COMPUTER APPLICATION William E. Soles
(09/059304)	US	(1998-04-14)	AURAL SYSTEM AND METHOD William R. Saunders
(PCT/US1998/010694)	WO	(1998-05-29)	IMPROVED HEARING ENHANCEMENT SYSTEM AND METHOD RONALD D. BLUM
(09/059303)	US	(1998-04-14)	LISTENING ENHANCEMENT SYSTEM AND METHOD Ronald D. Blum
(08/852239)	US	(1997-05-06)	Hearing Enhancement System and Method Ronald D. Blum
(08/907503)	US	(1997-08-08)	LISTENING ENHANCEMENT SYSTEM AND METHOD Ronald D. Blum
(EP08160819.2)	EP	(2001-01-30)	USE OF VOICE-TO-REMAINING AUDIO (VRA) IN CONSUMER APPLICATIONS Michael A. Vaudrey
(09/059307)	US	(1998-04-14)	IMPROVED HEARING ENHANCEMENT SYSTEM AND METHOD Ronald D. Blum
EP1266469 (EP01903410.7)	EP	2008-09-24 (2001-01-30)	USE OF VOICE-TO-REMAINING AUDIO (VRA) IN CONSUMER APPLICATIONS Michael A. Vaudrey

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FR1266469 (FR01903410.7)	FR	2008-09-24 (2001-01-30)	USE OF VOICE-TO-REMAINING AUDIO (VRA) IN CONSUMER APPLICATIONS Michael A. Vaudrey
GB1266469 (GB01903410.7)	GB	2008-09-24 (2001-01-30)	USE OF VOICE-TO-REMAINING AUDIO (VRA) IN CONSUMER APPLICATIONS Michael A. Vaudrey
(PCT/US1998/010693)	WO	(1998-05-29)	IMPROVING LISTENING ENHANCEMENT SYSTEM AND METHOD RONALD D. BLUM
(60/109506)	US	(1998-11-23)	SPECIAL APPLICATION DIGITAL AUDIO DECODER Michael A. Vaudrey
(IL151007)	IL	(2001-01-30)	USE OF VOICE-TO-REMAINING AUDIO (VRA) IN CONSUMER APPLICATIONS Michael A. Vaudrey
AU750605 (AU36406/99)	AU	2002-11-21 (1999-04-14)	User Adjustable Volume Control that Accommodates Hearing RONALD D. BLUM
IN217872 (IN/PCT/02/00753/DEL)	IN	2008-03-29 (2001-01-30)	A MOVIE THEATER SYSTEM AND METHOD OF OPERATING SAID SYSTEM Michael A. Vaudrey
(JP2001-557209)	JP	(2001-01-30)	USE OF VOICE-TO-REMAINING AUDIO (VRA) IN CONSUMER APPLICATIONS Michael A. Vaudrey
(BRPI9909675-7)	BR	(1999-04-14)	User Adjustable Volume Control that Accommodates Hearing Ronald D. Blum
(CA2328353)	CA	(1999-04-14)	USER ADJUSTABLE VOLUME CONTROL THAT ACCOMMODATES HEARING Ronald D. Blum
KR10-0772042 (KR10-2002-7010006)	KR	2007-10-25 (2001-01-30)	USE OF VOICE-TO-REMAINING AUDIO (VRA) IN CONSUMER APPLICATIONS Michael A. Vaudrey

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CNZL99807367.9 (CN99807367.9)	CN	2003-07-30 (1999-04-14)	User adjustable volume control that accommodates hearing Ronald D. Blum
DE69942521.2 (DE69942521.2)	DE	2010-06-23 (1999-04-14)	USER ADJUSTABLE VOLUME CONTROL THAT ACCOMMODATES HEARING Ronald D. Blum
RU2257676 (RU2002123586)	RU	2005-07-27 (2001-01-30)	USE OF VOICE-TO-REMAINING AUDIO (VRA) IN CONSUMER APPLICATIONS Michael A. Vaudrey
DE69942784.3 (DE69942784.3)	DE	2010-09-15 (1999-04-14)	A method and apparatus for enabling an end user to adjust listener preferences for the hearing impaired and the non-hearing impaired Ronald D. Blum
EP1076928 (EP99918510.1)	EP	2010-06-23 (1999-04-14)	User adjustable volume control that accommodates hearing Ronald D. Blum
(PCT/US2001/002908)	WO	(2001-01-30)	USE OF VOICE-TO-REMAINING AUDIO (VRA) IN CONSUMER APPLICATIONS Michael A. Vaudrey
EP2009785 (EP08164762.0)	EP	2010-09-15 (1999-04-14)	Method and apparatus for providing end user adjustment capability that accommodates hearing impaired and non-hearing impaired listener preferences Ronald D. Blum
6912501 (09/934541)	US	2005-06-28 (2001-08-23)	USE OF VOICE-TO-REMAINING AUDIO (VRA) IN CONSUMER APPLICATIONS William R. Saunders
FR1076928 (FR99918510.1)	FR	2010-06-23 (1999-04-14)	USER ADJUSTABLE VOLUME CONTROL THAT ACCOMMODATES HEARING Ronald D. Blum
7337111 (11/154816)	US	2008-02-26 (2005-06-17)	Use of voice-to-remaining audio (VRA) in consumer applications Michael A. Vaudrey

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FR2009785 (FR08164762.0)	FR	2010-09-15 (1999-04-14)	A method and apparatus for enabling an end user to adjust listener preferences for the hearing impaired and the non-hearing impaired Ronald D. Blum
8170884 (11/971183)	US	2012-05-01 (2008-01-08)	Use of voice-to-remaining audio (VRA) in consumer applications William R. Saunders
GB1076928 (GB99918510.1)	GB	2010-06-23 (1999-04-14)	USER ADJUSTABLE VOLUME CONTROL THAT ACCOMMODATES HEARING Ronald D. Blum
GB2009785 (GB08164762.0)	GB	2010-09-15 (1999-04-14)	Method and apparatus for providing end user adjustment capability that accommodates hearing impaired and non-hearing impaired listener preferences Ronald D. Blum
8284960 (12/193581)	US	2012-10-09 (2008-08-18)	USER ADJUSTABLE VOLUME CONTROL THAT ACCOMMODATES HEARING William R. Saunders
IL139037 (IL139037)	IL	2006-09-12 (1999-04-14)	User Adjustable Volume Control that Accommodates Hearing Ronald D. Blum
IN227528 (IN/PCT/2000/00288/DEL)	IN	2009-01-13 (1999-04-14)	An audio system and a method for optimizing playing of an audio program Michael A. Vaudrey
(JP2000-544061)	JP	(1999-04-14)	Method and apparatus for providing user adjustment capability that accommodates hearing impaired and non-hearing impaired listener preferences Ronald D. Blum
(MX2000PA10027)	MX	(1999-04-14)	User Adjustable Volume Control that Accommodates Hearing MICHAEL A VAUDREY
(NO20005163)	NO	(1999-04-14)	User Adjustable Volume Control that Accommodates Hearing Ronald D. Blum

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7415120 (09/673275)	US	2008-08-19 (1999-04-14)	USER ADJUSTABLE VOLUME CONTROL THAT ACCOMMODATES HEARING Ronald D. Blum
(PCT/US1999/008055)	WO	(1999-04-14)	User Adjustable Volume Control that Accommodates Hearing Ronald D. Blum
(60/180220)	US	(2000-02-04)	VRA IN CONSUMER APPLICATIONS Michael A. Vaudrey
6311155 (09/580206)	US	2001-10-30 (2000-05-26)	Use of voice-to-remaining audio (VRA) in consumer applications Michael A. Vaudrey
(CA2399495)	CA	(2001-01-30)	USE OF VOICE-TO-REMAINING AUDIO (VRA) IN CONSUMER APPLICATIONS Michael A. Vaudrey
CNZL01807567.3 (CN01807567.3)	CN	2005-08-03 (2001-01-30)	Use of voice-to-remaining audio (VRA) in consumer applications Michael A. Vaudrey
DE60135905.4 (DE60135905.4)	DE	2008-09-24 (2001-01-30)	USE OF VOICE-TO-REMAINING AUDIO (VRA) IN CONSUMER APPLICATIONS Michael A. Vaudrey
6422775 (09/816549)	US	2002-07-23 (2001-03-23)	DIGITAL MESSAGING PEN Brian W. Bramlett
6646555 (09/618506)	US	2003-11-11 (2000-07-18)	WIRELESS COMMUNICATION DEVICE ATTACHMENT AND DETACHMENT DEVICE AND METHOD Ian J. Forster
EP1301899 (EP01949742.9)	EP	2011-01-05 (2001-07-17)	WIRELESS COMMUNICATION DEVICE ATTACHMENT AND DETACHMENT DEVICE AND METHOD Ian J. Forster
(PCT/GB2001/003222)	WO	(2001-07-17)	WIRELESS COMMUNICATION DEVICE ATTACHMENT AND DETACHMENT DEVICE AND METHOD Ian J. Forster

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(11/427329)	US	(2006-06-28)	WIRELESS COMMUNICATION DEVICE ATTACHMENT AND DETACHMENT DEVICE AND METHOD Ian J. Forster
FR2794893 (FR9907496)	FR	2001-09-14 (1999-06-14)	METHOD FOR MAKING A SILICON SUBSTRATE COMPRISING A BURIED THIN SILICON OXIDE FILM Malgorzata Jurczak
EP1186024 (EP00940457.5)	EP	2006-11-15 (2000-06-08)	METHOD FOR MAKING A SILICON SUBSTRATE COMPRISING A BURIED THIN SILICON OXIDE FILM Malgorzata Jurczak
6607968 (10/018680)	US	2003-08-19 (2000-06-08)	METHOD FOR MAKING A SILICON SUBSTRATE COMPRISING A BURIED THIN SILICON OXIDE FILM Malgorzata Jurczak
(PCT/FR2000/001570)	WO	(2000-06-08)	METHOD FOR MAKING A SILICON SUBSTRATE COMPRISING A BURIED THIN SILICON OXIDE FILM Malgorzata Jurczak
6414661 (09/610159)	US	2002-07-02 (2000-07-05)	METHOD AND APPARATUS FOR CALIBRATING DISPLAY DEVICES AND AUTOMATICALLY COMPENSATING FOR LOSS IN THEIR EFFICIENCY OVER TIME Zilan Shen
CNZL01805502.8 (CN01805502.8)	CN	2006-07-12 (2001-02-22)	A METHOD AND APPARATUS FOR CALIBRATING DISPLAY DEVICES AND AUTOMATICALLY COMPENSATING FOR LOSS IN THEIR EFFICIENCY OVER TIME Zilan Shen
(EP01925104.0)	EP	(2001-02-22)	A METHOD AND APPARATUS FOR CALIBRATING DISPLAY DEVICES AND AUTOMATICALLY COMPENSATING FOR LOSS IN THEIR EFFICIENCY OVER TIME Zilan Shen

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(JP2001-562472)	JP	(2001-02-22)	A METHOD AND APPARATUS FOR CALIBRATING DISPLAY DEVICES AND AUTOMATICALLY COMPENSATING FOR LOSS IN THEIR EFFICIENCY OVER TIME Zilan Shen
KR10-0665458 (KR10-2002-7010905)	KR	2006-12-28 (2001-02-22)	A METHOD AND APPARATUS FOR CALIBRATING DISPLAY DEVICES AND AUTOMATICALLY COMPENSATING FOR LOSS IN THEIR EFFICIENCY OVER TIME Zilan Shen
(11/468772)	US	(2006-08-31)	APPARATUS FOR SCANNING DOCUMENTS IN FRONT OF A DOCUMENT PLATE Jean-Tsair Tsai
(12/114598)	US	(2008-05-02)	METHOD AND APPARATUS FOR TRANSLATING WEB ADDRESSES AND USING NUMERICALLY ENTERED WEB ADDRESSES
(09/570837)	US	(2000-05-12)	SYSTEM AND METHOD FOR LIMITING DEAD AIR TIME IN INTERNET STREAMING MEDIA DELIVERY Mark T. Bolas
(PCT/US2002/011113)	WO	(2002-04-09)	STABILIZED TACTILE OUTPUT MECHANISM FOR COMPUTER INTERFACE DEVICES MICHAEL SERPA
(EP00107133.1)	EP	(2000-04-07)	PROCESSING SYSTEM VANNI LEOPOLDO BEGGIAO
(JP2001-022475)	JP	(2001-01-30)	PROCESSING OF PHOTOGRAPHS IN A PHOTOGRAPHIC LABORATORY BY OPERATORS VANNI LEOPOLDO BEGGIAO
(CA2333492)	CA	(2001-02-01)	PROCESSING OF PHOTOGRAPHS IN A PHOTOGRAPHIC LABORATORY BY OPERATORS VANNI LEOPOLDO BEGGIAO

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6499892 (09/776305)	US	2002-12-31 (2001-02-03)	PROCESSING OF PHOTOGRAPHS IN A PHOTOGRAPHIC LABORATORY BY OPERATORS Vanni Leopoldo Beggiao
(ARP000102929)	AR	(2000-06-14)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix Michael A. Vaudrey
7024465 (09/691091)	US	2006-04-04 (2000-10-18)	METHOD FOR QUEUED OVERLAP TRANSFER OF FILES Corey Young
8204962 (11/362942)	US	2012-06-19 (2006-02-28)	METHOD FOR QUEUED OVERLAP TRANSFER OF FILES Corey Young
8700742 (13/463328)	US	2014-04-15 (2012-05-03)	METHOD FOR QUEUED OVERLAP TRANSFER OF FILES Corey Young
6519336 (09/650516)	US	2003-02-11 (2000-08-29)	Method and apparatus for providing interoperation between a digital communication system and a public switched telephone network Dean Paul Vanden Heuvel
RE40057 (11/055791)	US	2008-02-12 (2005-02-11)	METHOD AND APPARATUS FOR PROVIDING INTEROPERATION BETWEEN A DIGITAL COMMUNICATION SYSTEM AND A PUBLIC SWITCHED TELEPHONE NETWORK Dean Paul Vanden Heuvel
GB1301899 (GB01949742.9)	GB	2011-01-05 (2001-07-17)	WIRELESS COMMUNICATION DEVICE ATTACHMENT AND DETACHMENT DEVICE AND METHOD Ian J. Forster
FR1301899 (FR01949742.9)	FR	2011-01-05 (2001-07-17)	WIRELESS COMMUNICATION DEVICE ATTACHMENT AND DETACHMENT DEVICE AND METHOD Ian J. Forster

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7260372 (11/472051)	US	2007-08-21 (2006-06-20)	GPS RECEIVER WITH REFLECTION AMPLIFIERS Ian J Forster
(AU52311/00)	AU	(2000-06-01)	SUPERREGENERATIVE AM DEMODULATOR Ian J Forster
(CA2374336)	CA	(2000-06-01)	SUPERREGENERATIVE AM DEMODULATOR Ian James Forster
(CN00811815.9)	CN	(2000-06-01)	SUPERREGENERATIVE AM DEMODULATOR Ian J Forster
(EP00937015.6)	EP	(2000-06-01)	SUPERREGENERATIVE AM DEMODULATOR Ian J Forster
(JP2001-505133)	JP	(2000-06-01)	SUPERREGENERATIVE AM DEMODULATOR Ian J Forster
7065328 (10/018762)	US	2006-06-20 (2000-06-01)	SUPERREGENERATIVE AM DEMODULATOR Ian J Forster
(PCT/GB2000/002093)	WO	(2000-06-01)	SUPERREGENERATIVE AM DEMODULATOR Ian James Forster
RE40976 (11/198860)	US	2009-11-17 (2005-08-04)	COMMON SOURCE EEPROM AND FLASH MEMORY Albert Bergemont
RE40991 (11/362564)	US	2009-11-17 (2006-02-23)	FAST CYCLIC REDUNDANCY CHECK (CRC) GENERATION Richard B. Keller
RE42178 (11/409544)	US	2011-03-01 (2006-04-20)	FIBER OPTIC CONVERSION SYSTEM AND METHOD Carl G. Baldwin

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6723978 (09/972119)	US	2004-04-20 (2001-10-05)	FIBER OPTIC CONVERSION SYSTEM AND METHOD Carl G. Baldwin
(PCT/US2002/031064)	WO	(2002-09-27)	FIBER OPTIC CONVERSION SYSTEM AND METHOD CARL G JR BALDWIN
6452187 (09/645377)	US	2002-09-17 (2000-08-24)	TWO-COLOR GRATING COUPLED INFRARED PHOTODETECTOR Pradip Mitra
(60/171308)	US	(1999-12-21)	SYSTEM AND METHOD FOR AUTOMATICALLY TUNNING TO A CARRIER BY DETECTING A PREDETERMINED ID CODE THOMAS D. ROBBINS
(60/221958)	US	(2000-07-31)	SYSTEM AND METHOD FOR AUTOMATICALLY REMINDING A USER OF A RECEIVER THAT A BROADCAST IS ON A DATA STREAM THOMAS D. ROBBINS
6317882 (09/634710)	US	2001-11-13 (2000-08-07)	SYSTEM AND METHOD FOR AUTOMATICALLY REMINDING A USER OF A RECEIVER THAT A BROADCAST IS ON A DATA STREAM THOMAS D ROBBINS
(PCT/US2000/034768)	WO	(2000-12-21)	SYSTEM AND METHOD FOR AUTOMATICALLY TUNING TO A CARRIER BY DETECTING A PREDETERMINED ID CODE THOMAS D ROBBINS
7788693 (09/986662)	US	2010-08-31 (2001-11-09)	METHOD OF BROADCASTING DATA FOR PROGRAMMING A RECEIVER Thomas Dean Robbins
6704579 (09/789940)	US	2004-03-09 (2001-02-15)	SYSTEM AND METHOD FOR AUTOMATICALLY CALIBRATING THE GAIN FOR A DISTRIBUTED WIRELESS COMMUNICATION SYSTEM David Gazelle

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RE43087 (11/384187)	US	2012-01-10 (2006-03-16)	IMAGE SCANNER USING LOW-PIXEL-DENSITY CCD TO ACHIEVE HIGH-PIXEL-DENSITY SCANNING QUALITY BY PIXEL-LEVEL SHIFT OF CCD Jenn-Tsair Tsai
TWI221385 (TW090113266)	TW	2004-09-21 (2001-05-31)	CCD SCANNER POWERED BY A SERIAL BUS Y-WEN LEE
6710899 (09/683957)	US	2004-03-23 (2002-03-06)	CCD SCANNER POWERED BY A SERIAL BUS Ching-Fu Chung
RE41094 (11/390538)	US	2010-02-02 (2006-03-23)	CCD SCANNER POWERED BY A SERIAL BUS Ching-Fu Chung
6163659 (09/413506)	US	2000-12-19 (1999-10-06)	SCANNING STATUS INDICATING DEVICE FOR AUTOMATIC DOCUMENT FEEDER SUE CHEN
DE10027522.2 (DE10027522.2)	DE	2008-01-31 (2000-06-02)	Automatic document feeding device used with scanner, urges document to move within feeding path and changes brightness situation when document passes scanning area SUE CHEN
6683665 (09/716535)	US	2004-01-27 (2000-11-20)	TILED ELECTRONIC DISPLAY STRUCTURE AND METHOD FOR MODULAR REPAIR THEREOF Dennis Lee Matthies
RE41603 (11/342237)	US	2010-08-31 (2006-01-27)	TILED ELECTRONIC DISPLAY STRUCTURE AND METHOD FOR MODULAR REPAIR THEREOF Dennis Lee Matthies
6560398 (09/691882)	US	2003-05-06 (2000-10-19)	LIGHT-EMITTING FIBER, AND METHOD FOR MAKING SAME William R. Roach

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6541919 (09/698913)	US	2003-04-01 (2000-10-27)	ELECTRICAL INTERCONNECTION OF LIGHT-EMITTING FIBERS, AND METHOD THEREFOR Bawa Singh
RE41902 (11/498300)	US	2010-10-26 (2006-08-03)	SYSTEM, METHOD AND APPARATUS FOR WIRELESS MONITORING AND MANAGEMENT OF COMPUTER SYSTEMS Ari David KAPLAN
6738458 (09/710990)	US	2004-05-18 (2000-11-09)	METHODS AND SYSTEMS FOR CHANGING THE DOMAIN ASSOCIATION OF A MAILBOX IN A MESSAGING SYSTEM JOHN E. CLINE
JP4593876 (JP2002-528842)	JP	2010-09-24 (2001-09-18)	DEVICE FOR PUNCTUAL MEASUREMENT OF A RADIOFREQUENCY MAGNETIC FIELD WITH CONSTANT AMPLITUDE AND FREQUENCY Jacky Bouvier
6591286 (09/683563)	US	2003-07-08 (2002-01-18)	PIPELINED CARRY-LOOKAHEAD GENERATION FOR A FAST INCREMENTER Wei-Ping Lu
FR2810108 (FR0007425)	FR	2004-04-02 (2000-06-09)	LOW NOISE SPECTROSCOPIC ELLIPSOMETER HAS A DETECTION ASSEMBLY COOLED BELOW FREEZING TO MINIMIZE THE DETECTOR NOISE SO IT IS IN THE LOW PHOTON REGION AND A LIGHT SOURCE THE NOISE OF WHICH IS ALSO MINIMIZED Frederic Ferrieu
DE60137845.8 (DE60137845.8)	DE	2009-03-04 (2001-06-08)	LOW-NOISE SPECTROSCOPIC ELLIPSOMETER Frederic Ferrieu
EP1290417 (EP01945381.0)	EP	2009-03-04 (2001-06-08)	LOW-NOISE SPECTROSCOPIC ELLIPSOMETER Frederic Ferrieu

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(JP2002-502401)	JP	(2001-06-08)	LOW NOISE SPECTROSCOPIC ELLIPSOMETER HAS A DETECTION ASSEMBLY COOLED BELOW FREEZING TO MINIMIZE THE DETECTOR NOISE SO IT IS IN THE LOW PHOTON REGION AND A LIGHT SOURCE THE NOISE OF WHICH IS ALSO MINIMIZED Frederic Ferrieu
6791684 (10/168041)	US	2004-09-14 (2001-06-08)	LOW-NOISE SPECTROSCOPIC ELLIPSOMETER Frederic Ferrieu
(PCT/FR2001/001781)	WO	(2001-06-08)	LOW-NOISE SPECTROSCOPIC ELLIPSOMETER Frederic Ferrieu
(60/174186)	US	(1999-12-29)	SYSTEMS FOR REDUCED-COST FOLLOW-ON TRANSACTIONS INCLUDING VENDING MACHINE AND REBATE TRANSACTION SYSTEM DAVID LEASON
6575363 (09/751619)	US	2003-06-10 (2000-12-28)	VENDING MACHINE David Leason
(60/247523)	US	(2000-11-09)	METHOD AND APPARATUS FOR THE WIRELESS MONITORING AND MANAGEMENT OF DATABASES Ari David Kaplan
6772169 (09/964912)	US	2004-08-03 (2001-09-27)	SYSTEM, METHOD AND APPARATUS FOR THE WIRELESS MONITORING AND MANAGEMENT OF COMPUTER SYSTEMS Ari David Kaplan
(10/040524)	US	(2001-11-01)	METHOD AND SYSTEM FOR SECURE WIRELESS DATABASE MANAGEMENT Ari D. Kaplan
7496554 (10/007912)	US	2009-02-24 (2001-11-08)	METHOD AND SYSTEM FOR WIRELESS DATABASE MANAGEMENT Ari D. Kaplan

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(PCT/US2001/046752)	WO	(2001-11-08)	METHOD AND SYSTEM FOR SECURE WIRELESS DATABASE MANAGEMENT ARI D KAPLAN
(PCT/US2001/046824)	WO	(2001-11-08)	SYSTEM, METHOD AND APPARATUS FOR THE WIRELESS MONITORING AND MANAGEMENT OF COMPUTER SYSTEMS ARI D KAPLAN
(PCT/US2001/046751)	WO	(2001-11-08)	SYSTEM FOR WIRELESS DATABASE MANAGEMENT ARI D KAPLAN
(13/189423)	US	(2011-07-22)	METHOD AND APPARATUS FOR SIMULATING GAME ACCESSORIES Scott Wolinsky
(60/139242)	US	(1999-06-15)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix MICHAEL A. VAUDREY
6442278 (09/580203)	US	2002-08-27 (2000-05-26)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix Michael A. Vaudrey
AU761690 (AU57330/00)	AU	2003-10-09 (2000-06-13)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix Michael A. Vaudrey
(CA2374849)	CA	(2000-06-13)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix Michael A. Vaudrey
(EP00942751.9)	EP	(2000-06-13)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix Michael A. Vaudrey
JP4818554 (JP2001-502618)	JP	2011-09-09 (2000-06-13)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix Michael A. Vaudrey
(NO20016090)	NO	(2000-06-13)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix Michael A. Vaudrey

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TWI152129 (TW089111608)	TW	2002-07-08 (2000-06-13)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix Michael A. Vaudrey
 (PCT/US2000/016068)	WO	 (2000-06-13)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix Michael A. Vaudrey
6650755 (10/178553)	US	2003-11-18 (2002-06-25)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix Michael A. Vaudrey
 (10/713262)	US	 (2003-11-17)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix William R. Saunders
DE60143800.0 (DE60143800.0)	DE	2011-01-05 (2001-07-17)	WIRELESS COMMUNICATION DEVICE ATTACHMENT AND DETACHMENT DEVICE AND METHOD Ian J. Forster
6469627 (09/502850)	US	2002-10-22 (2000-02-11)	MOUNTING CLIP HAVING A WIRELESS COMMUNICATION DEVICE Ian J. Forster
EP1256021 (EP01904148.2)	EP	2004-06-30 (2001-02-12)	AN IDENTIFICATION DEVICE Ian J. Forster
JP4818560 (JP2001-558762)	JP	2011-09-09 (2001-02-12)	AN IDENTIFICATION DEVICE Ian J. Forster
 (PCT/GB2001/000555)	WO	 (2001-02-12)	AN IDENTIFICATION DEVICE Ian J. Forster
7584320 (11/861114)	US	2009-09-01 (2007-09-25)	SLICED CROSSBAR ARCHITECTURE WITH NO INTER-SLICE COMMUNICATION Stephen Clark Purcell
 (60/165370)	US	 (1999-11-12)	METHOD AND APPARATUS FOR TRANSLATING WEB ADDRESSES AND USING NUMERICALLY ENTERED WEB ADDRESSES RICHARD C. FUISZ

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(60/174684)	US	(2000-01-06)	METHOD AND APPARATUS FOR TRANSLATING WEB ADDRESSES AND USING NUMERICALLY ENTERED WEB ADDRESSES RICHARD C. FUISZ
(PCT/US2000/030716)	WO	(2000-11-09)	METHOD AND APPARATUS FOR TRANSLATING WEB ADDRESSES AND USING NUMERICALLY ENTERED WEB ADDRESSES JOSEPH M FUISZ
7039722 (09/709645)	US	2006-05-02 (2000-11-13)	METHOD AND APPARATUS FOR TRANSLATING WEB ADDRESSES AND USING NUMERICALLY ENTERED WEB ADDRESSES Richard C. Fuisz
GB1106997 (GB00811055.3)	GB	2012-03-14 (2000-11-09)	METHOD AND DEVICE FOR OIL-IN-WATER MEASUREMENT Daniel Matter
6577788 (10/023579)	US	2003-06-10 (2001-12-14)	GAIN EQUALIZATION SYSTEM AND METHOD Michael H. Eiselt
7444157 (11/514282)	US	2008-10-28 (2006-08-30)	METHOD AND APPARATUS FOR BEAM SELECTION IN A SMART ANTENNA SYSTEM Eran Shenhar
6701479 (09/858232)	US	2004-03-02 (2001-05-15)	FAST CYCLIC REDUNDANCY CHECK (CRC) GENERATION Richard B. Keller
6707583 (09/644423)	US	2004-03-16 (2000-08-23)	IMAGE SCANNER USING LOW-PIXEL-DENSITY CCD TO ACHIEVE HIGH-PIXEL-DENSITY SCANNING QUALITY BY PIXEL-LEVEL SHIFT OF CCD Jenn-Tsair Tsai

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FR1320759 (FR01969920.6)	FR	2004-04-07 (2001-09-18)	DEVICE FOR PUNCTUAL MEASUREMENT OF A RADIOFREQUENCY MAGNETIC FIELD WITH CONSTANT AMPLITUDE AND FREQUENCY Jacky Bouvier
7584291 (11/041148)	US	2009-09-01 (2005-01-21)	SYSTEM AND METHOD FOR LIMITING DEAD AIR TIME IN INTERNET STREAMING MEDIA DELIVERY Mark T. Bolas
RE41967 (11/337221)	US	2010-11-30 (2006-01-20)	SINGLE-BLOCK VIRTUAL FRAME BUFFER TRANSLATED TO MULTIPLE PHYSICAL BLOCKS FOR MULTI-BLOCK DISPLAY REFRESH GENERATOR Edmund Cheung
7555008 (11/513492)	US	2009-06-30 (2006-08-31)	METHOD AND APPARATUS FOR PROVIDING A GIGABIT ETHERNET CIRCUIT PACK Anthony William Jorgenson
GB1290417 (GB01945381.0)	GB	2009-03-04 (2001-06-08)	LOW-NOISE SPECTROSCOPIC ELLIPSOMETER Frederic Ferrieu
6764018 (10/159746)	US	2004-07-20 (2002-05-30)	SECURE AUTODIAL IDENTIFICATION CARD SYSTEM AND METHOD Deron J. Ringen
6690956 (09/965090)	US	2004-02-10 (2001-09-28)	SYSTEM AND METHOD FOR ENABLING SAFE HANDS-FREE OPERATION OF A WIRELESS TELEPHONE IN A VEHICLE Poh C. Chua
(PCT/US2002/029678)	WO	(2002-09-19)	SYSTEM AND METHOD FOR ENABLING SAFE HANDS-FREE OPERATION OF A WIRELESS TELEPHONE IN A VEHICLE CHERI L. BRADLEY
7957773 (10/725579)	US	2011-06-07 (2003-12-03)	SYSTEM AND METHOD FOR ENABLING SAFE HANDS-FREE OPERATION OF A WIRELESS TELEPHONE IN A VEHICLE Poh C. Chua

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(09/863888)	US	(2001-05-22)	METHOD AND APPARATUS FOR PROVIDING A GIGABIT ETHERNET CIRCUIT PACK Nicholas Joseph Possley
6624766 (09/922500)	US	2003-09-23 (2001-08-02)	RECOVERY AND TRANSMISSION OF RETURN-TO-ZERO FORMATTED DATA USING NON-RETURN-TO-ZERO DEVICES David B. Upham
(11/589149)	US	(2006-10-26)	APPARATUS FOR SCANNING DOCUMENT Jenn-Tsair Tsai
(AU2002225962)	AU	(2001-11-08)	SYSTEM, METHOD AND APPARATUS FOR THE WIRELESS MONITORING AND MANAGEMENT OF COMPUTER SYSTEMS Ari D. Kaplan
(BRPI0011645-9)	BR	(2000-06-13)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix Michael A. Vaudrey
6560440 (09/685497)	US	2003-05-06 (2000-10-10)	METHOD FOR PRECOMPENSATING FREQUENCY DATA FOR USE IN HIGH-VELOCITY SATELLITE COMMUNICATION SYSTEMS Edward K. Orcutt
RE41027 (11/123254)	US	2009-12-01 (2005-05-06)	SYSTEMS AND METHODS TO COMPENSATE A FREQUENCY (AS AMENDED) Edward K. Orcutt
RE40970 (11/273726)	US	2009-11-17 (2005-11-14)	WIRELESS COMMUNICATION DEVICE ATTACHMENT AND DETACHMENT DEVICE AND METHOD Ian J. Forster
DE60104092.9 (DE60104092.9)	DE	2004-06-30 (2001-02-12)	AN IDENTIFICATION DEVICE Ian J. Forster
7249214 (11/218963)	US	2007-07-24 (2005-09-01)	SLICED CROSSBAR ARCHITECTURE WITH NO INTER-SLICE COMMUNICATION Stephen Clark Purcell

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6961803 (09/925156)	US	2005-11-01 (2001-08-08)	SLICED CROSSBAR ARCHITECTURE WITH NO INTER-SLICE COMMUNICATION Stephen Clark Purcell
7607134 (11/515370)	US	2009-10-20 (2006-08-31)	TBD Stephen Clark Purcell
FR1106997 (FR00811055.3)	FR	2012-03-14 (2000-11-09)	METHOD AND DEVICE FOR OIL-IN-WATER MEASUREMENT Daniel Matter
(60/244620)	US	(2000-10-30)	EEPROM AND FLASH MEMORY Albert Bergemont
(EP01993004.9)	EP	(2001-10-30)	COMMON SOURCE EEPROM AND FLASH MEMORY Albert Bergemont
6606265 (10/002607)	US	2003-08-12 (2001-10-30)	COMMON SOURCE EEPROM AND FLASH MEMORY Albert Bergemont
(PCT/US2001/045319)	WO	(2001-10-30)	COMMON SOURCE EEPROM AND FLASH MEMORY Albert Bergemont
8065284 (12/369461)	US	2011-11-22 (2009-02-11)	METHOD AND SYSTEM FOR WIRELESS DATABASE MANAGEMENT Ari David KAPLAN
GB1320759 (GB01969920.6)	GB	2004-04-07 (2001-09-18)	DEVICE FOR PUNCTUAL MEASUREMENT OF A RADIOFREQUENCY MAGNETIC FIELD WITH CONSTANT AMPLITUDE AND FREQUENCY Jacky Bouvier
RE43235 (12/789856)	US	2012-03-13 (2010-05-28)	SINGLE-BLOCK VIRTUAL FRAME BUFFER TRANSLATED TO MULTIPLE PHYSICAL BLOCKS FOR MULTI-BLOCK DISPLAY REFRESH GENERATOR Takatoshi Ishii

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RE44007 (11/520061)	US	2013-02-19 (2006-09-12)	LOW-NOISE SPECTROSCOPIC ELLIPSOMETER Frederic Ferrieu
MX228553 (MXPa/a/2001/012991)	MX	2005-06-16 (2000-06-13)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix Michael A. Vaudrey
EP1313627 (EP01963645.5)	EP	2005-10-26 (2001-08-29)	HYBRID DRIVE DEVICE Chandur Sadarangani
7325637 (10/362737)	US	2008-02-05 (2001-08-29)	HYBRID DRIVE DEVICE Chandur Sadarangani
 (11/469324)	US	 (2006-08-31)	HYBRID DRIVE DEVICE Chandur Sadarangani
6639281 (10/093208)	US	2003-10-28 (2002-03-07)	METHOD AND APPARATUS FOR PROVIDING A HIGH-PERFORMANCE ACTIVE MATRIX PIXEL USING ORGANIC THIN-FILM TRANSISTORS Barry K. Greening
 (EP02717575.1)	EP	 (2002-03-07)	METHOD AND APPARATUS FOR PROVIDING A HIGH-PERFORMANCE ACTIVE MATRIX PIXEL USING ORGANIC THIN-FILM TRANSISTORS BARRY GREENING
 (JP2002-581598)	JP	 (2002-03-07)	METHOD AND APPARATUS FOR PROVIDING A HIGH-PERFORMANCE ACTIVE MATRIX PIXEL USING ORGANIC THIN-FILM TRANSISTORS BARRY GREENING
 (KR10-2003-7012959)	KR	 (2002-03-07)	METHOD AND APPARATUS FOR PROVIDING A HIGH-PERFORMANCE ACTIVE MATRIX PIXEL USING ORGANIC THIN-FILM TRANSISTORS BARRY GREENING

GRANTOR: Mind Fusion, LLC
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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(11/262555)	US	(2005-10-28)	METHOD AND APPARATUS FOR PROVIDING A HIGH-PERFORMANCE ACTIVE MATRIX PIXEL USING ORGANIC THIN-FILM TRANSISTORS Michael G. Kane
7113738 (09/738390)	US	2006-09-26 (2000-12-15)	DECISION SUPPORT METHOD FOR PLANNING BROADCAST TRANSMISSIONS Marianna Salurso
(EP01310260.3)	EP	(2001-12-07)	DECISION SUPPORT METHOD FOR PLANNING BROADCAST TRANSMISSIONS Marianna Salurso
RE43207 (12/239620)	US	2012-02-21 (2008-09-26)	DECISION SUPPORT METHOD FOR PLANNING BROADCAST TRANSMISSIONS Marianna Salurso
(IL147057)	IL	(2000-06-13)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix Michael A. Vaudrey
RE42604 (11/804730)	US	2011-08-09 (2000-11-17)	MULTIMODE TRANSCEIVER CIRCUIT Ian J Forster
IT1256021 (IT01904148.2)	IT	2004-06-30 (2001-02-12)	MOUNTING CLIP HAVING A WIRELESS Ian J. Forster
7275126 (11/514854)	US	2007-09-25 (2006-08-31)	SLICED CROSSBAR ARCHITECTURE WITH NO INTER-SLICE COMMUNICATION Stephen Clark Purcell
7275112 (09/925159)	US	2007-09-25 (2001-08-08)	EFFICIENT SERIALIZATION OF BURSTY OUT-OF-ORDER RESULTS Stephen Clark Purcell
DE50016212.3 (DE50016212.3)	DE	2012-03-14 (2000-11-09)	METHOD AND DEVICE FOR OIL-IN-WATER MEASUREMENT Daniel Matter

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6721072 (09/661469)	US	2004-04-13 (2000-09-13)	APPARATUS FOR SCANNING DOCUMENTS IN FRONT OF A DOCUMENT PLATE Jenn-Tsair Tsai
RE40974 (11/405040)	US	2009-11-17 (2006-04-13)	APPARATUS FOR SCANNING DOCUMENTS IN FRONT OF A DOCUMENT PLATE Emmet Chen
6578845 (09/828186)	US	2003-06-17 (2001-04-09)	AUTOMATIC DOCUMENT FEEDING APPARATUS HAVING SEPARATION MECHANISM Sun Chen
6760734 (09/851748)	US	2004-07-06 (2001-05-09)	FRAMEWORK FOR STORING METADATA IN A COMMON ACCESS REPOSITORY Robert Todd Stephens
7573263 (11/514289)	US	2009-08-11 (2006-08-31)	DEVICE FOR PUNCTUAL MEASUREMENT OF A RADIOFREQUENCY MAGNETIC FIELD WITH CONSTANT AMPLITUDE AND FREQUENCY Jacky Bouvier
6680738 (09/683852)	US	2004-01-20 (2002-02-22)	SINGLE-BLOCK VIRTUAL FRAME BUFFER TRANSLATED TO MULTIPLE PHYSICAL BLOCKS FOR MULTI-BLOCK DISPLAY REFRESH GENERATOR Edmund Cheung
HK1056449 (HK03108662.7)	HK	2006-03-24 (2001-01-30)	USE OF VOICE-TO-REMAINING AUDIO (VRA) IN CONSUMER APPLICATIONS Michael A. Vaudrey
(PCT/GB2000/004397)	WO	(2000-11-17)	MULTIMODE DUAL DIODE CIRCUIT Ian J. Forster
(AU2001232065)	AU	(2001-02-12)	AN IDENTIFICATION DEVICE Ian J. Forster

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(12/114562)	US	(2008-05-02)	METHOD AND APPARATUS FOR TRANSLATING WEB ADDRESSES AND USING NUMERICALLY ENTERED WEB ADDRESS Richard C. Fuisz
(BRPI0108081-4)	BR	(2001-01-30)	USE OF VOICE-TO-REMAINING AUDIO (VRA) IN CONSUMER APPLICATIONS Michael A. Vaudrey
6895226 (10/130442)	US	2005-05-17 (2000-11-17)	MULTIMODE TRANSCEIVER CIRCUIT Ian J. Forster
GB2356526 (GB9927182.7)	GB	2002-08-21 (1999-11-18)	TRANSCEIVER CIRCUIT Ian J Forster
NL1256021 (NL01904148.2)	NL	2004-06-30 (2001-02-12)	MOUNTING CLIP HAVING A WIRELESS Ian J. Forster
6956570 (09/894225)	US	2005-10-18 (2001-06-27)	OBJECT VISIBILITY CONTROL FOR RAY TRACING Aaftab A. Munshi
7289826 (10/124541)	US	2007-10-30 (2002-04-16)	METHOD AND APPARATUS FOR BEAM SELECTION IN A SMART ANTENNA SYSTEM Eran Shenhar
6732228 (09/910119)	US	2004-05-04 (2001-07-19)	MULTI-PROTOCOL DATA CLASSIFICATION USING ON-CHIP CAM Richard Willardson
RE42135 (11/429636)	US	2011-02-08 (2006-05-04)	MULTI-PROTOCOL DATA CLASSIFICATION USING ON-CHIP CAM Richard Willardson
6597733 (09/800268)	US	2003-07-22 (2001-03-05)	EQUALIZER PERFORMANCE ENHANCEMENTS FOR BROADBAND WIRELESS APPLICATIONS Eli Arviv
RE42823 (11/332808)	US	2011-10-11 (2006-01-13)	SLIDE SECURING DEVICE FOR FLATBED SCANNING SYSEM Jenn-Tsair Tsai

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RE39578 (11/176885)	US	2007-04-17 (2005-07-07)	PIPELINED CARRY-LOOKAHEAD GENERATION FOR A FAST INCREMENTER Wei-Ping Lu
RE41517 (11/231280)	US	2010-08-17 (2005-09-20)	RECOVERY AND TRANSMISSION OF RETURN-TO-ZERO FORMATTED DATA USING NON-RETURN-TO-ZERO DEVICES David B. Upham
MX223188 (MXPA/A/2002/007515)	MX	2004-10-01 (2001-01-30)	USE OF VOICE-TO-REMAINING AUDIO (VRA) IN CONSUMER APPLICATIONS Michael A. Vaudrey
 (AU2002228830)	AU	 (2001-11-08)	AN IMPROVED METHOD AND SYSTEM FOR WIRELESS DATABASE MANAGEMENT Ari D. Kaplan
FR1256021 (FR01904148.2)	FR	2004-06-30 (2001-02-12)	MOUNTING CLIP HAVING A WIRELESS Ian J. Forster
7479960 (11/244417)	US	2009-01-20 (2005-10-04)	OBJECT VISIBILITY CONTROL FOR RAY TRACING Aaftab A. Munshi
7826854 (12/239094)	US	2010-11-02 (2008-09-26)	METHOD AND APPARATUS FOR SMART BEAM SELECTION IN A SMART ANTENNA SYSTEM Eran Shenhar
RE41841 (11/208132)	US	2010-10-19 (2005-08-19)	METHOD FOR MAKING A SILICON SUBSTRATE COMPRISING A BURIED THIN SILICON OXIDE FILM Malgorzata Jurczak
 (PCT/US2002/006879)	WO	 (2002-03-05)	EQUALIZER PERFORMANCE ENHANCEMENTS FOR BROADBAND WIRELESS APPLICATIONS Eli Arviv
 (11/963291)	US	 (2007-12-21)	METHOD AND APPARATUS FOR PROVIDING A GIGABIT ETHERNET CIRCUIT PACK Anthony William Jorgenson

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CNZL00811414.5 (CN00811414.5)	CN	2006-06-30 (2000-06-13)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix Michael A. Vaudrey
(IN/PCT/01/01175/DEL)	IN	(2000-06-13)	Voice-To-Remaining Audio (VRA) Interactive Center Channel Downmix Michael A. Vaudrey
KR10-0718420 (KR10-2001-7016225)	KR	2007-05-08 (2000-06-01)	SUPERREGENERATIVE AM DEMODULATOR Ian J Forster
6587091 (09/840344)	US	2003-07-01 (2001-04-23)	STABILIZED TACTILE OUTPUT MECHANISM FOR COMPUTER INTERFACE DEVICES Michael Lawrence Serpa
RE41610 (11/150606)	US	2010-08-31 (2005-06-10)	GAIN EQUALIZATION SYSTEM AND METHOD Mark Shtaif
6679636 (09/896128)	US	2004-01-20 (2001-06-29)	METHOD AND APPARATUS FOR MAINTAINING ALIGNMENT OF A LASER DIODE WITH AN OPTICAL FIBER Edward L. Hershberg
RE41936 (11/372445)	US	2010-11-16 (2006-03-08)	SYSTEM AND METHOD OF AUTOMATICALLY CALIBRATING THE GAIN FOR A DISTRIBUTED WIRELESS COMMUNICATION SYSTEM David Gazelle
6678075 (09/588642)	US	2004-01-13 (2000-06-07)	SLIDE SECURING DEVICE FOR FLATBED SCANNING SYSTEM Jenn-Tsair Tsai
AU2001231228 (AU2001231228)	AU	2005-01-07 (2001-01-30)	USE OF VOICE-TO-REMAINING AUDIO (VRA) IN CONSUMER APPLICATIONS Michael A. Vaudrey
(11/416410)	US	(2006-05-02)	METHOD AND APPARATUS FOR TRANSLATING WEB ADDRESS AND USING NUMERICALLY ENTERED WEB ADDRESSES Richard C. Fuisz

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(AU2002228831)	AU	(2001-11-08)	METHOD AND SYSTEM FOR SECURE WIRELESS DATABASE MANAGEMENT Ari D. Kaplan
(EP00118954.7)	EP	(2000-09-01)	VENDING SYSTEM FOR SELLING PRODUCTS OR SERVICES TO PURCHASERS HAVING MOBILE COMMUNICATORS GIOVANNI CARAPELLI
(PCT/IB2001/001841)	WO	(2001-08-28)	VENDING SYSTEM GIOVANNI CARAPELLI
CA2421084 (CA2421084)	CA	(2001-08-28)	VENDING SYSTEM GIOVANNI CARAPELLI
EP1316075 (EP01970091.3)	EP	2004-05-19 (2001-08-28)	VENDING SYSTEM GIOVANNI CARAPELLI
AT267427 (AT01970091.3)	AT	2004-05-19 (2001-08-28)	VENDING SYSTEM GIOVANNI CARAPELLI
DE60103412.0 (DE60103412.0)	DE	2004-05-19 (2001-08-28)	VENDING SYSTEM GIOVANNI CARAPELLI
GB1316075 (GB01970091.3)	GB	2004-05-19 (2001-08-28)	VENDING SYSTEM GIOVANNI CARAPELLI
IT1316075 (IT01970091.3)	IT	2004-05-19 (2001-08-28)	Vending System GIOVANNI CARAPELLI
7574377 (10/363060)	US	2009-08-11 (2001-08-28)	Vending system Giovanni Carapelli
(12/490274)	US	(2001-08-28)	SYSTEMS, METHODS, AND COMPUTER STORAGE MEDIUM FOR VENDING PRODUCTS AND SERVICES TO PURCHASERS HAVING MOBILE COMMUNICATORS Giovanni CARAPELLI

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(GB0017312.0)	GB	(2000-07-15)	BISTABLE LIQUID CRYSTAL DEVICES JONES JOHN CLIFFORD
AT337571 (AT01949664.5)	AT	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JONES JOHN CLIFFORD
BE1303787 (BE01949664.5)	BE	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JONES JOHN CLIFFORD
(CA2415419)	CA	(2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JOHN CLIFFORD JONES
(CN01815761.0)	CN	(2001-07-11)	Bistable liquid crystal devices JOHN CLIFFORD JONES
CY1303787 (CY01949664.5)	CY	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES Jonathan Richard MILLER
DE60122531.7 (DE60122531.7)	DE	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES Jonathan Richard MILLER
DK1303787 (DK01949664.5)	DK	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JOHN CLIFFORD JONES
EP1303787 (EP01949664.5)	EP	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JOHN CLIFFORD JONES
FR1303787 (FR01949664.5)	FR	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JOHN CLIFFORD JONES
GB1303787 (GB01949664.5)	GB	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JOHN CLIFFORD JONES
GR1303787 (GR01949664.5)	GR	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JOHN CLIFFORD JONES
IE1303787 (IE01949664.5)	IE	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JOHN CLIFFORD JONES

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IT1303787 (IT01949664.5)	IT	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JOHN CLIFFORD JONES
(JP2002-512737)	JP	(2001-07-11)	Bistable liquid crystal devices JOHN CLIFFORD JONES
(KR10-2003-7000637)	KR	(2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JOHN CLIFFORD JONES
LU1303787 (LU01949664.5)	LU	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JOHN CLIFFORD JONES
MC1303787 (MC01949664.5)	MC	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JOHN CLIFFORD JONES
NL1303787 (NL01949664.5)	NL	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JOHN CLIFFORD JONES
PT1303787 (PT01949664.5)	PT	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JOHN CLIFFORD JONES
RU2253888 (RU20030104514)	RU	(2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES MILLER RICHARD DZHONATAN
SE1303787 (SE01949664.5)	SE	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JOHN CLIFFORD JONES
TR1303787 (TR01949664.5)	TR	2006-08-23 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JOHN CLIFFORD JONES
7006165 (10/332902)	US	2006-02-28 (2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES Richard J. Miller
(PCT/GB2001/003112)	WO	(2001-07-11)	BISTABLE LIQUID CRYSTAL DEVICES JONATHAN RICHARD MILLER
RE44889 (12/039697)	US	2014-05-13 (2008-02-28)	BISTABLE LIQUID CRYSTAL DEVICES Richard Jonathan Miller

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(GB0013942.8)	GB	(2000-06-09)	COMPUTATION TIME REDUCTION FOR THREE-DIMENSIONAL DISPLAYS DOUGLAS A PAIN
(PCT/GB2001/002302)	WO	(2001-05-24)	COMPUTATION TIME REDUCTION FOR THREE-DIMENSIONAL DISPLAYS MICHAEL PAUL BLANCHARD
(CA2411837)	CA	(2001-05-24)	COMPUTATION TIME REDUCTION FOR THREE-DIMENSIONAL DISPLAYS DOUGLAS ALAN PAYNE
EP1287400 (EP01936615.2)	EP	2007-11-07 (2001-05-24)	COMPUTATION TIME REDUCTION FOR THREE-DIMENSIONAL DISPLAYS DOUGLAS ALAN PAYNE
DE60131274.0 (DE60131274.0)	DE	2007-11-07 (2001-05-24)	COMPUTATION TIME REDUCTION FOR THREE-DIMENSIONAL DISPLAYS Alan Douglas PAYNE
FR1287400 (FR01936615.2)	FR	2007-11-07 (2001-05-24)	COMPUTATION TIME REDUCTION FOR THREE-DIMENSIONAL DISPLAYS Alan Douglas PAYNE
GB1287400 (GB01936615.2)	GB	2007-11-07 (2001-05-24)	COMPUTATION TIME REDUCTION FOR THREE-DIMENSIONAL DISPLAYS Alan Douglas PAYNE
JP4717320 (JP2002-502508)	JP	2011-04-08 (2001-05-24)	COMPUTATION TIME REDUCTION FOR THREE-DIMENSIONAL DISPLAYS Douglas A. Levenets
7053925 (10/297487)	US	2006-05-30 (2001-05-24)	COMPUTATION TIME REDUCTION FOR THREE-DIMENSIONAL DISPLAYS Douglas A. Levenets
RE43203 (12/129941)	US	2012-02-21 (2008-05-30)	COMPUTATION TIME REDUCTION FOR THE THREE-DIMENSIONAL DISPLAYS Douglas A. Levenets
7103348 (09/448180)	US	2006-09-05 (1999-11-24)	MOBILE STATION (MS) MESSAGE SELECTION IDENTIFICATION SYSTEM GUY LEVIT

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EP1104206 (EP00125241.0)	EP	2007-08-15 (2000-11-23)	MOBILE STATION MESSAGE SELECTION IDENTIFICATION SYSTEM NOAM CAMIEL
DE60035940.9 (DE60035940.9)	DE	2007-08-15 (2000-11-23)	MOBILE STATION MESSAGE SELECTION IDENTIFICATION SYSTEM GUY LEVIT
ES1104206 (ES00125241.0)	ES	2007-08-15 (2000-11-23)	MOBILE STATION MESSAGE SELECTION IDENTIFICATION SYSTEM GUY LEVIT
FR1104206 (FR00125241.0)	FR	2007-08-15 (2000-11-23)	MOBILE STATION MESSAGE SELECTION IDENTIFICATION SYSTEM GUY LEVIT
GB1104206 (GB00125241.0)	GB	2007-08-15 (2000-11-23)	MOBILE STATION MESSAGE SELECTION IDENTIFICATION SYSTEM GUY LEVIT
IT1104206 (IT00125241.0)	IT	2007-08-15 (2000-11-23)	MOBILE STATION MESSAGE SELECTION IDENTIFICATION SYSTEM GUY LEVIT
7773608 (12/210768)	US	2010-08-10 (2008-09-15)	PORT-TO-PORT, NON-BLOCKING, SCALABLE OPTICAL ROUTER ARCHITECTURE AND METHOD FOR ROUTING OPTICAL TRAFFIC Larry L. Miles
6067095 (08/795711)	US	2000-05-23 (1997-02-04)	METHOD FOR GENERATING MOUTH FEATURES OF AN ANIMATED OR PHYSICAL CHARACTER DAMON V DANIELI
6415439 (08/795710)	US	2002-07-02 (1997-02-04)	PROTOCOL FOR A WIRELESS CONTROL SYSTEM LEONARD DEL CASTILLO
5977951 (08/795698)	US	1999-11-02 (1997-02-04)	SYSTEM AND METHOD FOR SUBSTITUTING AN ANIMATED CHARACTER WHEN A REMOTE CONTROL PHYSICAL CHARACTER IS UNAVAILABLE DAMON VINCENT DANIELI

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6317714 (08/794921)	US	2001-11-13 (1997-02-04)	CONTROLLER AND ASSOCIATED MECHANICALLY CHARACTERS OPERABLE FOR CONTINUOUSLY PERFORMING RECEIVED CONTROL DATA WHILE ENGAGING IN BIDIRECTIONAL COMMUNICATIONS OVER A SINGLE COMMUNICATIONS CHANNEL LEONARDO DEL CASTILLO
6742188 (08/885385)	US	2004-05-25 (1997-06-30)	METHOD AND SYSTEM FOR ENCODING DATA IN THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL Leonardo Del Castillo
5912454 (08/886054)	US	1999-06-15 (1997-06-30)	SYSTEM AND METHOD FOR DETECTING A RELATIVE CHANGE IN LIGHT SENSITIVITY LEONARDO DEL CASTILLO
6032548 (08/907473)	US	2000-03-07 (1997-08-08)	SYSTEM AND METHOD FOR CREATING MOVEMENT UTILIZING A SERVO MECHANISM WITH A SELF-ALIGNING CLUTCH LEONARDO DEL CASTILLO
CA2294948 (CA2294948)	CA	2005-03-22 (1998-06-29)	METHOD AND SYSTEM FOR ENCODING DATA IN THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL LEONARDO DEL CASTILLO
DE69823195.3 (DE69823195.3)	DE	2004-04-14 (1998-06-29)	METHOD AND SYSTEM FOR ENCODING DATA IN THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL LEONARDO DEL CASTILLO
EP0992158 (EP98932945.3)	EP	2004-04-14 (1998-06-29)	METHOD AND SYSTEM FOR ENCODING DATA IN THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL LEONARDO DEL CASTILLO
FR0992158 (FR98932945.3)	FR	2004-04-14 (1998-06-29)	METHOD AND SYSTEM FOR ENCODING DATA IN THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL LEONARDO DEL CASTILLO

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GB0992158 (GB98932945.3)	GB	2004-04-14 (1998-06-29)	METHOD AND SYSTEM FOR ENCODING DATA IN THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL LEONARDO DEL CASTILLO
JP4859271 (JP2000-500780)	JP	2011-11-11 (1998-06-29)	METHOD AND SYSTEM FOR ENCODING DATA IN THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL LEONARDO DEL CASTILLO
NL0992158 (NL98932945.3)	NL	2004-04-14 (1998-06-29)	METHOD AND SYSTEM FOR ENCODING DATA IN THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL LEONARDO DEL CASTILLO
 (PCT/US1998/013482)	WO	 (1998-06-29)	METHOD AND SYSTEM FOR ENCODING DATA IN THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL DEL CASTILLO LEONARDO
6937289 (09/475832)	US	2005-08-30 (1999-12-30)	METHOD AND SYSTEM FOR DOWNLOADING AND STORING INTERACTIVE DEVICE CONTENT USING THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL CRAIG S. RANTA
DE60015604.4 (DE60015604.4)	DE	2004-11-03 (2000-12-20)	METHOD AND SYSTEM FOR DOWNLOADING AND STORING INTERACTIVE DEVICE CONTENT USING THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL CRAIG RANTA
EP1243134 (EP00993762.4)	EP	2004-11-03 (2000-12-20)	METHOD AND SYSTEM FOR DOWNLOADING AND STORING INTERACTIVE DEVICE CONTENT USING THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL CRAIG RANTA

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FR1243134 (FR00993762.4)	FR	2004-11-03 (2000-12-20)	METHOD AND SYSTEM FOR DOWNLOADING AND STORING INTERACTIVE DEVICE CONTENT USING THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL CRAIG RANTA
GB1243134 (GB00993762.4)	GB	2004-11-03 (2000-12-20)	METHOD AND SYSTEM FOR DOWNLOADING AND STORING INTERACTIVE DEVICE CONTENT USING THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL CRAIG RANTA
JP4883865 (JP2001-551003)	JP	2011-12-16 (2000-12-20)	METHOD AND SYSTEM FOR DOWNLOADING AND STORING INACTIVE DEVICE CONTENT USING THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL CRAIG RANTA
 (PCT/US2000/034789)	WO	 (2000-12-20)	METHOD AND SYSTEM FOR TRANSMITTING AND STORING INTERACTIVE DEVICE CONTROL DATA USING HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL CRAIG RANTA
TWI160361 (TW089128428)	TW	2002-08-01 (2000-12-30)	METHOD AND SYSTEM FOR DOWNLOADING AND STORING INTERACTIVE DEVICE CONTENT USING THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL CRAIG S. RANTA
7477320 (11/127916)	US	2009-01-13 (2005-05-11)	METHOD AND SYSTEM FOR DOWNLOADING AND STORING INACTIVE DEVICE CONTENT USING THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL Harjit Singh

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
7787050 (12/270039)	US	2010-08-31 (2008-11-13)	METHOD AND SYSTEM FOR DOWNLOADING AND STORING INTERACTIVE DEVICE CONTENT USING THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL Craig S. Ranta
FI116496 (FI20031666)	FI	2005-11-30 (2003-11-17)	WIDEBAND COMMUNICATION METHOD
EP1685655 (EP04798282.2)	EP	2011-10-12 (2004-11-12)	WIDEBAND COMMUNICATION METHOD PALIN ARTO
DE60343223.9 (DE60343223.9)	DE	2013-01-30 (2003-10-08)	SYSTEM AND METHOD WITH POLICY CONTROL FUNCTION FOR MULTIMEDIA BROADCAST/MULTICAST SYSTEM SERVICES
CNZL02829259.6 (CN02829259.6)	CN	2009-12-23 (2002-07-04)	MANAGING A PACKET SWITCHED CONFERENCE CALL Jarmo KUUSINEN
EP1547332 (EP02741069.5)	EP	2007-10-31 (2002-07-04)	MANAGING A PACKET SWITCHED CONFERENCE CALL KUUSINEN JARMO
DE60223292.9 (DE60223292.9)	DE	2007-10-31 (2002-07-04)	MANAGING A PACKET SWITCHED CONFERENCE CALL Jarmo KUUSINEN
ES1547332 (ES02741069.5)	ES	2007-10-31 (2002-07-04)	MANAGING A PACKET SWITCHED CONFERENCE CALL Jarmo Kuusinen
FR1547332 (FR02741069.5)	FR	2007-10-31 (2002-07-04)	MANAGING A PACKET SWITCHED CONFERENCE CALL Jarmo Kuusinen
GB1547332 (GB02741069.5)	GB	2007-10-31 (2002-07-04)	MANAGING A PACKET SWITCHED CONFERENCE CALL Jarmo Kuusinen
IT1547332 (IT02741069.5)	IT	2007-10-31 (2002-07-04)	MANAGING A PACKET SWITCHED CONFERENCE CALL Jarmo Kuusinen

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JP4064964 (JP2004-519028)	JP	2008-01-11 (2002-07-04)	SPEAKER INDICATION IN CONFERENCE CALL Jarmo Kuusinen
KR10-0914949 (KR10-2005-7000081)	KR	2009-08-25 (2002-07-04)	MANAGING A PACKET SWITCHED CONFERENCE CALL Jarmo Kuusinen
(PCT/IB2005/001994)	WO	(2005-06-13)	CHARGING IN A COMMUNICATION SYSTEM Juha-Pekka Koskinen
EP1766857 (EP05757552.4)	EP	2019-04-03 (2005-06-13)	CHARGING IN A COMMUNICATION SYSTEM Juha-Pekka Koskinen
(IN412/DELNP/2007)	IN	(2005-06-13)	CHARGING IN A COMMUNICATION SYSTEM Juha-Pekka Koskinen
6650335 (09/790839)	US	2003-11-18 (2001-02-22)	METHOD FOR EXTRACTING STATIC AND DYNAMIC SUPER-RESOLUTION TEXTURES FORM A SEQUENCE OF IMAGES Matthew Brand
(CA2378706)	CA	(2000-07-07)	ELECTRONIC LOCK CONTROL SYSTEM AND HOME MEDICAL MANAGEMENT SYSTEM KENJI UEYAMA
6603401 (10/030071)	US	2003-08-05 (2000-07-07)	ELECTRONIC LOCK CONTROL SYSTEM AND HOME MEDICAL MANAGEMENT SYSTEM Kenji Ueyama
8819126 (13/709530)	US	2014-08-26 (2012-12-10)	DISTRIBUTED CONTROL FOR A CONTINUOUS PLAY BACKGROUND MUSIC SYSTEM Thomas M. Krikorian
FR1417646 (FR02745534.4)	FR	2011-11-09 (2002-06-14)	METHOD FOR RECONSTRUCTION OF AN IMAGE OF A MOVING OBJECT ANNE KOENIG

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(60/164785)	US	(1999-11-10)	PROGRAMMER SYSTEMS LEV M. BOLOTIN
6732853 (09/471667)	US	2004-05-11 (1999-12-24)	PROGRAMMER SYSTEMS LEV M. BOLOTIN
DE60004947.7 (DE60004947.7)	DE	2003-09-03 (2000-06-28)	Programmer systems LEV M. BOLOTIN
EPI100303 (EP00113707.4)	EP	2003-09-03 (2000-06-28)	Programmer systems LEV M. BOLOTIN
TWI172994 (TW089113273)	TW	2009-01-21 (2000-07-05)	Micro device processing system LEV M. BOLOTIN
CNZL00120115.8 (CN00120115.8)	CN	2005-05-25 (2000-07-17)	PROGRAMMER SYSTEMS LEV M. BOLOTIN
(BRPI0003615.3)	BR	(2000-07-31)	Programmer systems Levi M. Bolotin
JP3530467 (JP2000-231567)	JP	2004-03-05 (2000-07-31)	MICRO DEVICE PROCESSING SYSTEM Levi M. Bolotin
7155813 (10/797999)	US	2007-01-02 (2004-03-10)	PROGRAMMER SYSTEMS Levi M. Bolotin
6549986 (09/598063)	US	2003-04-15 (2000-06-20)	Low power instruction cache John R. Spence
D543953 (29/189322)	US	2007-06-05 (2003-09-02)	WING PORTION OF A BUTTERFLY- STYLE INSIDE-OUT HEAT SINK Roger Dugas
(EM000145354)	EM	(2004-02-27)	BUTTERFLY-STYLE INSIDE-OUT HEAT SINK WING PORTION Roger Dugas
EMI45354-0001 (EM000145354-0001)	EM	2004-06-01 (2004-02-27)	BUTTERFLY-STYLE INSIDE-OUT HEAT SINK WING PORTION Roger Dugas

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EMI45354-0002 (EM000145354-0002)	EM	2004-06-01 (2004-02-27)	BUTTERFLY-STYLE INSIDE-OUT HEAT SINK WING PORTION Roger Dugas
EMI45354-0003 (EM000145354-0003)	EM	2004-06-01 (2004-02-27)	BUTTERFLY-STYLE INSIDE-OUT HEAT SINK WING PORTION Roger Dugas
EMI45354-0004 (EM000145354-0004)	EM	2004-06-01 (2004-02-27)	BUTTERFLY-STYLE INSIDE-OUT HEAT SINK WING PORTION Roger Dugas
EMI45354-0005 (EM000145354-0005)	EM	2004-06-01 (2004-02-27)	BUTTERFLY-STYLE INSIDE-OUT HEAT SINK WING PORTION Roger Dugas
(CN200430004679.9)	CN	(2004-03-02)	BUTTERFLY-STYLE INSIDE-OUT HEAT SINK WING PORTION Roger Dugas
JP3108477 (JP2004-006373)	JP	(2004-03-02)	BUTTERFLY-STYLE INSIDE-OUT HEAT SINK WING PORTION Roger Dugas
JP1240344 (JP2004-032771)	JP	2005-04-01 (2004-03-02)	BUTTERFLY-STYLE INSIDE-OUT HEAT SINK WING PORTION Roger Dugas
(JP2004-032772)	JP	(2004-10-28)	BUTTERFLY-STYLE INSIDE-OUT HEAT SINK WING PORTION MAEDA MASAHIRO
JP4278527 (JP2004-032773)	JP	2009-06-17 (2004-10-28)	BUTTERFLY-STYLE INSIDE-OUT HEAT SINK WING PORTION SHOGATSU SHOJI
JP1250821 (JP2004-032774)	JP	2005-07-29 (2004-10-28)	BUTTERFLY-STYLE INSIDE-OUT HEAT SINK WING PORTION Roger Dugas
6490345 (09/760728)	US	2002-12-03 (2001-01-17)	DIALING PLAN SERVICE INCLUDING OUTGOING CALL SCREENING, REMOTE TIE-LINE ROUTING, CALL DATA REPORTING AND BILLING Harold C. Fleischer

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6781638 (09/928171)	US	2004-08-24 (2001-08-10)	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH Patrick H. Hayes
AU2002254384 (AU2002254384)	AU	2006-12-21 (2002-03-26)	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH Patrick H. Hayes
(BR2002PI11783)	BR	(2002-03-26)	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH HAYES PATRICK H
(CA2456660)	CA	(2002-03-26)	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH PATRICK H HAYES
DE60230433.4 (DE60230433.4)	DE	2008-12-17 (2002-03-26)	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH Patrick H. Hayes
EP1436983 (EP02723614.0)	EP	2008-12-17 (2002-03-26)	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH PATRICK H HAYES
FR1436983 (FR02723614.0)	FR	2008-12-17 (2002-03-26)	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH Patrick H. Hayes
GB1436983 (GB02723614.0)	GB	2008-12-17 (2002-03-26)	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH Patrick H. Hayes
(MX04001211)	MX	(2002-03-26)	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH Patrick H. Hayes

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(PCT/US2002/009289)	WO	(2002-03-26)	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH Patrick H. Hayes
6524885 (09/738228)	US	2003-02-25 (2000-12-15)	Method, Apparatus And System For Building An Interposer Onto A Semiconductor Wafer Using Laser Techniques John L. Pierce
6933617 (10/373413)	US	2005-08-23 (2003-02-24)	Wafer Interposer Assembly John L. Pierce
6072878 (08/936636)	US	2000-06-06 (1997-09-24)	MULTI-CHANNEL SURROUND SOUND MASTERING AND REPRODUCTION TECHNIQUES THAT PRESERVE SPATIAL HARMONICS JAMES A. MOORER
6904152 (09/552378)	US	2005-06-07 (2000-04-19)	MULTI-CHANNEL SURROUND SOUND MASTERING AND REPRODUCTION TECHNIQUES THAT PRESERVE SPATIAL HARMONICS IN THREE DIMENSIONS James A. Moorer
(PCT/US2000/027851)	WO	(2000-10-06)	MULTI-CHANNEL SURROUND SOUND MASTERING AND REPRODUCTION TECHNIQUES THAT PRESERVE SPATIAL HARMONICS IN THREE DIMENSIONS JAMES A MOORER
(AU80030/00)	AU	(2000-10-06)	Multi-channel surround sound mastering and reproduction techniques that preservespatial harmonics in three dimensions JAMES A MOORER
(CA2406926)	CA	(2000-10-06)	MULTI-CHANNEL SURROUND SOUND MASTERING AND REPRODUCTION TECHNIQUES THAT PRESERVE SPATIAL HARMONICS IN THREE DIMENSIONS JAMES A MOORER
(CN00819561.7)	CN	(2000-10-06)	Multi-channel surround sound mastering and reproduction techniques that preserve spatial harmonics in three dimensions JAMES A MOORER

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EP1275272 (EP00970687.0)	EP	2012-11-21 (2000-10-06)	MULTI-CHANNEL SURROUND SOUND MASTERING AND REPRODUCTION TECHNIQUES THAT PRESERVE SPATIAL HARMONICS IN THREE DIMENSIONS JAMES A MOORER
DE60047654.5 (DE60047654.5)	DE	2012-11-21 (2000-10-06)	MULTI-CHANNEL SURROUND SOUND MASTERING AND REPRODUCTION TECHNIQUES THAT PRESERVE SPATIAL HARMONICS IN THREE DIMENSIONS JAMES A MOORER
FR1275272 (FR00970687.0)	FR	2012-11-21 (2000-10-06)	MULTI-CHANNEL SURROUND SOUND MASTERING AND REPRODUCTION TECHNIQUES THAT PRESERVE SPATIAL HARMONICS IN THREE DIMENSIONS JAMES A MOORER
GB1275272 (GB00970687.0)	GB	2012-11-21 (2000-10-06)	MULTI-CHANNEL SURROUND SOUND MASTERING AND REPRODUCTION TECHNIQUES THAT PRESERVE SPATIAL HARMONICS IN THREE DIMENSIONS JAMES A MOORER
JP4861593 (JP2001-578151)	JP	2011-11-11 (2000-10-06)	MULTI-CHANNEL SURROUND SOUND MASTERING AND REPRODUCTION TECHNIQUES THAT PRESERVE SPATIAL HARMONICS IN THREE DIMENSIONS James A. Moorer
7606373 (11/069533)	US	2009-10-20 (2005-02-25)	Multi-channel surround sound mastering and reproduction techniques that preserve spatial harmonics in three dimensions James A. Moorer
(GB0027103.1)	GB	(2000-11-07)	IMPROVED 3D DISPLAY Unable to verify
(60/247016)	US	(2000-11-13)	3D DISPLAY Unable to verify
(CA2428149)	CA	(2001-11-02)	IMPROVED 3D DISPLAY CHRISTOPHER WILLIAM SLINGER

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(EP01982588.4)	EP	(2001-11-02)	IMPROVED 3D DISPLAY CHRISTOPHER WILLIAM SLINGER
(JP2002-541454)	JP	(2001-11-02)	IMPROVED 3D DISPLAY Colin D Cameron
7230746 (10/415957)	US	2007-06-12 (2001-11-02)	3D DISPLAY Colin D Cameron
(PCT/GB2001/004855)	WO	(2001-11-02)	IMPROVED 3D DISPLAY DAVID COLIN CAMERON
7768684 (11/750977)	US	2010-08-03 (2007-05-18)	IMPROVED 3D DISPLAY Colin D. Cameron
(GB0027104.9)	GB	(2000-11-07)	IMPROVED THREE DIMENSIONAL DISPLAY PETER CHARLES COWLING
(60/247011)	US	(2000-11-13)	THREE DIMENSIONAL DISPLAY PETER CHARLES COWLING
(EP01980701.5)	EP	(2001-11-05)	IMPROVED THREE DIMENSIONAL DISPLAY PETER CHARLES COWLING
(JP2002-541631)	JP	(2001-11-05)	IMPROVED THREE DIMENSIONAL DISPLAY DAVID COLIN CAMERON
(PCT/GB2001/004886)	WO	(2001-11-05)	IMPROVED THREE DIMENSIONAL DISPLAY DAVID COLIN CAMERON
(10/415982)	US	(2003-05-06)	Three dimensional display Collin D. Cameron
7417634 (11/483980)	US	2008-08-26 (2006-07-11)	Three dimensional display Colin D. Cameron

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(60/175777)	US	(2000-01-12)	ENHANCED RESOLUTION FOR SPATIAL UPSAMPLED VIDEO SIGNAL HAIYAN HE
(60/187422)	US	(2000-03-07)	Subpixel-level luminance transient improvement for video signal Haiyan He
6657677 (09/639155)	US	2003-12-02 (2000-08-16)	METHOD AND APPARATUS FOR IMPROVING CONVERSION FROM SD TO HDTV Haiyan He
6862368 (09/639154)	US	2005-03-01 (2000-08-16)	METHOD AND APPARATUS FOR EDGE DETECTION Haiyan He
6600517 (09/639147)	US	2003-07-29 (2000-08-16)	SYSTEM AND METHOD FOR IMPROVING THE SHARPNESS OF A VIDEO IMAGE Haiyan He
(CN00804886.X)	CN	(2000-12-27)	Method and apparatus for improving conversion from SD to HDTV Haiyan He
CNZL00807390.2 (CN00807390.2)	CN	2006-03-29 (2000-12-27)	Method and apparatus for edge detection Haiyan HE
(EP00990024.2)	EP	(2000-12-27)	METHOD AND APPARATUS FOR IMPROVING CONVERSION FROM SD TO HDTV Haiyan HE
(EP00987451.2)	EP	(2000-12-27)	METHOD AND APPARATUS FOR EDGE DETECTION Haiyan HE
(JP2001-552626)	JP	(2000-12-27)	METHOD AND APPARATUS FOR IMPROVING CONVERSION FROM SD TO HDTV Haiyan HE
(JP2001-552338)	JP	(2000-12-27)	METHOD AND APPARATUS FOR EDGE DETECTION Haiyan HE

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(PCT/EP2000/013228)	WO	(2000-12-27)	METHOD AND APPARATUS FOR EDGE DETECTION JOHAN JANSSEN
(PCT/EP2000/013231)	WO	(2000-12-27)	METHOD AND APPARATUS FOR IMPROVING CONVERSION FROM SD TO HDTV HAIYAN HE
(CN01801172.1)	CN	(2001-02-23)	METHOD AND APPARATUS FOR IMPROVING SHARPNESS OF A VIDEO IMAGE HE HAIYAN
(EP01919342.4)	EP	(2001-02-23)	SYSTEM AND METHOD FOR IMPROVING THE SHARPNESS OF A VIDEO IMAGE HE HAIYAN
(JP2001-565133)	JP	(2001-02-23)	METHOD AND APPARATUS FOR IMPROVING SHARPNESS OF A VIDEO IMAGE HE HAIYAN
(PCT/EP2001/002136)	WO	(2001-02-23)	SYSTEM AND METHOD FOR IMPROVING THE SHARPNESS OF A VIDEO IMAGE Haiyan HE
(PCT/IB2003/006410)	WO	(2003-12-24)	FLOW LABELS Vilho I. Raisanen
EP1586178 (EP03796234.7)	EP	2008-08-06 (2003-12-24)	FLOW LABELS Vilho I. Raisanen
(PCT/IB2005/003510)	WO	(2005-11-08)	HSUPA SCHEDULER OVERLOAD RECOVERY PERIOD RANTA-AHO KARRI
(60/214986)	US	(2000-06-29)	Electronic e-mail server system Howard Hamlin
6836895 (09/896736)	US	2004-12-28 (2001-06-29)	HYBRID ELECTRONIC E-MAIL SERVER SYSTEM AND METHOD Howard Hamlin

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(10/988441)	US	(2004-10-26)	HYBRID ELECTRONIC E-MAIL SERVER SYSTEM AND METHOD Howard Hamlin
FI118877 (FI20001453)	FI	2008-04-15 (2000-06-19)	ESTIMATION OF MOVEMENT Tapio Frantti
(PCT/FI2001/000562)	WO	(2001-06-14)	ESTIMATION OF MOVEMENT Tapio Frantti
(EP01945364.6)	EP	(2001-06-14)	ESTIMATION OF MOVEMENT Tapio Frantti
JP4886154 (JP2002-504165)	JP	2011-12-16 (2001-06-14)	ESTIMATION OF MOVEMENT Tapio Frantti
(60/160030)	US	(1999-10-18)	METHOD OF DEFINING RICHER "ENVELOPE" USER INTERFACES USING E-MAIL HEADER EXTENIONS THOMAS GRAUMAN
6707472 (09/690621)	US	2004-03-16 (2000-10-17)	A METHOD OF GRAPHICALLY FORMATTING E-MAIL MESSAGE HEADERS Thomas Grauman
(60/151503)	US	(1999-08-30)	SEARCH VERIFY ENGINE TO VERIFY STREAMING AUDIO SOURCES JONATHAN M. FITCH
(AU12498/01)	AU	(2000-08-30)	SEARCH ENGINE TO MONITOR AND VERIFY STREAMING AUDIO SOURCES JONATHAN FITCH
6647389 (09/651360)	US	2003-11-11 (2000-08-30)	AN AUTOMATED METHOD FOR PERIODICALLY EVALUATING MEDIA STREAMS Carl C. Hewitt
(PCT/US2000/040794)	WO	(2000-08-30)	SEARCH ENGINE TO MONITOR AND VERIFY STREAMING AUDIO SOURCES JONATHAN FITCH

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(60/275552)	US	(2001-03-13)	Floating seal pick and place system and unit therefor Lev M. Bolotin
6467824 (09/883661)	US	2002-10-22 (2001-06-16)	FLOATING SEAL PICK AND PLACE SYSTEM AND UNIT THEREFOR Lev M. Bolotin
(PCT/US2002/015612)	WO	(2002-05-16)	FLOATING SEAL PICK AND PLACE SYSTEM AND UNIT THEREFOR Lev M. Bolotin
TWI184363 (TW091112858)	TW	2003-12-19 (2002-06-13)	Floating seal pick and place system and unit therefor BRYAN D. POWELL
(DE10035634.6)	DE	(2000-07-21)	SUPERCONDUCTING DEVICE WITH INDUCTIVE CURRENT LIMITER USING A HIGH-TC SUPERCONDUCTING MATERIAL Heinz-Werner Neumuller
(EP01953888.3)	EP	(2001-07-09)	SUPERCONDUCTING DEVICE WITH INDUCTIVE CURRENT LIMITER USING A HIGH-TC SUPERCONDUCTING MATERIAL Heinz-Werner Neumuller
JP3699448 (JP2002-514745)	JP	2005-07-15 (2001-07-09)	SUPERCONDUCTING DEVICE WITH INDUCTIVE CURRENT LIMITER USING A HIGH-TC SUPERCONDUCTING MATERIAL Heinz-Werner Neumuller
6795282 (10/333462)	US	2004-09-21 (2001-07-09)	SUPERCONDUCTING DEVICE WITH INDUCTIVE CURRENT LIMITER USING A HIGH-TC SUPERCONDUCTING MATERIAL Heinz-Werner Neumuller
(PCT/DE2001/002550)	WO	(2001-07-09)	SUPERCONDUCTING DEVICE WITH INDUCTIVE CURRENT LIMITER USING A HIGH-TC SUPERCONDUCTING MATERIAL Heinz-Werner Neumuller

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6722984 (09/718983)	US	2004-04-20 (2000-11-22)	GAME CONTROLLER WITH PARENTAL CONTROL FUNCTIONALITY Kenneth G. Sweeney
(EP01309838.9)	EP	(2001-11-22)	Game controller WILLIAM L BROWN
6578022 (09/551533)	US	2003-06-10 (2000-04-18)	INTERACTIVE INTELLIGENT SEARCHING WITH EXECUTABLE SUGGESTIONS Michael G. Foulger
(PCT/US2001/012510)	WO	(2001-04-18)	INTERACTIVE INTELLIGENT SEARCHING WITH EXECUTABLE SUGGESTIONS MATTHEW J GAUL
7069254 (10/456955)	US	2006-06-27 (2003-06-09)	INTERACTIVE INTELLIGENT SEARCHING WITH EXECUTABLE SUGGESTIONS Michael G. Foulger
7730008 (11/179818)	US	2010-06-01 (2005-07-13)	Database Interface and Database Analysis System Michael G. Foulger
8055605 (12/776833)	US	2011-11-08 (2010-05-10)	INTERACTIVE INTELLIGENT SEARCHING WITH EXECUTABLE SUGGESTIONS Michael G. Foulger
8219516 (13/243815)	US	2012-07-10 (2011-09-23)	INTERACTIVE INTELLIGENT SEARCHING WITH EXECUTABLE SUGGESTIONS Michael G. Foulger
6680693 (10/092698)	US	2004-01-20 (2002-03-07)	METHOD AND APPARATUS FOR AUTOMATICALLY TRACKING THE SUN WITH AN OBJECT Marek W. Urban
TWI231272 (TW090100340)	TW	2005-04-21 (2001-01-08)	METHOD FOR MANUFACTURING PIEZOELECTRIC INJET PRINTHEAD Chen-Hua Lin

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TWI164058 (TW090100341)	TW	2002-09-21 (2001-01-08)	METHOD FOR MANUFACTURING SIDE INLET OF PIEZOELECTRIC INJET PRINthead Chen-Hua Lin
TWI231273 (TW090100342)	TW	2005-04-21 (2001-01-08)	METHOD FOR MANUFACTURING PIEZOELECTRIC INJET PRINthead Chen-Hua Lin
6701593 (10/035055)	US	2004-03-09 (2001-12-27)	PROCESS FOR PRODUCING INKJET PRINthead Chen-Hua Lin
TWI165743 (TW090122077)	TW	2002-10-21 (2001-09-06)	PIEZOELECTRIC INJET PRINthead AND MANUFACTURING METHOD THEREOF Chen-Hua Lin
6592210 (10/064716)	US	2003-07-15 (2002-08-09)	PIEZOELECTRIC PRINT-HEAD AND METHOD OF MANUFACTURE Chen-Hua Lin
6857186 (10/249939)	US	2005-02-22 (2003-05-21)	METHOD OF MANUFACTURING A PIEZOELECTRIC PRINT-HEAD Chen-Hua Lin
FR1550329 (FR03748428.4)	FR	2013-01-30 (2003-10-08)	SYSTEM AND METHOD WITH POLICY CONTROL FUNCTION FOR MULTIMEDIA BROADCAST/MULTICAST SYSTEM SERVICES
RE43905 (11/947714)	US	2013-01-01 (2007-11-29)	FLOW DESIGNER FOR ESTABLISHING AND MAINTAINING ASSIGNMENT AND STRATEGY PROCESS MAPS Steven E. Bierenbaum
7142240 (09/617564)	US	2006-11-28 (2000-07-17)	ACTIVE PIXEL SENSOR ARRAY RESET Paul Hua
 (CA2347919)	CA	 (2001-05-16)	ACTIVE PIXEL SENSOR ARRAY RESET PAUL HUA
 (EP01305917.5)	EP	 (2001-07-09)	ACTIVE PIXEL SENSOR ARRAY RESET PAUL HUA

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
JP4761660 (JP2001-210109)	JP	2011-06-17 (2001-07-11)	METHOD AND DEVICE FOR RESETTING ACTIVE PIXEL SENSOR ARRAY HUA PAUL
7929034 (11/563608)	US	2011-04-19 (2006-11-27)	Active pixel sensor array reset Paul Hua
(PCT/FI2006/000150)	WO	(2006-05-08)	METHOD FOR DISTRIBUTING CERTIFICATES IN A COMMUNICATION SYSTEM Pasi Eronen
EP1880527 (EP06743518.0)	EP	2012-11-28 (2006-05-08)	METHOD FOR DISTRIBUTING CERTIFICATES IN A COMMUNICATION SYSTEM Pasi Eronen
(60/121078)	US	(1999-02-22)	SYSTEM FOR PROVIDING INCREASED DATA SPEED USING SYNCHRONIZATION AND BIT ROBBING TECHNIQUES THOMAS L. BLACKBURN
6556638 (09/510420)	US	2003-04-29 (2000-02-22)	METHOD AND APPARATUS FOR PROVIDING INCREASED DATA SPEED USING SYNCHRONIZATION AND BIT ROBBING TECHNIQUES Thomas L. Blackburn
(09/527783)	US	(2000-03-17)	Method and apparatus for increased data speeds using synchronization and digital signal processing equalization techniques Andrew L. Norrell
7020189 (09/922508)	US	2006-03-28 (2001-08-03)	METHOD AND APPARATUS FOR IMPLEMENTING DIGITAL FILTERS IN THE DATA PATH OF A PCM MODEM FOR EFFICIENT TRANSITION OF A SECOND ANALOG-TO-DIGITAL CONVERSION PROCESS Steven R. Sweitzer
JP4672184 (JP2001-155096)	JP	2011-01-28 (2001-05-24)	METHOD FOR OPTIMIZING A CONTINUOUS COMPLEX SYSTEM USING A SET OF VERTICES AND DYNAMIC HEIRARCHICAL CONSTRAINTS Ronald N. Perry

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TWI270875 (TW091100340)	TW	2007-01-11 (2002-01-11)	METHOD FOR DETERMINING A WRITING POWER OF AN OPTICAL DISC DRIVE THROUGH A SHIFTABLE POLYNOMIAL FUNCTION CAPABLE OF BEING SHIFTED ACCORDING TO A DIFFERENCE BETWEEN A REAL READ-BACK SIGNAL PARAMETER AND A TARGET READ-BACK SIGNAL PARAMETER TSUNG-CHIH LIN
6967915 (10/064521)	US	2005-11-22 (2002-07-24)	Method for determining a writing power of an optical disc drive through a shiftable polynomial function capable of being shifted according to a difference between a real read-back signal parameter and a target read-back signal parameter Tsung-Chih Lin
FR2826157 (FR0107918)	FR	2004-06-25 (2001-06-15)	Method for reconstruction of an image of a moving object, uses retroprojection to give partial results from which movement laws can be deduced and used to fill in anticipated position of image points over time GRANGEAT PIERRE
EP1417646 (EP02745534.4)	EP	2011-11-09 (2002-06-14)	METHOD FOR RECONSTRUCTION OF AN IMAGE OF AN EVOLVING OBJECT ANNE KOENIG
 (PCT/FR2002/002044)	WO	 (2002-06-14)	METHOD FOR RECONSTRUCTION OF AN IMAGE OF A MOVING OBJECT PIERRE GRANGEAT
6532395 (09/418732)	US	2003-03-11 (1999-10-15)	MANUFACTURING SYSTEM WITH FEEDER/PROGRAMMING/BUFFER SYSTEM LEV M. BOLOTIN
DE60028494.8 (DE60028494.8)	DE	2007-01-04 (2000-06-28)	Micro device product manufacturing system LEV M. BOLOTIN
EP1093332 (EP00112985.7)	EP	2006-06-07 (2000-06-28)	Micro device product manufacturing system LEV M. BOLOTIN

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TWI149017 (TW089113268)	TW	2009-01-21 (2000-07-05)	Manufacturing system with feeder/programming/buffer system LEV M. BOLOTIN
JP3587769 (JP2000-219105)	JP	2004-08-20 (2000-07-19)	MICRO-DEVICE PRODUCT MANUFACTURING SYSTEM LEV M. BOLOTIN
FI110743 (FI991469)	FI	2003-03-14 (1999-06-28)	PROCEDURE AND SYSTEM FOR PERFORMING MOTION ESTIMATION SEPPO VALLI
 (AU20000058303)	AU	 (2000-06-28)	Procedure and system for performing motion estimation SEPPO VALLI
 (CA2377954)	CA	 (2000-06-28)	PROCEDURE AND SYSTEM FOR PERFORMING MOTION ESTIMATION SEPPO VALLI
 (EP00944067.8)	EP	 (2000-06-28)	PROCEDURE AND SYSTEM FOR PERFORMING MOTION ESTIMATION SEPPO VALLI
JP5033285 (JP2001-506235)	JP	2012-07-06 (2000-06-28)	PROCEDURE AND SYSTEM FOR PERFORMING MOTION ESTIMATION SEPPO VALLI
7251278 (10/019922)	US	2007-07-31 (2000-06-28)	Procedure and system for performing motion estimation Seppo Valli
 (PCT/FI2000/000586)	WO	 (2000-06-28)	PROCEDURE AND SYSTEM FOR PERFORMING MOTION ESTIMATION SEPPO VALLI
 (60/291298)	US	 (2001-05-15)	Method, system, and apparatus for capturing, managing, and disseminating manufacturing knowledge Todd Alan Wallen
 (CA2447321)	CA	 (2002-05-15)	A SYSTEM AND METHOD FOR CAPTURING, MANAGING AND DISSEMINATING MANUFACTURING KNOWLEDGE Todd Alan Wallen

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(EP02729233.3)	EP	(2002-05-15)	A SYSTEM AND METHOD FOR CAPTURING, MANAGING AND DISSEMINATING MANUFACTURING KNOWLEDGE Todd Alan Wallen
TWI249684 (TW091110165)	TW	2006-02-21 (2002-05-15)	A system and method for capturing, managing, and disseminating manufacturing knowledge Todd Alan Wallen
7010544 (10/953809)	US	2006-03-07 (2004-09-28)	METHOD AND SYSTEM FOR CAPTURING, MANAGING, AND DISSEMINATING MANUFACTURING KNOWLEDGE Todd Alan Wallen
(60/233848)	US	(2000-09-20)	Precision three-dimensional opto-mechanical assembly method and apparatus Yakov Kogan
6441895 (09/789020)	US	2002-08-27 (2001-02-20)	METHOD AND APPARATUS FOR PRECISION THREE-DIMENSIONAL OPTO-MECHANICAL ASSEMBLY Yakov Kogan
(60/231529)	US	(2000-09-11)	Two-position micro latching mechanism requiring single actuator Brent Lewis Weight
(AU0090854/01)	AU	(2001-09-12)	Dual position linear displacement micromechanism Larry HOWELL
(CA2421755)	CA	(2001-09-12)	DUAL POSITION LINEAR DISPLACEMENT MICROMECHANISM LARRY HOWELL
(EP01970905.4)	EP	(2001-09-12)	DUAL POSITION LINEAR DISPLACEMENT MICROMECHANISM LARRY HOWELL
6982515 (10/363243)	US	2006-01-03 (2001-09-12)	DUAL POSITION LINEAR DISPLACEMENT MICROMECHANISM Larry Howell

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(PCT/US2001/028614)	WO	(2001-09-12)	DUAL POSITION LINEAR DISPLACEMENT MICROMECHANISM Larry HOWELL
(11/969171)	US	(2008-01-03)	DUAL POSITION LINEAR DISPLACEMENT MICROMECHANISM Larry L. Howell
(PCT/IB2005/001190)	WO	(2005-05-02)	TRUSTED SIGNATURE WITH KEY ACCESS PERMISSIONS Piotr Cofa
(FI20050393)	FI	(2005-04-15)	SEPARATE SESSION KEYS FOR ACCESS POINTS ERKKI JOHANNES LINDQVIST
(PCT/IB2006/001555)	WO	(2006-04-10)	EXCHANGE OF KEY MATERIAL Dan Forsberg
EP2309698 (EP11151744.7)	EP	2016-05-11 (2006-04-10)	EXCHANGE OF KEY MATERIAL Dan Forsberg
(EP06779705.0)	EP	(2006-04-10)	EXCHANGE OF KEY MATERIAL Dan Forsberg
(JP2008-505992)	JP	(2006-04-10)	EXCHANGE OF KEY MATERIAL Dan Forsberg
(TW091111823)	TW	(2002-06-03)	Process And Tool For Maintaining Three- Dimensional Tolerances For Manufacturing Tiled AMLCD Displays Unable to verify
6704882 (09/766941)	US	2004-03-09 (2001-01-22)	Data bit-to-clock alignment circuit with first bit capture capability Patrick Joseph Zabinski
(PCT/US2002/001612)	WO	(2002-01-22)	DATA BIT-TO-CLOCK ALIGNMENT CIRCUIT WITH FIRST BIT CAPTURE CAPABILITY ZABINSKI PATRICK JOSEPH

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7086051 (10/224476)	US	2006-08-01 (2002-08-21)	Method and apparatus for just-in-time provisioning application-related information at a communication device Charles W. Gautney
(AU2003259905)	AU	(2003-08-20)	METHOD AND APPARATUS FOR JUST-IN-TIME PROVISIONING APPLICATION-RELATED INFORMATION AT A COMMUNICATION DEVICE CHARLES W GAUTNEY
(PCT/US2003/025875)	WO	(2003-08-20)	METHOD AND APPARATUS FOR JUST-IN-TIME PROVISIONING APPLICATION-RELATED INFORMATION AT A COMMUNICATION DEVICE Charles W. Gautney
(11/461139)	US	(2006-07-31)	METHOD AND APPARATUS FOR JUST-IN-TIME PROVISIONING APPLICATION-RELATED INFORMATION AT A COMMUNICATION DEVICE Charles W. Gautney
(GB0027132.0)	GB	(2000-11-07)	COMPUTER GENERATED HOLOGRAM DISPLAY SYSTEM Unable to verify
(60/247048)	US	(2000-11-13)	THREE DIMENSIONAL DISPLAY SYSTEM Unable to verify
(EP01980698.3)	EP	(2001-11-05)	COMPUTER GENERATED HOLOGRAM DISPLAY SYSTEM COLIN DAVID CAMERON
(JP2002-541633)	JP	(2001-11-05)	COMPUTER GENERATED HOLOGRAM DISPLAY SYSTEM Colin D Cameron
7295200 (10/415958)	US	2007-11-13 (2001-11-05)	Computer generated hologram display system Colin D Cameron
(PCT/GB2001/004882)	WO	(2001-11-05)	COMPUTER GENERATED HOLOGRAM DISPLAY SYSTEM DAVID COLIN CAMERON

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7649532 (11/848217)	US	2010-01-19 (2007-08-30)	Computer generated hologram display system Colin D. Cameron
6370197 (09/360388)	US	2002-04-09 (1999-07-23)	VIDEO COMPRESSION SCHEME USING WAVELETS DEREK RAND CLARK
 (BRPI0012714-0)	BR	 (2000-07-20)	VIDEO COMPRESSION SCHEME USING WAVELETS Unable to verify
CNZL00812675.5 (CN00812675.5)	CN	2004-08-04 (2000-07-20)	Video compression scheme using wavelets TEDDY PAUL ROBERTS
 (EP00947561.7)	EP	 (2000-07-20)	VIDEO COMPRESSION SCHEME USING WAVELETS TEDDY PAUL ROBERTS
HK1050099 (HK03102188.5)	HK	2004-12-31 (2000-07-20)	Video compression scheme using wavelets TEDDY PAUL ROBERTS
 (JP2001-513182)	JP	 (2000-07-20)	VIDEO COMPRESSION SCHEME USING WAVELETS TEDDY PAUL ROBERTS
MX234786 (MX2000815)	MX	2006-03-13 (2000-07-20)	VIDEO COMPRESSION SCHEME USING WAVELETS TEDDY PAUL ROBERTS
 (PCT/US2000/019754)	WO	 (2000-07-20)	VIDEO COMPRESSION SCHEME USING WAVELETS TEDDY PAUL ROBERTS
6603814 (09/752032)	US	2003-08-05 (2000-12-29)	VIDEO COMPRESSION SCHEME USING WAVELETS Derek Rand Clark
JP5044285 (JP2007-135859)	JP	2012-07-20 (2007-05-22)	VIDEO COMPRESSION SCHEME USING WAVELETS CLARK DEREK RAND

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6459462 (10/056187)	US	2002-10-01 (2002-01-28)	PROCESS AND TOOL FOR MAINTAINING THREE-DIMENSIONAL TOLERANCES FOR MANUFACTURING TILED AMLCD DISPLAYS Donald P. Scraphim
 (CN00809265.6)	CN	 (2000-06-14)	SYSTEM FOR TRANSFER CONTROL OF TELEPHONE LINE SUNAO TAKATORI
6778654 (10/018554)	US	2004-08-17 (2000-06-14)	SYSTEM FOR TRANSFER CONTROL OF TELEPHONE LINE Sunao Takatori
6920154 (10/026370)	US	2005-07-19 (2001-12-17)	Architectures for a Modularized Data Optimization Engine and Methods Therefor Isaac Achler
6697967 (09/681827)	US	2004-02-24 (2001-06-12)	SOFTWARE FOR EXECUTING AUTOMATED TESTS BY SERVER BASED XML Andrew Robertson
EP1550329 (EP03748428.4)	EP	2013-01-30 (2003-10-08)	SYSTEM AND METHOD WITH POLICY CONTROL FUNCTION FOR MULTIMEDIA BROADCAST/MULTICAST SYSTEM SERVICES ALAKOSKI TIMO
 (PCT/IB2005/001873)	WO	 (2005-06-02)	METHODS FOR DETERMINING POSITION IN IPV6 NETWORKS BY MEANS OF GPIPV6 Jani Vare
 (EP05756698.6)	EP	 (2005-06-02)	DETERMINING GEOGRAPHICAL POSITION IN IPV6 NETWORKS Jani Vare
 (IN7728/DELNP/2006)	IN	 (2005-06-02)	METHODS FOR DETERMINING POSITION IN IPV6 NETWORKS BY MEANS OF GPIPV6 Jani Vare
6888915 (10/480742)	US	2005-05-03 (2002-06-14)	METHOD FOR RECONSTRUCTION OF AN IMAGE OF A MOVING OBJECT Anne Koenig

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7079814 (10/311234)	US	2006-07-18 (2001-06-14)	ESTIMATION OF MOVEMENT Tapio Frantti
(PCT/RU2000/000339)	WO	(2000-08-15)	METHOD AND APPARATUS FOR CONTROLLING ACCELERATION AND VELOCITY OF A STEPPER MOTOR VLADIMIR NIKOLAYEVICH DAVIDOV
6870346 (10/367017)	US	2005-03-22 (2003-02-14)	METHOD AND APPARATUS FOR CONTROLLING ACCELERATION AND VELOCITY OF A STEPPER MOTOR Vladimir Nikolayevich Davidov
6693637 (10/038924)	US	2004-02-17 (2001-12-31)	METHOD AND APPARATUS FOR DETERMINING BINS TO BE UPDATED FOR POLYGONS, INCLUDING LINES Satyaki Koneru
6747653 (10/039006)	US	2004-06-08 (2001-12-31)	EFFICIENT OBJECT STORAGE FOR ZONE RENDERING Peter L. Doyle
7298371 (10/848018)	US	2007-11-20 (2004-05-17)	Efficient object storage for zone rendering Peter L. Doyle
7791601 (11/897738)	US	2010-09-07 (2007-08-31)	EFFICIENT OBJECT STORAGE FOR ZONE RENDERING Peter L. Doyle
(60/237128)	US	(2000-10-03)	Wide spread warning system using a telephone network David Newland
6724861 (09/966192)	US	2004-04-20 (2001-09-28)	METHOD AND APPARATUS FOR DISSEMINATING EMERGENCY WARNING INFORMATION David Newland
(60/183588)	US	(2000-02-18)	Direct annotation for digital images Ben A. Shneiderman
7010751 (09/976362)	US	2006-03-07 (2001-10-15)	METHODS FOR THE ELECTRONIC ANNOTATION, RETRIEVAL, AND USE OF ELECTRONIC IMAGES Ben A. Shneiderman

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(12/043939)	US	(2008-03-06)	METHODS FOR THE ELECTRONIC ANNOTATION, RETRIEVAL, AND USE OF ELECTRONIC IMAGES Unable to verify
TWM183211 (TW088220801)	TW	2001-12-01 (1999-12-07)	REFERENCE CLOCK GENERATING CIRCUIT OF DISK DATA BURST CUTTING AREA YI-LIN LAI
6618333 (09/717580)	US	2003-09-09 (2000-11-21)	REFERENCE CLOCK GENERATING CIRCUIT OF DISK DATA BURST CUTTING AREA Sue-Hong Chou
DE60041488.4 (DE60041488.4)	DE	2009-01-28 (2000-06-05)	METHOD AND APPARATUS FOR CONVERTING ELECTROMAGNETIC ENERGY OF OBJECTS HEIKKI SEPPAE
(09/988186)	US	(2001-11-19)	Financing party payment for calls with a wireless subscriber PERUNOVICH ALAN
6788927 (10/253704)	US	2004-09-07 (2002-09-25)	FINANCING PARTY PAYMENT FOR CALLS WITH A WIRELESS SUBSCRIBER Joseph Pohutsky
(PCT/US2002/036826)	WO	(2002-11-15)	FINANCING PARTY PAYMENT FOR CALLS WITH WIRELESS SUBSCRIBER PERUNOVICH ALAN
(60/151031)	US	(1999-08-27)	FLOW DESIGNER FOR ESTABLISHING AND MAINTAINING ASSIGNMENT AND STRATEGY PROCESS MAPS STEVEN E. BIERENBAUM
6970844 (09/648247)	US	2005-11-29 (2000-08-25)	FLOW DESIGNER FOR ESTABLISHING AND MAINTAINING ASSIGNMENT AND STRATEGY PROCESS MAPS Steven E. Bierenbaum
(PCT/US2001/023668)	WO	(2001-07-27)	FEEDER/PROGRAMMING/LOADER SYSTEM LEV M. BOLOTIN

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7379219 (10/488543)	US	2008-05-27 (2004-03-16)	Method and apparatus for illuminating a computer generated hologram Douglas Payne
7426210 (10/115564)	US	2008-09-16 (2002-04-03)	PORT-TO-PORT, NON-BLOCKING, SCALABLE OPTICAL ROUTER ARCHITECTURE AND METHOD FOR ROUTING OPTICAL TRAFFIC Larry L. Miles
GB1685655 (GB04798282.2)	GB	2011-10-12 (2004-11-12)	WIDEBAND COMMUNICATION METHOD
6516313 (09/604308)	US	2003-02-04 (2000-06-27)	METHOD FOR DYNAMIC CONSTRAINT HANDLING IN VERTEX BASED OPTIMIZATION OF A CONTINUOUS COMPLEX SYSTEM Ronald N. Perry
JP4745531 (JP2001-155097)	JP	2011-05-20 (2001-05-24)	METHOD FOR DYNAMIC CONSTRAINT HANDLING IN VERTEX BASED OPTIMIZATION F A CONTINUOUS COMPLEX SYSTEM RONALD N PERRY
(EP01114946.5)	EP	(2001-06-20)	METHOD FOR DYNAMIC CONSTRAINT HANDLING IN VERTEX BASED OPTIMIZATION OF A CONTINUOUS COMPLEX SYSTEM RONALD N PERRY
6729616 (10/197446)	US	2004-05-04 (2002-07-18)	INTERLOCKED TYPE PAPER COLLECTION SUPPORT BOARD OF PRINTER Biing-Wen Chen
8352543 (12/705100)	US	2013-01-08 (2010-02-12)	DISTRIBUTED CONTROL FOR A CONTINUOUS PLAY BACKGROUND MUSIC SYSTEM Simon J. McCluskey
(FI991307)	FI	(1999-06-08)	MENETELMA JA LAITTEISTO KOHTEIDEN SAHKOMAGNEETTISEN ENERGIAN MUUTTAMIS EKSI SEPPAE HEIKKI

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FI116188 (FI20001214)	FI	2005-09-30 (2000-05-19)	METHOD AND APPARATUS FOR CONVERTING ELECTROMAGNETIC ENERGY OF OBJECTS SEPPAE HEIKKI
EP1183550 (EP00931301.6)	EP	2009-01-28 (2000-06-05)	METHOD AND APPARATUS FOR CONVERTING ELECTROMAGNETIC ENERGY OF OBJECTS HEIKKI SEPPAE
6819246 (09/980860)	US	2004-11-16 (2000-06-05)	METHOD AND APPARATUS FOR CONVERTING ELECTROMAGNETIC ENERGY OF OBJECTS Heikki Seppa
(PCT/FI2000/000499)	WO	(2000-06-05)	METHOD AND APPARATUS FOR CONVERTING ELECTROMAGNETIC ENERGY OF OBJECTS Heikki Seppa
RE43543 (12/218972)	US	2012-07-24 (2008-07-18)	ESTIMATION OF MOVEMENT Tapio Frantti
FI1093332 (FI00112985.7)	FI	2006-06-07 (2000-06-28)	Micro device product manufacturing system LEV M. BOLOTIN
6499693 (09/683740)	US	2002-12-31 (2002-02-08)	Aircraft to respond to threats Ariel S. Rogson
(GB9924523.5)	GB	(1999-10-15)	DATABASE PROCESSOR Unable to verify
DE60047916.1 (DE60047916.1)	DE	2013-03-27 (2000-10-16)	DATABASE PROCESSOR FOR ON-LINE ANALYTICAL PROCESSING OF MULTIDIMENSIONAL DATA Nikolaos Kotsis
EP1425682 (EP00968111.5)	EP	2013-03-27 (2000-10-16)	DATABASE PROCESSOR FOR ON-LINE ANALYTICAL PROCESSING OF MULTIDIMENSIONAL DATA DOUGLAS ROBERT MACGREGOR

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FR1425682 (FR00968111.5)	FR	2013-03-27 (2000-10-16)	DATABASE PROCESSOR FOR ON-LINE ANALYTICAL PROCESSING OF MULTIDIMENSIONAL DATA Nikolaos Kotsis
GB1425682 (GB00968111.5)	GB	2013-03-27 (2000-10-16)	DATABASE PROCESSOR FOR ON-LINE ANALYTICAL PROCESSING OF MULTIDIMENSIONAL DATA Nikolaos Kotsis
6996554 (10/121502)	US	2006-02-07 (2000-10-16)	DATABASE PROCESSOR Nikolaos Kotsis
 (PCT/GB2000/003963)	WO	 (2000-10-16)	DATABASE PROCESSOR FOR ON-LINE ANALYTICAL PROCESSING OF MULTIDIMENSIONAL DATA Nikolaos Kotsis
 (GB0121412.1)	GB	 (2001-09-04)	ILLUMINATING A COMPUTER GENERATED HOLOGRAM PAYNE DOUGLAS
 (PCT/GB2002/003879)	WO	 (2002-08-22)	METHOD AND APPARATUS FOR ILLUMINATING A COMPUTER GENERATED HOLOGRAM PAYNE DOUGLAS
 (PCT/US2002/015564)	WO	 (2002-05-15)	A SYSTEM AND METHOD FOR CAPTURING, MANAGING AND DISSEMINATING MANUFACTURING KNOWLEDGE Todd Alan Wallen
6618046 (09/675610)	US	2003-09-09 (2000-09-29)	SYSTEM AND METHOD FOR ESTIMATING THE RENDERING COST FOR IMAGES Ganapati N. Srinivasa
6897857 (10/444855)	US	2005-05-24 (2003-05-22)	SYSTEM AND METHOD FOR ESTIMATING THE RENDERING COST FOR IMAGES Ganapati N. Srinivasa
GB1417646 (GB02745534.4)	GB	2011-11-09 (2002-06-14)	METHOD FOR RECONSTRUCTION OF AN IMAGE OF A MOVING OBJECT ANNE KOENIG

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6732003 (09/632895)	US	2004-05-04 (2000-08-07)	FEEDER/PROGRAMMING/LOADER SYSTEM Lev M. Bolotin
7243076 (09/718283)	US	2007-07-10 (2000-11-24)	Computer network system for shopping and method therefor Frank A. Cardenas
6898571 (09/685975)	US	2005-05-24 (2000-10-10)	ADVERTISING ENHANCEMENT USING THE INTERNET Jordan Du Val; Derek Noonburg
6763276 (09/604318)	US	2004-07-13 (2000-06-27)	METHOD FOR OPTIMIZING A CONTINUOUS COMPLEX SYSTEM USING A SET OF VERTICES AND DYNAMIC HIERARCHICAL CONSTRAINTS Ronald N. Perry
(EP01114945.7)	EP	(2001-06-20)	Method for optimizing a continuous complex system using a set of vertices and dynamic hierarchical constraints RONALD N PERRY
RE44357 (12/058381)	US	2013-07-09 (2008-03-28)	DISCRETE POWER LEVEL CODING FOR INDICATING UPLINK MOBILE RECEIVE LEVEL IN A WIRELESS REPEATER SYSTEM Thomas SCHMUTZ
DE602004034856.2 (DE602004034856.2)	DE	2011-10-12 (2004-11-12)	WIDEBAND COMMUNICATION METHOD
6650306 (09/923160)	US	2003-11-18 (2001-08-06)	SECURITY-ENHANCED DISPLAY DEVICE William S. Yerazunis
7668936 (09/579393)	US	2010-02-23 (2000-05-26)	CONTINUOUS MEDIA PLAYBACK SYSTEM CONTROLLED OVER A DISTRIBUTED COMMUNICATION SYSTEM Thomas M. Krikorian
FR1093332 (FR00112985.7)	FR	2006-06-07 (2000-06-28)	Micro device product manufacturing system LEV M. BOLOTIN

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MX222066 (MX2000PA009782)	MX	2004-08-10 (2000-10-05)	MANUFACTURING SYSTEM WITH FEEDER/PROGRAMMING/BUFFER SYSTEM LEV M. BOLOTIN
6501589 (09/791247)	US	2002-12-31 (2001-02-22)	Article comprising a metallic anti-mirror Keith W. Goossen
 (AU20010026011)	AU	 (2000-12-27)	DISCRETE POWER LEVEL CODING FOR INDICATING UPLINK MOBILE RECEIVE LEVEL IN A WIRELESS REPEATER SYSTEM THOMAS SCHMUTZ
7020436 (09/749210)	US	2006-03-28 (2000-12-27)	DISCRETE POWER LEVEL CODING FOR INDICATING UPLINK MOBILE RECEIVE LEVEL IN A WIRELESS REPEATER SYSTEM Thomas R. Schmutz
 (CA2291596)	CA	 (1999-11-30)	SYSTEM AND METHOD FOR COMPUTING A SQUARE OF A NUMBER AMER MAHER
 (CA2327168)	CA	 (2000-11-30)	SYSTEM AND METHOD FOR COMPUTING A SQUARE OF A NUMBER AMER MAHER
6766346 (09/725927)	US	2004-07-20 (2000-11-30)	System and method for computing a square of a number AMER MAHER
FR1685655 (FR04798282.2)	FR	2011-10-12 (2004-11-12)	WIDEBAND COMMUNICATION METHOD
TWI158580 (TW090100343)	TW	2002-07-01 (2001-01-08)	CARTRIDGE UNIT HAVING PIEZOELECTRIC INJET MODULE Chen-Hua Lin
GB1550329 (GB03748428.4)	GB	2013-01-30 (2003-10-08)	SYSTEM AND METHOD WITH POLICY CONTROL FUNCTION FOR MULTIMEDIA BROADCAST/MULTICAST SYSTEM SERVICES

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SECURED PARTIES: Intellectual Ventures Assets 191 LLC
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“Assigned Patent Rights”

Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
6919903 (09/798147)	US	2005-07-19 (2001-03-02)	TEXTURE SYNTHESIS AND TRANSFER FOR PIXEL IMAGES William T. Freeman
DE60241509.8 (DE60241509.8)	DE	2011-11-09 (2002-06-14)	METHOD FOR RECONSTRUCTION OF AN IMAGE OF A MOVING OBJECT ANNE KOENIG
FR1183550 (FR00931301.6)	FR	2009-01-28 (2000-06-05)	METHOD AND APPARATUS FOR CONVERTING ELECTROMAGNETIC ENERGY OF OBJECTS Heikki Seppa
GB1183550 (GB00931301.6)	GB	2009-01-28 (2000-06-05)	METHOD AND APPARATUS FOR CONVERTING ELECTROMAGNETIC ENERGY OF OBJECTS Heikki Seppa
CNZL00120120.4 (CN00120120.4)	CN	2005-06-15 (2000-07-17)	MANUFACTURING SYSTEM WITH FEEDER/PROGRAMMING/ BUFFER SYSTEM LEV M. BOLOTIN
(PCT/JP2000/004577)	WO	(2000-07-07)	ELECTRONIC LOCK CONTROL SYSTEM AND HOME MEDICAL CARE MANAGEMENT SYSTEM KENJI UEYAMA
(BR0003607-2)	BR	(2000-07-31)	MICRO DEVICE PRODUCT MANUFACTURING SYSTEM LEV M. BOLOTIN
DE60322745.7 (DE60322745.7)	DE	2008-08-06 (2003-12-24)	FLOW LABELS Vilho I. Raisanen
ES1586178 (ES03796234.7)	ES	2008-08-06 (2003-12-24)	FLOW LABELS Vilho I. Raisanen
FR1586178 (FR03796234.7)	FR	2008-08-06 (2003-12-24)	FLOW LABELS Vilho I. Raisanen
GB1586178 (GB03796234.7)	GB	2008-08-06 (2003-12-24)	FLOW LABELS Vilho I. Raisanen

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
IT1586178 (IT03796234.7)	IT	2008-08-06 (2003-12-24)	FLOW LABELS Vilho I. Raisanen
 (PCT/US2002/004319)	WO	 (2002-02-12)	LINK QUALITY AGENT Kermit Andreas Hollinger
6678251 (09/782956)	US	2004-01-13 (2001-02-13)	Link quality agent Kermit Andreas Hollinger
7012897 (10/625341)	US	2006-03-14 (2003-07-22)	Link quality agent Alan Shelton Wagner
6704718 (09/681789)	US	2004-03-09 (2001-06-05)	System and method for trainable nonlinear prediction of transform coefficients in data compression Patrice Y. Simard
 (60/251046)	US	 (2000-12-05)	System and method for recording telephone calls Sarah Barak
6792093 (09/912752)	US	2004-09-14 (2001-07-25)	System and method for telephone call recording and recorded call retrieval Sarah Barak
 (PCT/IB2001/002910)	WO	 (2001-11-30)	SYSTEM AND METHOD FOR TELEPHONE CALL RECORDING AND RECORDED CALL RETRIEVAL Sarah Barak
 (AU2001297815)	AU	 (2001-11-30)	System and method for telephone call recording and recorded call retrieval Sarah Barak
 (60/273529)	US	 (2001-03-07)	System and method for controlling telephone calls Sarah Barak

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(09/988176)	US	(2001-11-19)	System and method for logging outgoing telephone calls Zvi Barak
6788772 (09/988175)	US	2004-09-07 (2001-11-19)	System and method for controlling outgoing telephone calls Sarah Barak
(PCT/IB2002/002116)	WO	(2002-02-28)	SYSTEM AND METHOD FOR CONTROLLING OUTGOING TELEPHONE CALLS AND LOGGING TELEPHONE CALLS Sarah Barak
5926526 (08/581749)	US	1999-07-20 (1995-12-29)	Method and apparatus for automated patient information retrieval Terry A. Jackson
6192112 (08/906726)	US	2001-02-20 (1997-08-05)	A Medical information system including a medical information server having an interactive voice-response interface Jeffrey A. Rapaport
7209550 (09/717915)	US	2007-04-24 (2000-11-21)	Medical information system having interactive messaging interface Seymour A. Rapaport
(11/728881)	US	(2007-03-27)	Medical information system having messaging follow-up capabilities Kent Don
7171606 (10/400972)	US	2007-01-30 (2003-03-25)	Software download control system, apparatus and method Dennis Blackburn

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(DE10032179.8)	DE	(2000-07-01)	VEHICLE CONTROL SYSTEM AND METHOD FOR CONTROLLING A VEHICLE WEITZE UDO
EP1198366 (EP01936424.9)	EP	2003-11-26 (2001-06-02)	VEHICLE CONTROL SYSTEM AND METHOD FOR CONTROLLING A VEHICLE STAHL WOLFGANG
DE50101021.1 (DE50101021.1)	DE	2004-01-08 (2001-06-02)	VEHICLE CONTROL SYSTEM AND METHOD FOR CONTROLLING A VEHICLE BAUER WOLF-DIETRICH
ES1198366 (ES01936424.9)	ES	2003-11-26 (2001-06-02)	VEHICLE CONTROL SYSTEM AND METHOD FOR CONTROLLING A VEHICLE BAUER WOLF-DIETRICH
FR1198366 (FR01936424.9)	FR	2003-11-26 (2001-06-02)	VEHICLE CONTROL SYSTEM AND METHOD FOR CONTROLLING A VEHICLE BAUER WOLF-DIETRICH
GB1198366 (GB01936424.9)	GB	2003-11-26 (2001-06-02)	VEHICLE CONTROL SYSTEM AND METHOD FOR CONTROLLING A VEHICLE BAUER WOLF-DIETRICH
IT1198366 (IT01936424.9)	IT	2003-11-26 (2001-06-02)	VEHICLE CONTROL SYSTEM AND METHOD FOR CONTROLLING A VEHICLE BAUER WOLF-DIETRICH

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(JP2002-507640)	JP	(2001-06-02)	VEHICLE CONTROL SYSTEM AND METHOD FOR CONTROLLING A VEHICLE BAUER WOLF-DIETRICH
(KR10-2002-7002536)	KR	(2001-06-02)	VEHICLE CONTROL SYSTEM AND METHOD FOR CONTROLLING A VEHICLE BAUER WOLF-DIETRICH
6665596 (10/069938)	US	2003-12-16 (2002-07-08)	Vehicle control system and method for controlling a vehicle Wolfgang Stahl
(DE19944177.4)	DE	(1999-09-15)	VEHICLE DATA BUS SYSTEM WITH POSITIONING MEANS HOYLAND PETER
EP1212739 (EP00962451.1)	EP	2003-11-19 (2000-09-07)	VEHICLE DATA BUS SYSTEM WITH POSITIONING MEANS HOYLAND PETER
DE50004512.7 (DE50004512.7)	DE	2003-12-24 (2000-09-07)	VEHICLE DATA BUS SYSTEM WITH POSITIONING MEANS MAEHNER MICHAEL
ES1212739 (ES00962451.1)	ES	2003-11-19 (2000-09-07)	VEHICLE DATA BUS SYSTEM WITH POSITIONING MEANS HOYLAND PETER
FR1212739 (FR00962451.1)	FR	2003-11-19 (2000-09-07)	VEHICLE DATA BUS SYSTEM WITH POSITIONING MEANS HOYLAND PETER
GB1212739 (GB00962451.1)	GB	2003-11-19 (2000-09-07)	VEHICLE DATA BUS SYSTEM WITH POSITIONING MEANS HOYLAND PETER

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IT1212739 (IT00962451.1)	IT	2003-11-19 (2000-09-07)	VEHICLE DATA BUS SYSTEM WITH POSITIONING MEANS HOYLAND PETER
JP3664681 (JP2001-524078)	JP	2005-04-08 (2000-09-07)	VEHICLE DATA BUS SYSTEM WITH POSITIONING MEANS HOYLAND PETER
6792352 (10/088211)	US	2004-09-14 (2002-07-26)	Vehicle data bus system with positioning means Stefan Hoffmann
(DE10137632.4)	DE	 (2001-08-03)	Method and system for finding a location on a digital map Cesim Demir
EP1281933 (EP02016544.5)	EP	2005-10-05 (2002-07-24)	Method and system for finding a location in a digital map Cesim Demir
DE50204445.4 (DE50204445.4)	DE	2006-02-16 (2002-07-24)	Method and system for finding a location in a digital map Cesim Demir
ES1281933 (ES02016544.5)	ES	2005-10-05 (2002-07-24)	Method and system for finding a location in a digital map Cesim Demir
FR1281933 (FR02016544.5)	FR	2005-10-05 (2002-07-24)	Method and system for finding a location in a digital map Cesim Demir
GB1281933 (GB02016544.5)	GB	2005-10-05 (2002-07-24)	Method and system for finding a location in a digital map Cesim Demir

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IT1281933 (IT02016544.5)	IT	2005-10-05 (2002-07-24)	Method and system for finding a location in a digital map Cesim Demir
NL1281933 (NL02016544.5)	NL	2005-10-05 (2002-07-24)	Method and system for finding a location in a digital map Cesim Demir
6847886 (10/209976)	US	2005-01-25 (2002-08-02)	Method and apparatus for finding a location in a digital map Cesim Demir
(DE10039782.4)	DE	(2000-08-16)	METHOD FOR CONTROLLING YAW AND TRANSVERSAL DYNAMICS IN A ROAD VEHICLE Avshalom Suissa
(EP01960665.6)	EP	(2001-08-15)	METHOD FOR CONTROLLING YAW AND TRANSVERSAL DYNAMICS IN A ROAD VEHICLE Avshalom Suissa
(JP2002-519250)	JP	(2001-08-15)	METHOD FOR CONTROLLING YAW AND TRANSVERSAL DYNAMICS IN A ROAD VEHICLE Avshalom Suissa
6909957 (10/344283)	US	2005-06-21 (2003-02-10)	Method for controlling yaw and transversal dynamics in a road vehicle Avshalom Suissa
DE19927402.9 (DE19927402.9)	DE	2005-06-09 (1999-06-16)	VEHICLE IMPACT DETECTION ARRANGEMENT EVALUATES DOPPLER SIGNAL OBTAINED BY REFLECTING RADAR Markus Hartlieb

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
6337653 (09/595603)	US	2002-01-08 (2000-06-15)	VEHICLE IMPACT DETECTION SENSOR SYSTEM Markus Hartlieb
JP3213706 (JP2000-180689)	JP	2001-07-19 (2000-06-16)	SENSOR DEVICE FOR VEHICLE IMPACT DETECTION Markus Hartlieb
6599243 (09/989431)	US	2003-07-29 (2001-11-21)	Personalized driver stress prediction using geographical databases Bernd Woltermann
7333482 (09/742443)	US	2008-02-19 (2000-12-22)	ROUTE OPTIMIZATION TECHNIQUE FOR MOBILE IP Jan Forslöv
JP4312338 (JP2000-042946)	JP	2009-05-22 (2000-02-21)	TIME REQUIRED FOR MOVEMENT ACQUIRING SYSTEM, LOCAL MAP INFORMATION SERVER, TIME REQUIRED FOR MOVEMENT ACQUIRING SERVER, THESE CONTROL METHODS AND INFORMATION RECORDING MEDIUM Hideharu Ogawa
6401031 (09/789325)	US	2002-06-04 (2001-02-20)	Travel time obtaining system, local map data server, travel time obtaining server, control methods thereof, and recording medium Hideharu Ogawa
(60/175675)	US	 (2000-01-12)	COMPRESSION AND REMOTE STORAGE APPARATUS FOR DATA, MUSIC AND VIDEO MARCO SCIBORA
7194555 (09/759798)	US	2007-03-20 (2001-01-12)	Compression and remote storage apparatus for data, music and video Marco Scibora

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“Assigned Patent Rights”

Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(PCT/US2001/001139)	WO	(2001-01-12)	COMPRESSION AND REMOTE STORAGE APPARATUS FOR DATA, MUSIC AND VIDEO MARCO SCIBORA
RE44493 (12/381422)	US	2013-09-10 (2009-03-11)	Compression and remote storage apparatus for data, music and video Marco Scibora
7324957 (10/972120)	US	2008-01-29 (2004-10-21)	Proximal advertising using hand-held communication devices Mark A. Boys
(PCT/US2005/036440)	WO	(2005-10-11)	PROXIMAL ADVERTISING USING HAND-HELD COMMUNICATION DEVICES Mark A. Boys
(11/930842)	US	(2007-10-31)	Proximal Advertising Using Hand-Held Communication Devices Mark A. Boys
6609235 (09/887885)	US	2003-08-19 (2001-06-22)	Method for providing a fill pattern for an integrated circuit design S. Ram Ramaswamy
(PCT/US2001/028724)	WO	(2001-09-11)	METHOD AND APPARATUS FOR DETERMINING SPECTRAL SIMILARITY James N. Sweet
6690321 (10/200638)	US	2004-02-10 (2002-07-22)	Multi-sensor target counting and localization system Stephen Robert Blatt
6473054 (09/928135)	US	2002-10-29 (2001-08-10)	Array Antenna with Notched Radiation Patterns Alfred R. Lopez

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6763136 (09/664701)	US	2004-07-13 (2000-09-19)	Method and apparatus for determining spectral similarity James Norman Sweet
6778702 (09/695797)	US	2004-08-17 (2000-10-23)	Method and apparatus for assessing the quality of spectral images James N. Sweet
6925093 (09/740238)	US	2005-08-02 (2000-12-18)	COMMUNICATION APPARATUS, COMMUNICATION SYSTEM AND METHOD FOR INTEGRATING SPEECH AND DATA Takao Shimizu
JP4903298 (JP2000-113025)	JP	2012-01-13 (2000-04-14)	COMMUNICATION DEVICE, COMMUNICATION SYSTEM AND VOICE/ DATA INTEGRATION METHOD Takao Shimizu
(JP2010-053798)	JP	(2000-04-14)	COMMUNICATION DEVICE, COMMUNICATION SYSTEM AND VOICE/ DATA INTEGRATION METHOD Takao Shimizu
(60/169965)	US	(1999-12-09)	ANONYMOUS INTERACTIVE INTERNET- BASED DATA SERVICE THOMAS E. HASTE III
6665389 (09/626776)	US	2003-12-16 (2000-07-27)	ANONYMOUS INTERACTIVE INTERNET- BASED DATING SERVICE Thomas E. Haste III
(JP2000-082673)	JP	(2000-03-23)	Thin film forming method and thin film forming apparatus Nobuyuki Otsuka

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“Assigned Patent Rights”

Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(JP2000-274259)	JP	(2000-09-11)	Method And System For Information Transmission And Intermediation Kazuhiko Wakui
AU769341 (AU74538/00)	AU	2004-01-22 (2000-10-03)	System And Method For Intermediating Information Wakui Kazuhiko
(CN00807983.8)	CN	(2000-10-03)	System And Method For Intermediating Information Kazuhiko Wakui
DE60044651.4 (DE60044651.4)	DE	2010-07-07 (2000-10-03)	System And Method For Intermediating Information Kazuhiko Wakui
EP1328876 (EP00963074.0)	EP	2010-07-07 (2000-10-03)	System And Method For Intermediating Information Kazuhiko Wakui
FR1328876 (FR00963074.0)	FR	2010-07-07 (2000-10-03)	System And Method For Intermediating Information Kazuhiko Wakui
GB1328876 (GB00963074.0)	GB	2010-07-07 (2000-10-03)	System And Method For Intermediating Information Kazuhiko Wakui
KR10-0428867 (KR10-2001-7014970)	KR	2004-04-13 (2000-10-03)	System And Method For Intermediating Information Kazuhiko Wakui
(PCT/JP2000/006875)	WO	(2000-10-03)	System And Method For Intermediating Information Among Members Of A Online Community Kazuhiko Wakui

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6658410 (09/679223)	US	2003-12-02 (2000-10-04)	System And Method For Intermediating Information Kazuhiko Wakui
(HK03107265.0)	HK	 (2003-10-09)	SYSTEM AND METHOD FOR INTERMEDIATING INFORMATION Kazuhiko Wakui
(JP2000-022527)	JP	 (2000-01-31)	Title Not Available Unable to verify
(JP2000-368808)	JP	 (2000-12-04)	Graphic Data Generating And Editing System, Digital Audio Player, Graphic Data Generating And Editing Method And Recording Medium Shoichi Nagatomo
6753882 (09/768547)	US	2004-06-22 (2001-01-24)	Wrist Audio Player System And Wrist Audio Player Device Shoichi Nagatomo
6567823 (09/633332)	US	2003-05-20 (2000-08-07)	Change propagation method using DBMS log files Michael Rothschild
(60/113050)	US	 (1998-12-21)	Methods of adding doppler enhancement to grayscale compression (ZLD) Kendyl Allen Roman
(60/113051)	US	 (1998-12-21)	Methods of zero loss (ZL) compression and encoding of grayscale images Kendyl Allen Roman
(60/113276)	US	 (1998-12-23)	Method of image enhancement, compression, and encoding of grayscale images (echo codec) Kendyl Allen Roman

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7233619 (09/467721)	US	2007-06-19 (1999-12-20)	Variable general purpose compression for video images (ZLN) Kendyl A. Román
7016417 (09/470566)	US	2006-03-21 (1999-12-22)	General purpose compression for video images (RHN) Kendyl A. Román
(60/176346)	US	 (2000-01-14)	Faster image processing Kendyl Allen Roman
7671864 (09/758573)	US	2010-03-02 (2001-01-10)	Faster image processing Kendyl A. Román
(60/293772)	US	 (2001-05-26)	Global media archive Kendyl Roman
(10/154775)	US	 (2002-05-24)	Global media exchange Kendyl Roman
8290034 (11/262106)	US	2012-10-16 (2005-10-27)	Handheld video transmission and display Kendyl A. Roman
7526029 (11/280656)	US	2009-04-28 (2005-11-15)	General purpose compression for video images (RHN) Kendyl A. Román
7991052 (11/638989)	US	2011-08-02 (2006-12-13)	Variable General Purpose Compression for Video Images (ZLN) Kendyl A. Roman
8416847 (11/820300)	US	2013-04-09 (2007-06-18)	Separate plane compression using plurality of compression methods including ZLN and ZLD methods Kendyl Roman

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(11/823493)	US	(2007-06-27)	Handheld video transmission and display Kendyl Roman
8170095 (12/002043)	US	2012-05-01 (2007-12-14)	Faster image processing Kendyl Roman
8068544 (12/004575)	US	2011-11-29 (2007-12-21)	Compression with doppler enhancement Kendyl Roman
(12/157225)	US	(2008-06-07)	Media Exchange for handheld Wireless Receivers and Other media User Devices Kendyl Roman
(12/157292)	US	(2008-06-07)	Handheld Wireless Video Receiver Kendyl Roman
(12/868748)	US	(2010-08-26)	Handheld Wireless Digital Audio and Video Receiver Kendyl A. Román
8537898 (13/270533)	US	2013-09-17 (2011-10-11)	Compression with doppler enhancement Kendyl A. Roman
7857510 (10/704368)	US	2010-12-28 (2003-11-08)	Temperature sensing circuit Carl F Liepold
(10/897217)	US	(2004-07-22)	Temperature manager Carl F. Liepold
(60/190686)	US	(2000-03-20)	Si-Based Holographic Reconfigurable Antenna ARYE ROSEN
(60/245838)	US	(2000-11-03)	Si-Based Holographic Reconfigurable Antenna Aly Fathy

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(PCT/US2001/008929)	WO	(2001-03-20)	Reconfigurable Antenna Aly Fathy
(EP01930424.5)	EP	(2001-03-20)	Reconfigurable Antenna Aly Fathy
(JP2001-569925)	JP	(2001-03-20)	Reconfigurable Antenna Aly Fathy
(PCT/US2001/008930)	WO	(2001-03-20)	Surface PIN Device Aly Fathy
6567046 (09/812701)	US	2003-05-20 (2001-03-20)	Reconfigurable Antenna Arye Rosen
6617670 (09/812702)	US	2003-09-09 (2001-03-20)	Surface PIN Device Gordon C. Taylor
(60/200069)	US	(2000-04-27)	Planar Polarizers Aly E. Fathy
6445346 (09/845095)	US	2002-09-03 (2001-04-27)	Planar Polarizer Feed Network For A Dual Circular Polarized Antenna Array Aly E. Fathy
(60/186546)	US	(2000-03-02)	True Transmitted RF Power Measurement And A Miniature Surface Mount Integrated Implementation For Communications Including Cellular And PCS Applications Zygmund Turski
6600307 (09/742768)	US	2003-07-29 (2000-12-21)	Method And Apparatus For Measuring True Transmitted Power Using A Broadband Dual Directional Coupler Zygmund Turski

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(PCT/US2001/005637)	WO	(2001-02-22)	Method And Apparatus For Measuring True Transmitted Power Using A Broadband Dual Directional Coupler Zygmund Turski
(EP01914432.8)	EP	(2001-02-22)	Method And Apparatus For Measuring True Transmitted Power Using A Broadband Dual Directional Coupler Zygmund Turski
(JP2001-563911)	JP	(2001-02-22)	Method And Apparatus For Measuring True Transmitted Power Using A Broadband Dual Directional Coupler Zygmund Turski
(60/234584)	US	(2000-09-22)	Integrated Low-Loss RF Distribution Network With Phase Shifters Sridhar Kanamaluru
6621468 (09/817431)	US	2003-09-16 (2001-03-26)	Low Loss RF Power Distribution Network Sridhar Kanamaluru
(PCT/US2001/029098)	WO	(2001-09-18)	Low Loss RF Power Distribution Network Sridhar Kanamaluru
(KR10-2002-7011355)	KR	(2001-02-22)	Method And Apparatus For Measuring True Transmitted Power Using A Broadband Dual Directional Coupler Zygmund Turski
(KR10-2002-7012323)	KR	(2001-03-20)	Reconfigurable Antenna Aly Fathy
6731825 (09/613926)	US	2004-05-04 (2000-07-11)	Apparatus And Method For Producing Images Using Digitally Stored Dynamic Background Sets Alfonse Anthony Acampora

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7089436 (09/776981)	US	2006-08-08 (2001-02-05)	POWER SAVING METHOD AND ARRANGEMENT FOR A CONFIGURABLE PROCESSOR ARRAY Ming-Hau Lee
GB2375642 (GB0219973.5)	GB	2005-02-23 (2001-03-05)	An Improved High Density Memory Cell CORMAC O'CONNELL
JP4903338 (JP2001-564165)	JP	2012-01-13 (2001-03-05)	An Improved High Density Memory Cell CORMAC O'CONNELL
6751111 (10/227380)	US	2004-06-15 (2001-03-05)	High density memory cell Richard C. Foss
CA2321466 (CA2321466)	CA	2006-06-06 (2000-09-29)	Priority encoder circuit and method ROBERT MCKENZIE
6693814 (09/954074)	US	2004-02-17 (2001-09-18)	Priority encoder circuit and method Robert McKenzie
7043601 (10/742926)	US	2006-05-09 (2003-12-23)	Priority encoder circuit and method Robert McKenzie
CNZL01805996.1 (CN01805996.1)	CN	2006-03-29 (2001-03-05)	Improved High Density Memory Cell CORMAC O'CONNELL
KR10-0743808 (KR10-2002-7011589)	KR	2007-07-23 (2001-03-05)	An Improved High Density Memory Cell CORMAC O'CONNELL
6891865 (10/077522)	US	2005-05-10 (2002-02-15)	Wavelength tunable laser Yong Ma
 (PCT/US2003/003568)	WO	 (2003-02-05)	WAVELENGTH TUNABLE LASER Yong Ma

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AU210878 (AU2003210878)	AU	(2003-02-05)	WAVELENGTH TUNABLE LASER Yong Ma
(10/928010)	US	(2004-08-27)	Wavelength tunable laser Yong Ma
KR10-0609872 (KR10-2000-0068606)	KR	2006-07-31 (2000-11-17)	Computer Seok Bang
CNZL01118824.3 (CN01118824.3)	CN	2010-05-12 (2001-06-18)	Computer System Seok Bang
6618241 (09/907918)	US	2003-09-09 (2001-07-19)	Computer system Seog Bang
KR10-0373686 (KR10-2001-0004577)	KR	2003-02-12 (2001-01-31)	A Portable Computer Having External Antenna JEONGKARB SHIN
6650532 (09/902714)	US	2003-11-18 (2001-07-12)	Mobile computer having an external antenna and a method for wireless communication by a mobile computer Jeong-Karb Shin
KR10-0528462 (KR10-1999-0021790)	KR	2005-11-07 (1999-06-11)	COMPUTER WITH A STRUT FOR SUPPORTING ELECTRONIC DEVICES KYUYEOB JEONG
TWI185439 (TW089109816)	TW	2003-08-21 (2000-05-22)	Structure for mounting electronic devices to a computer main body KYUYEOB JEONG
CNZL00107773.2 (CN00107773.2)	CN	2005-06-08 (2000-05-23)	Structure For Installing Electronic Device To Computer Main Body Kyu-yeob Jeong

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(JP2000-175514)	JP	(2000-06-12)	Computer Having Strut For Electronic Device Kyu-yeob Jeong
6404624 (09/592536)	US	2002-06-11 (2000-06-12)	Structure for mounting electronic devices to a computer main body Kyu-Yeob Jeong
KR10-0448189 (KR10-2001-0071843)	KR	2004-09-01 (2001-11-19)	Computer KYUYEOB JEONG
6757163 (10/146796)	US	2004-06-29 (2002-05-17)	Computer having an auxiliary memory unit removably fastened on a fixing bracket Kyu-yeob Jeong
CNZL02122138.3 (CN02122138.3)	CN	2006-01-18 (2002-05-31)	COMPUTER WITH AUXILIARY MEMORY CELL FASTENED TO FIXED SUPPORT DETACHLY Kyu-yeob Jeong
KR10-0431345 (KR10-2001-0064584)	KR	2004-05-01 (2001-10-19)	Computer MyoungKu Lee
6711011 (10/125497)	US	2004-03-23 (2002-04-19)	Computer hardware structure Myoung-ku Lee
CNZL02118840.8 (CN02118840.8)	CN	2006-07-26 (2002-04-29)	Hardware Structure Of Computer Myoung-ku Lee
KR10-0456582 (KR10-2001-0077128)	KR	2004-11-01 (2001-12-06)	Computer Chang-Hwan Yang
(JP2002-083246)	JP	(2002-03-25)	Computer Chang-Hwan Yang

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CNZL02122289.4 (CN02122289.4)	CN	2006-04-26 (2002-06-04)	Computer With Improved Housing Structure Chang-hwan Yang
6778408 (10/166390)	US	2004-08-17 (2002-06-11)	Computer having an improved casing structure Chang-hwan Yang
TWM195062 (TW090209695)	TW	2002-10-11 (2001-06-11)	Image scanner with scanning functions for reflective and transmissive documents DA-YI LI
6542279 (09/934733)	US	2003-04-01 (2001-08-22)	Image scanner capable of scanning reflective and penetrative documents Lee Ta Yi
TWM201139 (TW091203175)	TW	2003-02-21 (2002-03-15)	Double-sided printing apparatus YU-REN SU
CNZL02230730.3 (CN02230730.3)	CN	2003-01-29 (2002-04-09)	Two-Face Printing Device Yu-Jen Su
JP3092040 (JP2002-005056)	JP	2002-11-27 (2002-08-09)	Two-Face Printing Device Yu-Jen Su
6690909 (10/216217)	US	2004-02-10 (2002-08-12)	Double-sided printing device for paper handling Yu-Jen Su
TWI186807 (TW090106821)	TW	2003-09-21 (2001-03-22)	Paper-Stopping Mechanism Of Automatic Document Feeder SHI-Q XIAO
6557848 (09/843479)	US	2003-05-06 (2001-04-26)	Paper-stopping mechanism of automatic document feeder Sidney Hsiao

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7472354 (10/619555)	US	2008-12-30 (2003-07-16)	Graphical user interface having an attached toolbar for drag and drop editing in detail-in-context lens presentations Maria Lantin
8225225 (12/340512)	US	2012-07-17 (2008-12-19)	Graphical user interface having an attached toolbar for drag and drop editing in detail-in-context lens presentations Maria Lantin
9400586 (13/531981)	US	2016-07-26 (2012-06-25)	Graphical user interface having an attached toolbar for drag and drop editing in detail-in-context lens presentations Zeenat Jetha
8106927 (11/138979)	US	2012-01-31 (2005-05-27)	Graphical user interfaces and occlusion prevention for fisheye lenses with line segment foci Mark H. A. Tigges
8350872 (13/343894)	US	2013-01-08 (2012-01-05)	Graphical user interfaces and occlusion prevention for fisheye lenses with line segment foci Garth B.D. Shoemaker
8711183 (13/726970)	US	2014-04-29 (2012-12-26)	Graphical user interfaces and occlusion prevention for fisheye lenses with line segment foci Garth B.D. Shoemaker
7714859 (11/214886)	US	2010-05-11 (2005-08-31)	Occlusion reduction and magnification for multidimensional data presentations Ali Solehdin
9299186 (14/563178)	US	2016-03-29 (2014-12-08)	Occlusion reduction and magnification for multidimensional data presentations Garth B.D. Shoemaker

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7197719 (10/137648)	US	2007-03-27 (2002-05-03)	Graphical user interface for detail-in-context presentations Michael Doyle
7213214 (10/166736)	US	2007-05-01 (2002-06-12)	Graphical user interface with zoom for detail-in-context presentations David Baar
7084886 (10/614754)	US	2006-08-01 (2003-07-08)	Using detail-in-context lenses for accurate digital image cropping and measurement Zeenat Jetha
7489321 (11/443124)	US	2009-02-10 (2006-05-31)	Using detail-in-context lenses for accurate digital image cropping and measurement Andrew Skiers
7966570 (11/673038)	US	2011-06-21 (2007-02-09)	GRAPHICAL USER INTERFACE FOR DETAIL-IN-CONTEXT PRESENTATIONS Michael Doyle
9323413 (11/691686)	US	2016-04-26 (2007-03-27)	GRAPHICAL USER INTERFACE WITH ZOOM FOR DETAIL-IN-CONTEXT PRESENTATIONS David Baar
7978210 (12/368263)	US	2011-07-12 (2009-02-09)	DETAIL-IN-CONTEXT LENSES FOR DIGITAL IMAGE CROPPING AND MEASUREMENT Andrew Skiers
8120624 (12/368267)	US	2012-02-21 (2009-02-09)	DETAIL-IN-CONTEXT LENSES FOR DIGITAL IMAGE CROPPING, MEASUREMENT AND ONLINE MAPS Andrew Skiers

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
9760235 (12/368268)	US	2017-09-12 (2009-02-09)	LENS-DEFINED ADJUSTMENT OF DISPLAYS Andrew Skiers
8416266 (12/623765)	US	2013-04-09 (2009-11-23)	Interacting with detail-in-context presentations Richard Rupp
9804728 (13/358147)	US	2017-10-31 (2012-01-25)	DETAIL-IN-CONTEXT LENSES FOR DIGITAL IMAGE CROPPING, MEASUREMENT AND ONLINE MAPS Zeenat Jetha
6961071 (10/435657)	US	2005-11-01 (2003-05-12)	Method and system for inversion of detail-in-context presentations with folding Catherine Montagnese
7106349 (10/021313)	US	2006-09-12 (2001-12-19)	Method and system for enhanced detail-in-context viewing David J. Cowperthwaite
7983473 (11/695104)	US	2011-07-19 (2007-04-02)	Transparency adjustment of a presentation Mark H. A. Tigges
8194972 (13/178813)	US	2012-06-05 (2011-07-08)	METHOD AND SYSTEM FOR TRANSPARENCY ADJUSTMENT AND OCCLUSION RESOLUTION FOR URBAN LANDSCAPE VISUALIZATION Mark H.A. Tigges
8478026 (13/477784)	US	2013-07-02 (2012-05-22)	METHOD AND SYSTEM FOR TRANSPARENCY ADJUSTMENT AND OCCLUSION RESOLUTION FOR URBAN LANDSCAPE VISUALIZATION Mark H.A. Tigges

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8675955 (13/916358)	US	2014-03-18 (2013-06-12)	METHOD AND SYSTEM FOR TRANSPARENCY ADJUSTMENT AND OCCLUSION RESOLUTION FOR URBAN LANDSCAPE VISUALIZATION Mark H.A. Tigges
7275219 (10/358385)	US	2007-09-25 (2003-02-05)	Fast and accurate rendering of pliable display technology distortions using pre-calculated texel coverages Garth B. D. Shoemaker
RE44348 (13/216950)	US	2013-07-09 (2011-08-24)	Detail-in-context terrain displacement algorithm with optimizations Catherine Montagnese
8031206 (11/541778)	US	2011-10-04 (2006-10-03)	Method and system for generating pyramid fisheye lens detail-in-context presentations Garth B.D. Shoemaker
8687017 (13/236736)	US	2014-04-01 (2011-09-20)	METHOD AND SYSTEM FOR GENERATING PYRAMID FISHEYE LENS DETAIL-IN-CONTEXT PRESENTATIONS Garth B.D. Shoemaker
7411610 (10/435675)	US	2008-08-12 (2003-05-12)	Method and system for generating detail-in- context video presentations using a graphical user interface Michael Doyle
9026938 (12/178679)	US	2015-05-05 (2008-07-24)	DYNAMIC DETAIL-IN-CONTEXT USER INTERFACE FOR APPLICATION ACCESS AND CONTENT ACCESS ON ELECTRONIC DISPLAYS David J. P. Baar
7667699 (10/358394)	US	2010-02-23 (2003-02-05)	Fast rendering of pyramid lens distorted raster images Garth B. D. Shoemaker

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9317945 (11/159205)	US	2016-04-19 (2005-06-23)	Detail-in-context lenses for navigation Douglas Fraser
(CA2393887)	CA	(2002-07-17)	Enhancements to user interface for detail-in-context data presentation MARIA LANTIN
(15/220073)	US	(2016-07-26)	Graphical user interface having an attached toolbar for drag and drop editing in detail-in-context lens presentations Zeenat Jetha
(60/574931)	US	(2004-05-28)	Graphical user interfaces and occlusion prevention for fisheye lenses with line segment foci Garth B. D. Shoemaker
(60/606906)	US	(2004-09-03)	Occlusion reduction and magnification methods and applications for multidimensional data presentation Garth B. D. Shoemaker
8907948 (12/773185)	US	2014-12-09 (2010-05-04)	Occlusion reduction and magnification for multidimensional data presentations David J.P. Baar
(15/374052)	US	(2016-12-09)	Occlusion reduction and magnification for multidimensional data presentations Garth B.D. Shoemaker
(CA2317336)	CA	(2000-09-06)	Occlusion resolution operators for three-dimensional detail-in-context DAVID COWPERTHWAIT
(PCT/CA2001/001256)	WO	(2001-09-06)	3D Occlusion reducing transformation DAVID COWPERTHWAIT

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(CA2421378)	CA	(2001-09-06)	3D Occlusion reducing transformation DAVID J. COWPERTHWAITE
(EP01969103.9)	EP	(2001-09-06)	3D Occlusion reducing transformation DAVID COWPERTHWAITE
JP4774187 (JP2002-525572)	JP	2011-07-01 (2001-09-06)	Occlusion reducing transformations for three-dimensional detail-in-context viewing David Cowperthwaite
6798412 (09/946806)	US	2004-09-28 (2001-09-06)	Occlusion reducing transformations for three-dimensional detail-in-context viewing David Cowperthwaite
7280105 (10/884978)	US	2007-10-09 (2004-07-07)	Occlusion reducing transformations for three-dimensional detail-in-context viewing David Cowperthwaite
(CA2345803)	CA	(2001-05-03)	User interface elements for pliable display technology implementations GARTH SHOEMAKER
(CA2350342)	CA	(2001-06-12)	Extension of detail-in-context data presentation with interface to full zoom function DAVID BAAR
(PCT/CA2002/000660)	WO	(2002-05-03)	GRAPHICAL USER INTERFACE FOR DETAIL-IN-CONTEXT PRESENTATIONS MICHAEL DOYLE
(PCT/CA2002/000860)	WO	(2002-06-12)	Graphical user interface with zoom for detail-in-context presentations DAVID BARR

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(CA2393708)	CA	(2002-07-16)	Applications of multiple lenses in detail-in-context data presentations ZEENAT JETHA
(CA2394119)	CA	(2002-07-18)	Cropping and measuring with a single lens ANDREW SKIERS
(60/618249)	US	(2004-10-14)	Novel interaction techniques for computing devices Garth B. D. Shoemaker
(60/693411)	US	(2005-06-24)	Detail-in-context presentation methods and applications for interactive online maps Garth B. D. Shoemaker
(11/249493)	US	(2005-10-14)	Interacting with detail-in-context presentations Garth B. D. Shoemaker
(11/473152)	US	(2006-06-23)	Detail-in-context lenses for online maps David J.P. Baar
(61/033042)	US	(2008-03-03)	Lens-defined local adjustment of brightness for electronic displays David J. P. Baar
(13/765473)	US	(2013-02-12)	Interacting with detail-in-context presentations Garth B.D. Shoemaker
(15/701874)	US	(2017-09-12)	LENS-DEFINED ADJUSTMENT OF DISPLAYS David J. P. Baar
(CA2386702)	CA	(2002-05-17)	Computing the inverse of a PDT distortion MARK TIGGES

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(PCT/CA2003/000698)	WO	(2003-05-12)	A method and system for inversion of detail-in-context presentations with folding MARK TIGGES
(CA2328795)	CA	(2000-12-19)	Applications and performance enhancements for detail-in-context viewing technology MARK H. A. TIGGES
(CA2365426)	CA	(2001-12-19)	Method and system for enhanced detail-in-context viewing MARK H. A. TIGGES
(PCT/CA2001/001816)	WO	(2001-12-19)	Method and system for enhanced detail-in-context viewing David J. Cowperthwaite
7283141 (11/444478)	US	2007-10-16 (2006-06-01)	Method and system for enhanced detail-in-context viewing David J. Cowperthwaite
RE43742 (12/580540)	US	2012-10-16 (2009-10-16)	Method and system for enhanced detail-in-context viewing David J. P. Baar
(60/790778)	US	(2006-04-11)	Method and system for transparency adjustment and occlusion resolution for urban landscape visualization Mark H. A. Tigges
(CA2370751)	CA	(2002-02-05)	Fast and accurate rendering of pliable display technology distortions using pre-calculated texel coverages GARTH B. D. SHOEMAKER

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(PCT/CA2003/000160)	WO	(2003-02-05)	Fast and accurate rendering of pliable display technology distortions using pre-calculated texel coverages GARTH B. D. SHOEMAKER
(60/670646)	US	(2005-04-13)	Detail-in-context terrain displacement algorithm with optimizations Catherine Montagnese
7580036 (11/401349)	US	2009-08-25 (2006-04-11)	Detail-in-context terrain displacement algorithm with optimizations Mark H. A. Tigges
(60/725291)	US	(2005-10-12)	Pyramid fisheye lens rendering in environments with limited operation sets Garth B. D. Shoemaker
(CA2386560)	CA	(2002-05-15)	Controlling optical hardware and dynamic data viewing systems with detail-in-context viewing tools MICHAEL DOYLE
(CA2328794)	CA	(2000-12-19)	Computational technique for inversion of a detail-in-context data representation MARK H. A. TIGGES
(CA2341965)	CA	(2001-03-23)	A method and system for inversion of detail-in-context presentations MARK H. A. TIGGES
6727910 (09/932088)	US	2004-04-27 (2001-08-20)	Method and system for inversion of detail-in-context presentations Mark H. A. Tigges
7173633 (10/788482)	US	2007-02-06 (2004-03-01)	Method and system for inversion of detail-in-context presentations Mark H. A. Tigges

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(60/952110)	US	(2007-07-26)	Dynamic Detail-in-context user interface for application access and content access on electronic displays ANDREW CARLISLE
(CA2370752)	CA	(2002-02-05)	Fast rendering of pyramid lens distorted raster images GARTH B. D. SHOEMAKER
(PCT/CA2003/000159)	WO	(2003-02-05)	Fast rendering of pyramid lens distorted raster images GARTH B. D. SHOEMAKER
(60/581726)	US	(2004-06-23)	Adaptations of fisheye lenses for navigation and other purposes, based on velocity, time, and data features Douglas Fraser
6678323 (09/767690)	US	2004-01-13 (2001-01-24)	BANDWIDTH REDUCTION FOR STEREOSCOPIC IMAGERY AND VIDEO SIGNALS Wa James Tam
(CA2368692)	CA	(2002-01-21)	BANDWIDTH REDUCTION FOR STEREOSCOPIC IMAGERY AND VIDEO SIGNALS WA JAMES TAM
7039860 (09/409898)	US	2006-05-02 (1999-10-01)	Creating web pages category list prior to the list being served to a browser Arild O. Gautestad
(PCT/IB2000/001520)	WO	(2000-10-02)	A METHOD AND SYSTEM FOR PUBLICATION AND REVISION OF HIERARCHICALLY ORGANIZED SETS OF STATIC INTRANET AND INTERNET WEB PAGES Arild O. Gautestad

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AT285093 (AT00968165.1)	AT	2004-12-15 (2000-10-02)	A METHOD AND SYSTEM FOR PUBLICATION AND REVISION OF HIERARCHICALLY ORGANIZED SETS OF STATIC INTRANET AND INTERNET WEB PAGES Arild O. Gautestad
CH1218843 (CH00968165.1)	CH	2004-12-15 (2000-10-02)	A METHOD AND SYSTEM FOR PUBLICATION AND REVISION OF HIERARCHICALLY ORGANIZED SETS OF STATIC INTRANET AND INTERNET WEB PAGES Arild O. Gautestad
EP1218843 (EP00968165.1)	EP	2004-12-15 (2000-10-02)	A METHOD AND SYSTEM FOR PUBLICATION AND REVISION OF HIERARCHICALLY ORGANIZED SETS OF STATIC INTRANET AND INTERNET WEB PAGES Arild O. Gautestad
DE60016772.0 (DE60016772.0)	DE	2004-12-15 (2000-10-02)	A METHOD AND SYSTEM FOR PUBLICATION AND REVISION OF HIERARCHICALLY ORGANIZED SETS OF STATIC INTRANET AND INTERNET WEB PAGES Arild O. Gautestad
GB1218843 (GB00968165.1)	GB	2004-12-15 (2000-10-02)	A METHOD AND SYSTEM FOR PUBLICATION AND REVISION OF HIERARCHICALLY ORGANIZED SETS OF STATIC INTRANET AND INTERNET WEB PAGES Arild O. Gautestad

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IE1218843 (IE00968165.1)	IE	2004-12-15 (2000-10-02)	A METHOD AND SYSTEM FOR PUBLICATION AND REVISION OF HIERARCHICALLY ORGANIZED SETS OF STATIC INTRANET AND INTERNET WEB PAGES Arild O. Gautestad
7660810 (11/067676)	US	2010-02-09 (2005-03-01)	Method and system for publication and revision or hierarchically organized sets of static intranet and internet web pages Arild O. Gautestad
(12/686962)	US	(2010-01-13)	Method and system for publication and revision or hierarchically organized sets of static intranet and internet web pages Arild O. Gautestad
7536326 (10/813919)	US	2009-05-19 (2004-03-31)	System for reducing payments risk, liquidity risk and systemic risk associated with payments-based transactions wherein a filter process module in each payment bank host application is integrated with payments processing such that payments instructions are filtered for compliance using suspend payments instructions and payments risk parameters Kathleen Tyson-Quah
7716097 (10/815190)	US	2010-05-11 (2004-03-31)	REDUCING RISK IN A PAYMENT-BASED TRANSACTION BASED UPON AT LEAST ONE USER-SUPPLIED RISK PARAMETER INCLUDING A CLEAN PAYMENT LIMIT Kathleen Tyson-Quah
7283977 (09/513440)	US	2007-10-16 (2000-02-25)	System for reducing risk payment-based transactions wherein a risk filter routine returns instructions authorizing payment to a payment queue for later re-evaluation Kathleen Tyson-Quah

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(PCT/GB2001/000802)	WO	(2001-02-23)	METHOD OF AND SYSTEM FOR MITIGATING RISK ASSOCIATED WITH SETTLING OF FOREIGN EXCHANGE AND OTHER PAYMENTS-BASED TRANSACTIONS KATHLEEN TYSON-QUAH
7523054 (10/007179)	US	2009-04-21 (2001-10-22)	Method of and system for mitigating risk associated with settling of foreign exchange and other payments-based transactions Kathleen Tyson-Quah
7536347 (10/814730)	US	2009-05-19 (2004-03-31)	Method of Reducing Payments Risk, Liquidity Risk, and Systematic Risk Associated with Payments-Based Transactions Kathleen Tyson-Quah
7822663 (10/814800)	US	2010-10-26 (2004-03-31)	REDUCING RISK IN A PAYMENT-BASED TRANSACTION BY RETURNING PAYMENT AUTHORIZING INSTRUCTIONS TO A PAYMENT QUEUE FOR LATERT RE-EVALUATION Kathleen Tyson-Quah
(11/981550)	US	(2007-10-31)	COMPUTER-IMPLEMENTED METHOD OF REDUCING RISK IN PAYMENT-BASED TRANSACTION WHEREIN PAYMENT IS MADE FROM AN ACCOUNT HOLDER TO A COUNTERPARTY USING A PAYMENT BACK SYSTEM EMPLOYING A RISK FILTER ROUTINE THAT DETERMINES WHETHER TO SELECTIVELY REJECT PAYMENT BA Kathleen Tyson-Quah
(08/982280)	US	(1997-12-01)	Unable to verify Unable to verify

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(PCT/CA1998/001099)	WO	(1998-12-01)	ARCHITECTURE FOR AN APPLICATION FRAMEWORK Wido Menhardt
(CA2311743)	CA	(1998-12-01)	ARCHITECTURE FOR AN APPLICATION FRAMEWORK Wido Menhardt
(EP98956741.7)	EP	(1998-12-01)	ARCHITECTURE FOR AN APPLICATION FRAMEWORK Wido Menhardt
IL136465 (IL136465)	IL	2005-05-21 (1998-12-01)	ARCHITECTURE FOR AN APPLICATION FRAMEWORK Wido Menhardt
JP4471250 (JP2000-523618)	JP	2010-03-12 (1998-12-01)	ARCHITECTURE FOR AN APPLICATION FRAMEWORK Wido Menhardt
7237199 (09/580163)	US	2007-06-26 (2000-05-30)	Architecture for an application framework Wido Menhardt
7267266 (10/888405)	US	2007-09-11 (2004-07-10)	Security system Catherine J. Rouille
7770790 (11/888578)	US	2010-08-10 (2007-08-01)	Security system Catherine J. Rouille
(60/486042)	US	(2003-07-10)	Credit card security system David W. Rouille
(60/486012)	US	(2003-07-10)	Monitoring system David W. Rouille

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(60/486043)	US	(2003-07-10)	Security system for electronic devices David W. Rouille
(11/982499)	US	(2007-11-02)	Security system Catherine J. Mouille
(GB9926131.5)	GB	(1999-11-05)	Image enhancement Jonathan Gordon Grove
(PCT/GB2000/004247)	WO	(2000-11-06)	REFINEMENT OF TRANSMITTED POLYGONAL MESH DATA Jonathan Gordon Grove
AU776911 (AU200111614)	AU	2004-09-23 (2000-11-06)	Refinement of transmitted polygonal mesh data Jonathan Gordon Grove
(CA2390139)	CA	(2000-11-06)	REFINEMENT OF TRANSMITTED POLYGONAL MESH DATA Jonathan Gordon Grove
(CN00815324.8)	CN	(2000-11-06)	Refinement of transmitted polygonal mesh data Jonathan Gordon Grove
(CZ20021557)	CZ	(2000-11-06)	Clarification of transmitted polygonal network data Jonathan Gordon Grove
EP1228489 (EP00973059.9)	EP	2011-03-02 (2000-11-06)	REFINEMENT OF TRANSMITTED POLYGONAL MESH DATA Jonathan Gordon Grove
DE60045688.9 (DE60045688.9)	DE	2011-03-02 (2000-11-06)	REFINEMENT OF TRANSMITTED POLYGONAL MESH DATA Jonathan Gordon Grove

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FR1228489 (FR00973059.9)	FR	2011-03-02 (2000-11-06)	REFINEMENT OF TRANSMITTED POLYGONAL MESH DATA Jonathan Gordon Grove
GB2358569 (GB0027066.0)	GB	2004-07-06 (2000-11-06)	Image enhancement using 3d co-ordinates of vertices of polygons Jonathan Gordon Grove
GB2396458 (GB0403063.1)	GB	2004-07-20 (2000-11-06)	Program provision for image enhancement Jonathan Gordon Grove
GB2396091 (GB0403104.3)	GB	2004-07-13 (2000-11-06)	Generating enhanceable images Jonathan Gordon Grove
GB1228489 (GB00973059.9)	GB	2011-03-02 (2000-11-06)	REFINEMENT OF TRANSMITTED POLYGONAL MESH DATA Jonathan Gordon Grove
(IL 149445)	IL	 (2000-11-06)	Refinement of transmitted polygonal mesh data Jonathan Gordon Grove
(JP2001-535932)	JP	 (2000-11-06)	REFINEMENT OF TRANSMITTED POLYGONAL MESH DATA Jonathan Gordon Grove
KR10-0848723 (KR10-2002-7005829)	KR	2008-07-21 (2000-11-06)	REFINEMENT OF TRANSMITTED POLYGONAL Jonathan Gordon Grove
NZ518954 (NZ20000518954)	NZ	2004-02-09 (2000-11-06)	Refinement of transmitted polygonal mesh data Jonathan Gordon Grove
(PL354442)	PL	 (2000-11-06)	Refinement of transmitted polygonal mesh data Jonathan Gordon Grove

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7136065 (10/129451)	US	2006-11-14 (2000-11-06)	Refinement of transmitted polygonal mesh data Jonathan Gordon Grove
(NO2002002090)	NO	 (2000-11-06)	REFINEMENT OF TRANSMITTED POLYGONAL MESH DATA Jonathan Gordon Grove
(MX02004523)	MX	 (2000-11-06)	Refinement of transmitted polygonal mesh data Jonathan Gordon Grove
(ZA02/03992)	ZA	 (2002-05-20)	Refinement of transmitted polygonal mesh data Jonathan Gordon Grove
(BR20000015366)	BR	 (2000-11-06)	REFINEMENT OF TRANSMITTED POLYGONAL MESH DATA Jonathan Gordon Grove
FR2810770 (FR0008107)	FR	2003-01-03 (2000-06-23)	Representation of 3D object uses triangular mesh with co-ordinates of triangle corners identifying surface contours of 3D shape LAURENT CHATENET NATHALIE
(PCT/FR2001/001964)	WO	 (2001-06-21)	REFINEMENT OF A TRIANGULAR MESH REPRESENTING A THREE-DIMENSIONAL OBJECT PIERRE ALLIEZ
EP1292921 (EP01956590.2)	EP	2005-11-16 (2001-06-21)	REFINEMENT OF A THREE- DIMENSIONAL TRIANGULAR MESH PIERRE ALLIEZ
DE60115034.1 (DE01956590.2)	DE	2005-11-16 (2001-06-21)	REFINEMENT OF A THREE- DIMENSIONAL TRIANGULAR MESH PIERRE ALLIEZ

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ES1292921 (ES01956590.2)	ES	2005-11-16 (2001-06-21)	REFINEMENT OF A THREE-DIMENSIONAL TRIANGULAR MESH PIERRE ALLIEZ
FR1292921 (FR01956590.2)	FR	2005-11-16 (2001-06-21)	REFINEMENT OF A THREE-DIMENSIONAL TRIANGULAR MESH PIERRE ALLIEZ
GB1292921 (GB01956590.2)	GB	2005-11-16 (2001-06-21)	REFINEMENT OF A THREE-DIMENSIONAL TRIANGULAR MESH PIERRE ALLIEZ
IT1292921 (IT01956590.2)	IT	2005-11-16 (2001-06-21)	REFINEMENT OF A THREE-DIMENSIONAL TRIANGULAR MESH PIERRE ALLIEZ
7138999 (10/312207)	US	2006-11-21 (2001-06-21)	Refinement of a triangular mesh representing a three-dimensional object Pierre Alliez
6668258 (09/964250)	US	2003-12-23 (2001-09-26)	Method for the scaling of the indexing data of a multimedia document Alain De Cheveigne
6572969 (10/147655)	US	2003-06-03 (2002-05-16)	Core shell polymeric compositions Gamini S. Samaranayake
6521342 (10/171329)	US	2003-02-18 (2002-06-12)	Cationic core-shell particles with acid-swallowable shells Frederick G. HUTTER
6521343 (10/194352)	US	2003-02-18 (2002-07-12)	Cationic core-shell particles with stabilizer-containing acid-swallowable shells Frederick G. HUTTER

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6767638 (10/291141)	US	2004-07-27 (2002-11-08)	Core-shell polymeric compositions Gamini S. Samaranayake
(PCT/US2003/015636)	WO	 (2003-05-15)	CATIONIC CORE-SHELL PARTICLES WITH ACID-SWELLABLE SHELLS Frederick G. HUTTER
AU233562 (AU2003233562)	AU	2005-10-13 (2003-05-15)	CATIONIC CORE-SHELL PARTICLES WITH ACID-SWELLABLE SHELLS Frederick G. HUTTER
(BR2003PI08669)	BR	 (2003-05-15)	CATIONIC CORE-SHELL PARTICLE, LATEX, INKJET RECEPTIVE COATING, AND INKJET PRINTABLE PRODUCT Frederick G. Hutter
(CA2489005)	CA	 (2003-05-15)	CATIONIC CORE-SHELL PARTICLES WITH ACID-SWELLABLE SHELLS Frederick G. HUTTER
(CN03813089.0)	CN	 (2003-05-15)	CATIONIC CORE-SHELL PARTICLES WITH ACID-SWELLABLE SHELLS Frederick G. HUTTER
CY1511781 (CY03728998.0)	CY	2006-01-18 (2003-05-15)	CATIONIC CORE-SHELL PARTICLES WITH ACID-SWELLABLE SHELLS Frederick G. HUTTER
EP1511781 (EP03728998.0)	EP	2006-01-18 (2003-05-15)	CATIONIC CORE-SHELL PARTICLES WITH ACID-SWELLABLE SHELLS Frederick G. HUTTER
DE60303299.0 (DE60303299.0)	DE	2006-01-18 (2003-05-15)	CATIONIC CORE-SHELL PARTICLES WITH ACID-SWELLABLE SHELLS Frederick G. HUTTER

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GB1511781 (GB03728998.0)	GB	2006-01-18 (2003-05-15)	CATIONIC CORE-SHELL PARTICLES WITH ACID-SWELLABLE SHELLS Frederick G. HUTTER
(JP2004-513347)	JP	(2003-05-15)	CATIONIC CORE-SHELL PARTICLES WITH ACID-SWELLABLE SHELLS Frederick G. HUTTER
(KR10-2004-7016588)	KR	(2003-05-15)	CATIONIC CORE-SHELL PARTICLES WITH ACID-SWELLABLE SHELLS Frederick G. HUTTER
(MX2004PA010829)	MX	(2003-05-15)	CATIONIC CORE-SHELL POLYMERIC COMPOSITIONS Gamini S. Samaranayake
(RU2004131542)	RU	(2003-05-15)	CATIONIC CORE-SHELL PARTICLES WITH ACID-SWELLABLE SHELLS Frederick G. Hutter
(PCT/US2003/015721)	WO	(2003-05-15)	Core-shell polymeric compositions Gamini Saratchandra SAMARANAYAKE
(AU2003231577)	AU	(2003-05-15)	Core-shell polymeric compositions Gamini Saratchandra Samaranayake
(CA2486064)	CA	(2003-05-15)	Core-shell polymeric compositions Gamini Saratchandra SAMARANAYAKE
(CN03811053.9)	CN	(2003-05-15)	Core-shell polymeric compositions Gamini Saratchandra SAMARANAYAKE
(EP03726917.2)	EP	(2003-05-15)	Core-shell polymeric compositions Gamini Saratchandra SAMARANAYAKE

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(JP2004-506381)	JP	(2003-05-15)	Core-shell polymeric compositions Gamini S. Samaranayake
(KR10-2004-7016592)	KR	(2003-05-15)	Core-shell polymeric compositions Gamini Saratchandra SAMARANAYAKE
(RU2004131544)	RU	(2003-05-15)	Core-shell polymeric compositions Gamini S. Samaranayake
(MXPA04010831)	MX	(2003-05-15)	CORE-SHELL POLYMERIC COMPOSITIONS. GAMINI SARATCHANDRA SAMARANAYA
HK1074210 (HK05106683.4)	HK	2006-04-28 (2005-08-03)	CATIONIC CORE-SHELL PARTICLES WITH ACID-SWELLABLE SHELLS Frederick G. Hutter
(HK06101438.2)	HK	(2006-02-02)	CATIONIC CORE-SHELL POLYMERIC COMPOSITIONS Gamini S. Samaranayake
6856976 (09/728361)	US	2005-02-15 (2000-12-01)	Secured commercial transaction Robert Bible
6873976 (09/925147)	US	2005-03-29 (2001-08-08)	Secured purchasing system Robert Bible
7849619 (11/060033)	US	2010-12-14 (2005-02-16)	Enhanced identification appliance for verifying and authenticating the bearer through biometric data Walter W. Mosher
FR1485856 (FR03707507.4)	FR	2017-11-29 (2003-01-22)	ENHANCED IDENTIFICATION APPLIANCE OSWALDO PENUELA

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EP1485856 (EP03707507.4)	EP	2017-11-29 (2003-01-22)	ENHANCED IDENTIFICATION APPLIANCE OSWALDO PENUELA
GB1485856 (GB03707507.4)	GB	2017-11-29 (2003-01-22)	ENHANCED IDENTIFICATION APPLIANCE OSWALDO PENUELA
CNZL03804550.8 (CN03804550.8)	CN	2005-05-28 (2003-01-22)	Enhanced identification appliance OSWALDO PENUELA
DE60350803.0 (DE60350803.0)	DE	2017-11-29 (2003-01-22)	ENHANCED IDENTIFICATION APPLIANCE OSWALDO PENUELA
(10/101471)	US	 (2002-03-18)	Wearable identification appliance that communicates with a wireless communications network such as bluetooth Michael L. Beigel
7316358 (10/712935)	US	2008-01-08 (2003-11-12)	Identification band with adhesively attached coupling elements Mark M. Kotik
(JP2003-579160)	JP	 (2003-01-22)	ENHANCED IDENTIFICATION APPLIANCE OSWALDO PENUELA
CA2478677 (CA2478677)	CA	2008-11-18 (2003-01-22)	ENHANCED IDENTIFICATION APPLIANCE Walter W. Mosher
(MXPA04008892)	MX	 (2003-01-22)	ENHANCED IDENTIFICATION APPLIANCE. DAVID E. WANG

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(PCT/US2003/002123)	WO	(2003-01-22)	ENHANCED IDENTIFICATION APPLIANCE BELL CLARK H
(11/059793)	US	(2005-02-16)	ENHANCED IDENTIFICATION APPLIANCE HAVING A PLURALITY OF DATA SETS FOR AUTHENTICATION H. Clark Bell
7204425 (10/101219)	US	2007-04-17 (2002-03-18)	Enhanced identification appliance H. Clark Bell
AU2003209353 (AU2003209353)	AU	2008-12-18 (2003-01-22)	ENHANCED IDENTIFICATION APPLIANCE H. Clark Bell
(PCT/US2004/037080)	WO	(2004-11-04)	IDENTIFICATION BAND WITH ADHESIVELY ATTACHED COUPLING ELEMENTS MARK M. KOTIK
(PCT/US2005/004635)	WO	(2005-02-10)	PHYSICAL CONDITION OR ENVIRONMENTAL THREAT DETECTION APPLIANCE SYSTEM OSWALDO PENUELA
TWI158984 (TW090115841)	TW	2002-06-21 (2001-06-28)	Microinjector For Ejecting Droplets Of Different Sizes Chung-Cheng Chou
6789880 (10/064254)	US	2004-09-14 (2002-06-26)	Microinjector for jetting droplets of different sizes Chung-Cheng Chou
DE10228849.6 (DE10228849.6)	DE	2003-01-23 (2002-06-27)	Microinjector For Jetting Droplets Of Different Sizes Chung-Cheng Chou

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(60/206440)	US	(2000-05-22)	Multi-Level multiplexor system for networked browser Benjamin H. Andersen
6912532 (09/863095)	US	2005-06-28 (2001-05-22)	Multi-level multiplexor system for networked browser Benjamin H. Andersen
8635234 (11/141269)	US	2014-01-21 (2005-05-31)	Multi-level multiplexor system for networked browser Benjamin H. Andersen
6809728 (10/225382)	US	2004-10-26 (2002-08-21)	Three dimensional modeling apparatus Tomoya Terauchi
(JP11-326544)	JP	(1999-11-17)	Dielectric element SHIGEHARU MATSUSHITA
JP3505497 (JP2000-285667)	JP	2003-12-19 (2000-09-20)	DIELECTRIC ELEMENT SHIGEHARU MATSUSHITA
(JP2000-284892)	JP	(2000-09-20)	Dielectric element SHIGEHARU MATSUSHITA
(EP00310089.8)	EP	(2000-11-14)	Dielectric element SHIGEHARU MATSUSHITA
6720096 (09/711512)	US	2004-04-13 (2000-11-14)	Dielectric element Shigeharu Matsushita
KR10-0744280 (KR10-2000-0067936)	KR	2007-07-24 (2000-11-16)	DIELECTRIC DEVICE Shigeharu Matsushita

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(JP2000-340045)	JP	(2000-11-08)	Dielectric element and manufacturing method therefor Shigeharu Matsushita
6888189 (09/956817)	US	2005-05-03 (2001-09-21)	Dielectric element including oxide-based dielectric film and method of fabricating the same Shigeharu Matsushita
TWI188937 (TW090126022)	TW	2003-10-11 (2001-10-22)	Dielectric element Shigeharu Matsushita
(KR10-2001-0069390)	KR	(2001-11-08)	Dielectric Element And Method For Manufacturing the same Shigeharu Matsushita
(JP2001-255261)	JP	(2001-08-24)	THREE-DIMENSIONAL MODELING APPARATUS Tomoya Terauchi
JP3877514 (JP2000-361680)	JP	2006-11-10 (2000-11-28)	SYSTEM FOR MONITORING ENTRANCE AND EXIT Soichiro Makiyama
6617970 (09/989189)	US	2003-09-09 (2001-11-21)	Ingress-egress monitoring system Soichiro Makiyama
(KR10-2001-0074225)	KR	(2001-11-27)	Entrance/exit monitoring System Soichiro Makiyama
6439785 (09/781259)	US	2002-08-27 (2001-02-13)	Keyboard having changeable decoration Chung-Shen Liu
6791533 (09/893285)	US	2004-09-14 (2001-06-28)	Seamless mouse Chih-Wen Su

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7239800 (09/847633)	US	2007-07-03 (2001-05-02)	Portable player for personal video recorders Brett Bilbrey
7805051 (11/805981)	US	2010-09-28 (2007-05-25)	System and methodology for utilizing a portable media player Brett Bilbrey
8565577 (12/891621)	US	2013-10-22 (2010-09-27)	System and methodology for utilizing a portable media player Brett Bilbrey
9124852 (14/059182)	US	2015-09-01 (2013-10-21)	SYSTEM AND METHODOLOGY FOR UTILIZING A PORTABLE MEDIA PLAYER Brett Bilbrey
9819898 (14/839511)	US	2017-11-14 (2015-08-28)	System and methodology for utilizing a portable media player. Bilbrey, Brett
(60/213722)	US	 (2000-06-22)	Answering Machine Screening From All Mobiles Gerhard Siemens
7113492 (09/779014)	US	2006-09-26 (2001-02-07)	Audio broadcast in cordless digital system Gerhard Siemens
6690771 (09/884413)	US	2004-02-10 (2001-06-18)	System and method for answering machine call screening in a cordless digital system Gerhard Siemens
6781077 (09/738000)	US	2004-08-24 (2000-12-14)	Keypad and actuator structure Peter M. Cazalet
(PCT/US2001/049492)	WO	 (2001-10-26)	KEYSWITCH Peter M. Cazalet

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(10/925889)	US	(2004-08-24)	Unable to verify Unable to verify
(60/252604)	US	(2000-11-21)	Membrane switch Peter M. Cazalet
6600121 (09/989831)	US	2003-07-29 (2001-11-19)	Membrane switch John Tang
6778183 (10/193348)	US	2004-08-17 (2002-07-10)	Method And System For Adaptive Color And Contrast For Display Devices Hari Nair
7034843 (10/849537)	US	2006-04-25 (2004-05-18)	Method And System For Adaptive Color And Contrast For Display Devices Hari Nair
7046252 (10/810137)	US	2006-05-16 (2004-03-26)	Method And System For Adaptive Color And Contrast For Display Devices Hari Nair
6300964 (09/124994)	US	2001-10-09 (1998-07-30)	Method And Apparatus For Storage And Retrieval Of Digital Image Data Bruce Intihar
TWI119675 (TW087114914)	TW	2000-09-01 (1998-09-08)	Method And Apparatus For Storage And Retrieval Of Digital Image Data Bruce Intihar
KR10-0660610 (KR10-1999-0026880)	KR	2006-12-15 (1999-07-05)	Method And Apparatus For Storage And Retrieval Of Digital Image Data Bruce Intihar
EP0996088 (EP99114204.3)	EP	2014-01-22 (1999-07-26)	Method And Apparatus For Storage And Retrieval Of Digital Image Data Bruce Intihar

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DE69944984.7 (DE69944984.7)	DE	2014-01-22 (1999-07-26)	Method And Apparatus For Storage And Retrieval Of Digital Image Data Bruce Intihar
FR0996088 (FR99114204.3)	FR	2014-01-22 (1999-07-26)	Method And Apparatus For Storage And Retrieval Of Digital Image Data Bruce Intihar
GB0996088 (GB99114204.3)	GB	2014-01-22 (1999-07-26)	Method And Apparatus For Storage And Retrieval Of Digital Image Data Bruce Intihar
JP4723051 (JP11-215965)	JP	2011-04-15 (1999-07-29)	Method And Apparatus For Storage And Retrieval Of Digital Image Data Bruce Intihar
6545688 (09/592049)	US	2003-04-08 (2000-06-12)	Scanning An Image Within A Narrow Horizontal Line Frequency Range Irrespective Of The Frequency At Which The Image Is Received Graham David Loveridge
TWI152019 (TW089112275)	TW	2002-03-21 (2000-06-22)	Scanning An Image Within A Narrow Horizontal Line Frequency Range Irrespective Of The Frequency At Which The Image Is Received Graham David Loveridge
(EP01114075.3)	EP	(2001-06-09)	Scanning An Image Within A Narrow Horizontal Line Frequency Range Irrespective Of The Frequency At Which The Image Is Received Graham David Loveridge

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(EP10180581.0)	EP	(2001-06-09)	Scanning An Image Within A Narrow Horizontal Line Frequency Range Irrespective Of The Frequency At Which The Image Is Received Graham David Loveridge
(JP2001-176217)	JP	(2001-06-11)	Scanning An Image Within a Narrow Horizontal Line Frequency Range Irrespective of the Frequency at Which the Image Is received Graham David Loveridge
KR10-0772079 (KR10-2001-0032980)	KR	2007-10-25 (2001-06-12)	Scanning An Image Within A Narrow Horizontal Line Frequency Range Irrespective Of The Frequency At Which The Image Is Received Graham David Loveridge
6771837 (09/405084)	US	2004-08-03 (1999-09-27)	Method And Apparatus For Digital Image Rescaling With Adaptive Contrast Enhancement Gheorghe Berbecel
EP1093086 (EP00203305.8)	EP	2008-01-23 (2000-09-25)	Method And Apparatus For Digital Image Rescaling With Adaptive Contrast Enhancement Gheorghe Berbecel
DE60037860.8 (DE60037860.8)	DE	2008-01-23 (2000-09-25)	Method And Apparatus For Digital Image Rescaling With Adaptive Contrast Enhancement (Title in German: Verfahren und Vorrichtung zur Skalierung von numerischen Bildern mit adaptiver Kontrastverstärkung) Gheorghe Berbecel
FR1093086 (FR00203305.8)	FR	2008-01-23 (2000-09-25)	Method And Apparatus For Digital Image Rescaling With Adaptive Contrast Enhancement Gheorghe Berbecel

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GB1093086 (GB00203305.8)	GB	2008-01-23 (2000-09-25)	Method And Apparatus For Digital Image Rescaling With Adaptive Contrast Enhancement Gheorghe Berbecel
NL1093086 (NL00203305.8)	NL	2008-01-23 (2000-09-25)	Method And Apparatus For Digital Image Rescaling With Adaptive Contrast Enhancement Gheorghe Berbecel
JP4809523 (JP2000-295106)	JP	2011-08-26 (2000-09-27)	Method And Apparatus For Digital Image Rescaling With Adaptive Contrast Enhancement Gheorghe Berbecel
KR10-0745660 (KR10-2000-0056741)	KR	2007-07-27 (2000-09-27)	Method And Apparatus For Digital Image Rescaling With Adaptive Contrast Enhancement Gheorghe Berbecel
TWI150617 (TW089119961)	TW	2002-01-21 (2000-09-27)	Method And Apparatus For Digital Image Rescaling With Adaptive Contrast Enhancement Gheorghe Berbecel
6640297 (09/596280)	US	2003-10-28 (2000-06-19)	Link pipe system for storage and retrieval of sequences of branch addresses John Banning
(10/464816)	US	(2003-06-18)	Link pipe system for storage and retrieval of sequences of branch addresses John Banning
6725361 (09/595199)	US	2004-04-20 (2000-06-16)	Method and apparatus for emulating a floating point stack in a translation process Guillermo Rozas

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6622056 (09/715932)	US	2003-09-16 (2000-11-17)	Method and system for supply chain or supply network control Johan Lindell
6868544 (09/732568)	US	2005-03-15 (2000-12-08)	Method and system for general-purpose interactive notifications Siddhartha R. Dalal
(60/195969)	US	 (2000-04-11)	Method for accessing fracture surfaces of fibers failed in optical connectors Osman Gebizlioglu
6513218 (09/832693)	US	2003-02-04 (2001-04-11)	Accessing fiber fracture surfaces in fiber optic connectors Osman S. Gebizlioglu
6612006 (10/277019)	US	2003-09-02 (2002-10-21)	Apparatus for extracting a fiber from a fiber-ferrule Osman S. Gebizlioglu
6968052 (09/768417)	US	2005-11-22 (2001-01-24)	Method and apparatus for creating a presence monitoring contact list with dynamic membership John R. Wullert
RE42997 (12/001974)	US	2011-12-06 (2007-12-13)	TRIGGERED PLAYBACK OF RECORDED MESSAGES TO INCOMING TELEPHONE CALLS TO A CELLULAR PHONE John R. Wullert
(60/282833)	US	 (2001-04-10)	Method and system for delivery of mobile location information David Marples
6873258 (10/119566)	US	2005-03-29 (2002-04-10)	Location aware services infrastructure David Marples

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(60/288769)	US	(2001-05-04)	Methods for Analytically Determining Revenue of Internet Companies Using Internet Metrics Fu-Tak Dao
(10/139503)	US	(2002-05-03)	Analytically determining revenue of internet companies using internet metrics Fu-Tak Dao
8423398 (11/975532)	US	2013-04-16 (2007-10-19)	Analytically determining revenue of internet companies using internet metrics Fu-Tak Dao
(11/975533)	US	(2007-10-19)	Analytically determining revenue of internet companies using internet metrics Fu-Tak Dao
6975709 (10/616146)	US	2005-12-13 (2003-07-08)	Triggered playback of recorded messages to incoming telephone calls to a cellular phone John R. Wullert
JP4922478 (JP2000-318632)	JP	2012-02-10 (2000-10-18)	PORTABLE COMPUTER Yoshiji Tutikawa
(PCT/JP2001/009129)	WO	(2001-10-17)	PORTABLE COMPUTER Yoshiji Tutikawa
(CN01804315.1)	CN	(2001-10-17)	PORTABLE COMPUTER Yoshiji Tutikawa
EP1329797 (EP01978822.3)	EP	2016-09-21 (2001-10-17)	PORTABLE COMPUTER Yoshiji Tutikawa
DE60150121.7 (DE60150121.7)	DE	2016-09-21 (2001-10-17)	PORTABLE COMPUTER Yoshiji Tutikawa

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FR1329797 (FR01978822.3)	FR	2016-09-21 (2001-10-17)	PORTABLE COMPUTER Yoshiji Tutikawa
GB1329797 (GB01978822.3)	GB	2016-09-21 (2001-10-17)	PORTABLE COMPUTER Yoshiji Tutikawa
6909597 (10/399311)	US	2005-06-21 (2001-10-17)	PORTABLE COMPUTER Yoshiji Tutikawa
(KR10-2002-7007793)	KR	(2001-10-17)	PORTABLE COMPUTER Yoshiji Tutikawa
6596997 (09/921525)	US	2003-07-22 (2001-08-03)	Retro-reflector warm stop for uncooled thermal imaging cameras and method of using the same Charles S. Kaufman
(PCT/US2002/006848)	WO	(2002-03-04)	Retro-reflector warm stop for uncooled thermal imaging cameras and method of using the same Charles S. Kaufman
(EP02797722.2)	EP	(2002-03-04)	Retro-reflector warm stop for uncooled thermal imaging cameras and method of using the same Charles S. Kaufman
9274576 (10/802518)	US	2016-03-01 (2004-03-16)	System and method for activation of portable and mobile media player devices for wireless LAN services Craig M. Janik
CNZL200480007433.4 (CN200480007433.4)	CN	2010-09-22 (2004-03-17)	System and method for activation of portable and mobile media player devices for wireless LAN services Craig M. Janik

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DE602004047006.6 (DE602004047006.6)	DE	2015-04-15 (2004-03-17)	System and method for activation of portable and mobile media player devices for wireless LAN services Craig M. Janik
FR1620948 (FR04757592.3)	FR	2015-04-15 (2004-03-17)	System and method for activation of portable and mobile media player devices for wireless LAN services Craig M. Janik
GB1620948 (GB04757592.3)	GB	2015-04-15 (2004-03-17)	System and method for activation of portable and mobile media player devices for wireless LAN services Craig M. Janik
7768234 (11/069138)	US	2010-08-03 (2005-02-28)	System and method for automatically synchronizing and acquiring content for battery powered devices Craig M. Janik
7525289 (11/412916)	US	2009-04-28 (2006-04-27)	System and method for automatically synchronizing and acquiring content for battery-powered devices Craig M. Janik
7786705 (12/367657)	US	2010-08-31 (2009-02-09)	SYSTEM AND METHOD FOR AUTOMATICALLY SYNCHRONIZING AND ACQUIRING CONTENT FOR BATTERY-POWERED DEVICES Craig M. Janik
(60/455179)	US	 (2003-03-17)	System and method for wakeup of automotive computer system for wireless Lan services Craig M. Janik

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(60/472253)	US	(2003-05-20)	System and method for wakeup of automotive computer system for wireless Lan service with key fob activation Craig M. Janik
(60/548411)	US	(2004-02-28)	Automatic wireless synchronization method for battery powered devices Craig M. Janik
(PCT/US2004/008243)	WO	(2004-03-17)	System and method for activation of portable and mobile media player devices for wireless LAN services Craig M. Janik
(AU2004221087)	AU	(2004-03-17)	System and method for activation of portable and mobile media player devices for wireless LAN services Craig M. Janik
(CA2519531)	CA	(2004-03-17)	System and method for activation of portable and mobile media player devices for wireless LAN services Craig M. Janik
EP1620948 (EP04757592.3)	EP	2015-04-15 (2004-03-17)	System and method for activation of portable and mobile media player devices for wireless LAN services Craig M. Janik
(PCT/US2006/006079)	WO	(2006-02-22)	System and method for automatically synchronizing and acquiring content for battery-powered devices Craig M. Janik
(EP06735647.7)	EP	(2006-02-22)	System and method for automatically synchronizing and acquiring content for batter-powered devices Craig M. Janik

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(60/122727)	US	(1999-03-04)	Stand or docking station for a PDA with added functionality CRAIG M. JANIK
(60/143475)	US	(1999-07-12)	Alarm clock with link to the Internet CRAIG MATTHEW JANIK
(60/158986)	US	(1999-10-12)	Alarm clock with link to the Internet Craig M. Janik
(60/166052)	US	(1999-11-17)	Alarm clock with link to the Internet Craig M. Janik
(09/519007)	US	(2000-03-03)	Docking station for PDA with added functionality Craig M. Janik
(60/199638)	US	(2000-04-25)	System for presenting data and content from the Internet on client devices Craig Matthew Janik
7468934 (09/613322)	US	2008-12-23 (2000-07-11)	Clock with link to the Internet Craig M. Janik
(60/223872)	US	(2000-08-08)	Home pc to electronic player device content delivery system Craig Janik
(PCT/US2000/028369)	WO	(2000-10-11)	Clock with link to the Internet Craig M. Janik
(EP00970882.7)	EP	(2000-10-11)	Clock with link to the Internet Craig M. Janik

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(JP2001-530691)	JP	(2000-10-11)	Clock with link to the Internet Janik Craig M
(60/268434)	US	(2001-02-12)	System for delivering content to client devices Craig Matthew Janik
(09/841268)	US	(2001-04-24)	System for providing content, management, and interactivity for thin client devices Craig Janik
7130616 (09/924646)	US	2006-10-31 (2001-08-07)	System and method for providing content, management, and interactivity for client devices Craig M. Janik
(PCT/US2001/024933)	WO	(2001-08-08)	System and method for providing content, management, and interactivity for client devices Craig Janik
EP1310073 (EP01959676.6)	EP	2006-12-06 (2001-08-08)	System and method for providing content, management, and interactivity for client devices Craig Janik
DE60125044.3 (DE60125044.3)	DE	2006-12-06 (2001-08-08)	System and method for providing content, management, and interactivity for client devices Craig Janik
FR1310073 (FR01959676.6)	FR	2006-12-06 (2001-08-08)	System and method for providing content, management, and interactivity for client devices Craig Janik

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GB1310073 (GB01959676.6)	GB	2006-12-06 (2001-08-08)	System and method for providing content, management, and interactivity for client devices Craig Janik
IE1310073 (IE01959676.6)	IE	2006-12-06 (2001-08-08)	System and method for providing content, management, and interactivity for client devices Craig Janik
MC1310073 (MC01959676.6)	MC	2006-12-06 (2001-08-08)	System and method for providing content, management, and interactivity for client devices Craig Janik
 (JP2002-518716)	JP	 (2001-08-08)	System and method for providing content, management, and interactivity for client devices Craig M. Janik
JP5603914 (JP2012-220183)	JP	2014-08-29 (2001-08-08)	SYSTEM AND METHOD FOR PROVIDING CONTENT, MANAGEMENT, AND INTERACTIVITY FOR CLIENT DEVICES Craig M. Janik
 (KR10-2003-7001840)	KR	 (2001-08-08)	System and method for providing content, management, and interactivity for client devices Craig M. Janik
 (PCT/US2001/031996)	WO	 (2001-10-11)	System for providing content, management, and interactivity for thin client devices Craig M. Janik
 (CA2438178)	CA	 (2001-10-11)	System for providing content, management, and interactivity for thin client devices Craig M. Janik

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EP1378102 (EP01979776.0)	EP	2005-12-28 (2001-10-11)	System for providing content, management, and interactivity for thin client devices Craig M. Janik
DE60116385.0 (DE60116385.0)	DE	2005-12-28 (2001-10-11)	System for providing content, management, and interactivity for thin client devices Craig M. Janik
FR1378102 (FR01979776.0)	FR	2005-12-28 (2001-10-11)	System for providing content, management, and interactivity for thin client devices Craig M. Janik
GB1378102 (GB01979776.0)	GB	2005-12-28 (2001-10-11)	System for providing content, management, and interactivity for thin client devices Craig M. Janik
IE1378102 (IE01979776.0)	IE	2005-12-28 (2001-10-11)	System for providing content, management, and interactivity for thin client devices Craig M. Janik
LU1378102 (LU01979776.0)	LU	2005-12-28 (2001-10-11)	System for providing content, management, and interactivity for thin client devices Craig M. Janik
MC1378102 (MC01979776.0)	MC	2005-12-28 (2001-10-11)	System for providing content, management, and interactivity for thin client devices Craig M. Janik
NL1378102 (NL01979776.0)	NL	2005-12-28 (2001-10-11)	System for providing content, management, and interactivity for thin client devices Craig M. Janik
PT1378102 (PT01979776.0)	PT	2005-12-28 (2001-10-11)	System for providing content, management, and interactivity for thin client devices Craig M. Janik

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7937450 (10/775285)	US	2011-05-03 (2004-02-09)	System for providing content, management, and interactivity for thin client devices Craig M. Janik
(11/131008)	US	(2005-05-17)	System and method for providing content, management, and interactivity for client devices Craig M. Janik
(11/368871)	US	(2006-03-06)	System and method for providing content, management, and interactivity for client devices Craig M. Janik
(PCT/US2006/016861)	WO	(2006-05-02)	System for providing content, management, and interactivity for thin client devices Craig M. Janik
(EP06758940.8)	EP	(2006-05-02)	System for providing content, management, and interactivity for thin client devices Craig M. Janik
9042205 (12/246585)	US	2015-05-26 (2008-10-07)	Clock with link to the internet Craig M. Janik
7107549 (10/145576)	US	2006-09-12 (2002-05-13)	Method and system for creating and distributing collaborative multi-user three-dimensional websites for a computer system (3D Net Architecture) Kenneth Deaton
(60/290291)	US	(2001-05-11)	3D graphical user interface technology Deaton, Kenneth

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(10/145567)	US	(2002-05-13)	Method and system for automatically creating and displaying a customizable three-dimensional graphical user interface (3D GUI) for a computer system Kenneth Deaton
(PCT/IB2002/002749)	WO	(2002-05-13)	Method and system for generating a three-dimensional graphical user interface (3D GUI) for computer systems and websites Kenneth Deaton
(60/164095)	US	(1999-11-08)	Algebraic soft-decision decoding of reed-solomon codes Ralf Koetter
6634007 (09/602914)	US	2003-10-14 (2000-06-23)	Algebraic soft decoding of reed-solomon codes Ralf Koetter
(PCT/US2000/030189)	WO	(2000-10-26)	Algebraic soft-decision decoding of reed-solomon codes Ralf Koetter
6920373 (10/123044)	US	2005-07-19 (2002-04-15)	Synchronization and task control of real-time internet based super-media Ning Xi
(60/283695)	US	(2001-04-13)	Synchronization and task control of real-time internet based super-media Ning Xi
6597967 (09/795573)	US	2003-07-22 (2001-02-28)	System and method for planning a tool path along a contoured surface Ning Xi
(PCT/US2002/005927)	WO	(2002-02-27)	System and method for planning a tool path along a contoured surface Ning Xi

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
6456901 (09/838894)	US	2002-09-24 (2001-04-20)	Hybrid robot motion task level control system Ning Xi
(PCT/US2002/012462)	WO	 (2002-04-19)	Hybrid robot motion task level control system Ning Xi
(AU66772/01)	AU	 (2001-06-08)	Messaging and promotion for digital audio media players Mark S. Cohen
(EP01944350.6)	EP	 (2001-06-08)	Messaging and promotion for digital audio media players Mark S. Cohen
JP4958375 (JP2002-511333)	JP	2012-03-30 (2001-06-08)	Messaging and promotion for digital audio media players Mark S. Cohen
(PCT/US2001/018505)	WO	 (2001-06-08)	Messaging and promotion for digital audio media players Mark S. Cohen
7046956 (09/590489)	US	2006-05-16 (2000-06-09)	Messaging and promotion for digital audio media players Marc S. Cohen
CA2409348 (CA2409348)	CA	2010-08-24 (2001-06-08)	Messaging and promotion for digital audio media players Mark S. Cohen
(GB0022679.5)	GB	 (2000-09-15)	Control device Nicholas Healey
GB2366855 (GB0122389.0)	GB	2004-12-29 (2001-09-17)	Control device for a computer or the like Nicholas Healey

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(09/953441)	US	(2001-09-17)	Control device Nicholas Healey
7277082 (10/816941)	US	2007-10-02 (2004-04-05)	Control device Nicholas Healey
6993769 (10/230777)	US	2006-01-31 (2002-08-29)	System and method for replacing underlying connection-based communication mechanisms in real time systems at run-time Peter Simonson
(PCT/US2003/027080)	WO	(2003-08-28)	System and method for replacing underlying connection-based communication mechanisms in real time systems at run-time Peter Simonson
AU265838 (AU2003265838)	AU	(2003-08-28)	System and method for replacing underlying connection-based communication mechanisms in real time systems at run-time Peter Simonson
(EP03791936.2)	EP	(2003-08-28)	System and method for replacing underlying connection-based communication mechanisms in real time systems at run-time Peter Simonson
KR10-0477158 (KR10-2001-0080476)	KR	2005-03-08 (2001-12-18)	CMOS IMAGE SENSOR WITH DIGITAL-ANALOG CONVERTER Chang-Min Bae
6831580 (10/213810)	US	2004-12-14 (2002-08-07)	Digital-To-Analog Converter With Linear Amplification Rate Chang-Min Bae
JP4133295 (JP2002-366967)	JP	2008-06-06 (2002-12-18)	CMOS type image sensor Chang-Min Bae

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(JP2002-366937)	JP	(2002-12-18)	Digital/Analog Converter Chang-Min Bae
KR10-0339433 (KR10-1999-0067468)	KR	2002-05-22 (1999-12-30)	Metal Layer Of Semiconductor Device And Method For Forming The Same Dae Geun Yang
6352877 (09/696200)	US	2002-03-05 (2000-10-26)	Metal Layer In Semiconductor Device And Method For Fabricating The Same Dae Geun Yang
6720653 (09/987743)	US	2004-04-13 (2001-11-15)	Metal Layer In Semiconductor Device Including A Planar Stuffed Layer And An Insulating Film With A Projection And Method For Fabricating The Same Dae Geun Yang
KR10-0487412 (KR10-2002-0057804)	KR	2005-04-26 (2002-09-24)	Method For Fabricating Semiconductor Devices Jae Han Cha
6815305 (10/318158)	US	2004-11-09 (2002-12-13)	Method For Fabricating Semiconductor Devices Jae Han Cha
JP3670949 (JP2000-293768)	JP	2005-04-22 (2000-09-27)	Flat light source device Koji Mabuchi
TWI182396 (TW090120842)	TW	2003-07-11 (2001-08-24)	Surface light source device Koji Mabuchi
6679613 (09/962451)	US	2004-01-20 (2001-09-26)	SURFACE LIGHT SOURCE DEVICE Koji Mabuchi
7257766 (09/605987)	US	2007-08-14 (2000-06-29)	SITE FINDING Moshe Koppel

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(11/878254)	US	(2007-07-23)	SITE FINDING Moshe Koppel
(KR10-2001-0013214)	KR	(2001-03-14)	MULTI-LAYER IMAGE DISPLAY SYSTEM AND METHOD THEREOF Jung Young Son
6593994 (09/866684)	US	2003-07-15 (2001-05-30)	MULTI-LAYER IMAGE DISPLAY SYSTEM AND METHOD THEREOF Jung Young Son
JP3665589 (JP2001-183244)	JP	2005-04-08 (2001-06-18)	MULTILAYER VIDEO DISPLAY SYSTEM AND DISPLAY METHOD THEREFOR Jung Young Son
KR10-0389249 (KR10-2000-0023181)	KR	2003-06-16 (2000-04-29)	MULTI VIEW IMAGE DISPLAY SYSTEM Jung Young Son
6606078 (09/842861)	US	2003-08-12 (2001-04-27)	MULTI-VIEW IMAGE DISPLAY SYSTEM Jung Young Son
(JP2001-134260)	JP	(2001-05-01)	MULTI-VIEW POINT VIDEO DISPLAY SYSTEM Jung Young Son
6792383 (09/848470)	US	2004-09-14 (2001-05-03)	PASSIVE RANGING SYSTEM AND METHOD Joseph R. Brouillard
RE43392 (12/651865)	US	2012-05-15 (2010-01-04)	Capability spoofing using a local proxy server Patrick Meenan
7315886 (10/330554)	US	2008-01-01 (2002-12-30)	Capability spoofing using a local proxy server Patrick Meenan

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6744528 (09/728237)	US	2004-06-01 (2000-11-30)	METHOD AND SYSTEM FOR REMOTE PRINTING OF DOCUMENTS Cheryl L. Picoult
(PCT/US2001/044605)	WO	 (2001-11-29)	METHOD AND SYSTEM FOR REMOTE PRINTING OF DOCUMENTS CHERYL L. PICOULT
TWI149961 (TW090107445)	TW	2002-01-21 (2001-03-28)	ESD Protection Circuit For Mixed-Voltage I/O By Using Stacked NMOS Transistors With Substrate Triggering Technique Wen-Yu Lo
6657835 (09/874996)	US	2003-12-02 (2001-06-07)	ESD Protection Circuit For Mixed-Voltage I/O By Using Stacked NMOS Transistors With Substrate Triggering Technique Wen-Yu Lo
7102643 (10/234696)	US	2006-09-05 (2002-09-04)	Method and apparatus for controlling the visual presentation of data Mike R. Moore
(60/345029)	US	 (2001-11-09)	Globally-defined style guides Mike R. Moore
(60/345096)	US	 (2001-11-09)	Automatic selection of video transitions Mike R. Moore
(PCT/JP2002/011713)	WO	 (2002-11-11)	Method and apparatus for controlling the visual presentation of data Mike R. Moore
7158598 (09/981903)	US	2007-01-02 (2001-10-19)	Method and device for identifying a data packet in a data stream Markus Schetelig

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7170872 (10/201628)	US	2007-01-30 (2002-07-24)	Reserving quality of service in wireless telecommunication system Sami Uskela
7848741 (10/747220)	US	2010-12-07 (2003-12-30)	Method and system for interference detection Kalle Kivekas
7028176 (10/442945)	US	2006-04-11 (2003-05-22)	System for booting distributed processor architecture by loading boot software via ethernet to sub-unit after main unit is booted and released the sub-unit from reset Sami Aspegren
8072929 (11/649713)	US	2011-12-06 (2007-01-03)	Method, apparatus, software and system for handling intercell interference Frank Frederiksen
(DE10051889.3)	DE	 (2000-10-19)	Method and device for identifying a data packet in a data stream Markus Schetelig
(PCT/EP2001/011253)	WO	 (2001-09-28)	Method and device for identifying a data packet in a data stream Markus Schetelig
(FI20000138)	FI	 (2000-01-24)	Improving the quality of telecommunications and the telecommunications system Sami Uskela
(PCT/FI2001/000057)	WO	 (2001-01-23)	Reserving quality of service in wireless telecommunication system Sami Uskela
EP1252789 (EP01902449.6)	EP	2007-09-05 (2001-01-23)	Reserving quality of service in wireless telecommunication system Sami Uskela

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DE60130318.0 (DE60130318.0)	DE	2008-05-29 (2001-01-23)	Reserving quality of service in wireless telecommunication system Sami Uskela
GB1252789 (GB01902449.6)	GB	2007-09-05 (2001-01-23)	Reserving quality of service in wireless telecommunication system Sami Uskela
(PCT/EP2002/000639)	WO	 (2002-01-15)	Rescue beacon Christian Zechlin
CNZL02827163.7 (CN02827163.7)	CN	2007-11-07 (2002-01-15)	Rescue beacon Christian Zechlin
EP1466447 (EP02703569.0)	EP	2007-09-19 (2002-01-15)	Rescue beacon Christian Zechlin
DE60222587.6 (DE60222587.6)	DE	2007-09-19 (2002-01-15)	Rescue beacon Christian Zechlin
FR1466447 (FR02703569.0)	FR	2007-09-19 (2002-01-15)	Rescue beacon Christian Zechlin
GB1466447 (GB02703569.0)	GB	2007-09-19 (2002-01-15)	Rescue beacon Christian Zechlin
KR10-0862954 (KR10-2004-7010732)	KR	2008-10-06 (2004-07-09)	Rescue beacon Christian Zechlin
7483677 (10/501249)	US	2009-01-27 (2002-01-15)	Rescue beacon Christian Zechlin
(EP04030752.2)	EP	 (2004-12-24)	Method and system for interference detection Kalle Kivekas

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(FI20011881)	FI	(2001-09-25)	Method of booting distributed processor architecture of a base station, and a base station Sami Aspegren
(PCT/FI2002/000766)	WO	(2002-09-24)	Method of booting distributed processor architecture of a base station, and a base station Sami Aspegren
(60/756119)	US	(2006-01-03)	Method for handling intercell interference Frank Frederiksen
(PCT/IB2007/000008)	WO	(2007-01-03)	Method for retransmission during intercell interference Frank Frederiksen
7231651 (09/881815)	US	2007-06-12 (2001-06-18)	System and method for insertion and modification of advertisements Ta-Ching Pong
(PCT/US2002/016576)	WO	(2002-06-17)	System and method for insertion and modification of advertisements Ta-Ching Pong
(AU2002322015)	AU	(2002-06-17)	System and method for insertion and modification of advertisements Ta-Ching Pong
(CA2450192)	CA	(2002-06-17)	System and method for insertion and modification of advertisements Ta-Ching Pong
6983246 (10/152447)	US	2006-01-03 (2002-05-21)	Dynamic time warping using frequency distributed distance measures Veton Z. Kepuska

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(PCT/US2003/015900)	WO	(2003-05-21)	Frequency distribution of minimum vector distance for dynamic time warping Veton Z. Kepuska
(AT7290/2003)	AT	(2003-05-21)	Dynamic time warping of speech Veton Z. Kepuska
(CA2486204)	CA	(2003-05-21)	Frequency distribution of minimum vector distance for dynamic time warping Veton Z. Kepuska
EP1514258 (EP03729040.0)	EP	2006-08-16 (2003-05-21)	Frequency distribution of minimum vector distance for dynamic time warping Veton Z. Kepuska
DE60307633.5 (DE60307633.5)	DE	2006-08-16 (2003-05-21)	Frequency distribution of minimum vector distance for dynamic time warping Veton Z. Kepuska
FR1514258 (FR03729040.0)	FR	2006-08-16 (2003-05-21)	Frequency distribution of minimum vector distance for dynamic time warping Veton Z. Kepuska
GB1514258 (GB03729040.0)	GB	2006-08-16 (2003-05-21)	Frequency distribution of minimum vector distance for dynamic time warping Veton Z. Kepuska
IE1514258 (IE03729040.0)	IE	2006-08-16 (2003-05-21)	Frequency distribution of minimum vector distance for dynamic time warping Veton Z. Kepuska
(AU2003233603)	AU	(2003-05-23)	Frequency distribution of minimum vector distance for dynamic time warping Veton Z. Kepuska

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
6982640 (10/301883)	US	2006-01-03 (2002-11-21)	RFID system and method for tracking food freshness Jeff Lindsay
(MXPA03008779)	MX	 (2003-09-26)	RFID system and method for tracking food freshness Lindsay, Jeffrey Dean
FII10656 (FI20001165)	FI	2003-02-28 (2000-05-15)	CONTROLLING SETUP OR CONTINUATION OF A CALL CHARGED FROM A PREPAID GROUP ACCOUNT Jesper Edelbo Bekkevold
(PCT/FI2001/000466)	WO	 (2001-05-14)	CONTROLLING SETUP OR CONTINUATION OF A CALL CHARGED FROM A PREPAID GROUP ACCOUNT Jesper Edelbo Bekkevold
(EP01934050.4)	EP	 (2001-05-14)	CONTROLLING SETUP OR CONTINUATION OF A CALL CHARGED FROM A PREPAID GROUP ACCOUNT Jesper Edelbo Bekkevold
6741686 (10/030938)	US	2004-05-25 (2001-05-14)	Controlling setup or continuation of a call charged from a pre-paid group account Jesper Edelbo Bekkevold
(60/161681)	US	 (1999-10-26)	Modifications in the multi-band excitation (MBE) model for generating high quality speech at low bit rates Manoj Kumar Singhal
6963833 (09/697276)	US	2005-11-08 (2000-10-26)	Modifications in the multi-band excitation (MBE) model for generating high quality speech at low bit rates Manoj Kumar Singhal

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(60/184781)	US	(2000-02-24)	Industrial scale printer Timothy Snape
(PCT/US2001/006205)	WO	(2001-02-26)	DIGITAL PRESS Timothy Snape
6722801 (10/205000)	US	2004-04-20 (2002-08-23)	DIGITAL PRESS Timothy Snape
7197578 (10/186937)	US	2007-03-27 (2002-06-28)	Power management system for bridge circuit Daniel G. Jacobs
(JP2001-205634)	JP	(2001-07-06)	Audio amplifier Mamoru Kitamura
TWI201276 (TW091114543)	TW	2004-05-01 (2002-07-01)	Audio amplifier Mamoru Kitamura
(PCT/JP2002/006782)	WO	(2002-07-04)	Audio amplifier MAMORU KITAMURA
6844777 (10/725290)	US	2005-01-18 (2003-12-02)	Audio amplifier Mamoru Kitamura
6937092 (10/711382)	US	2005-08-30 (2004-09-15)	Audio amplifier Mamoru Kitamura
7210039 (10/380365)	US	2007-04-24 (2001-09-14)	Digital rights management Alastair Rodgers
(GB0022560.7)	GB	(2000-09-14)	Digital rights management Alastair Rodgers

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(AU87864/01)	AU	(2001-09-14)	Digital rights management Alastair Rodgers
(EP01967489.4)	EP	(2001-09-14)	Digital rights management Alastair Rodgers
(PCT/GB2001/004133)	WO	(2001-09-14)	Digital rights management Alastair Rodgers
JP4950376 (JP2000-339477)	JP	2012-03-16 (2000-11-07)	Multi-display device Kazuya Yamanaka
6637887 (09/998865)	US	2003-10-28 (2001-11-02)	Multi-display device Kazuya Yamanaka
JP3497805 (JP2000-259427)	JP	2003-11-28 (2000-08-29)	Image projection display device Ken Ioka
6558006 (09/927563)	US	2003-05-06 (2001-08-10)	Image projection display apparatus using plural projectors and projected image compensation apparatus Ken Ioka
(60/177649)	US	(2000-01-27)	Order matching system Gloriana Marks de Chabris
7110975 (09/770108)	US	2006-09-19 (2001-01-25)	Order matching system Gloriana Marks de Chabris
(CA2332498)	CA	(2001-01-26)	Order Matching System Andrew Marks de Chabris
(GB0102094.0)	GB	(2002-01-26)	Computer based order matching system Andrew Marks de Chabris

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(11/532660)	US	(2006-09-18)	Order Matching System Andrew Marks de Chabris
8108294 (12/719537)	US	2012-01-31 (2010-03-08)	Order Matching System Andrew Marks de Chabris
6581064 (09/598345)	US	2003-06-17 (2000-06-21)	Software tool for creating databases Bhargav Senjalia
7292991 (10/434795)	US	2007-11-06 (2003-05-09)	Disambiguating point-of-sale data through item indexing Robert J Peressini
8630909 (11/616700)	US	2014-01-14 (2006-12-27)	Disambiguating point-of-sale data through item indexing Robert J Peressini
(PCT/US2004/014495)	WO	(2004-05-10)	Disambiguating point-of-sale data through item indexing Robert J Peressini
(14/085800)	US	(2013-11-21)	Disambiguating point-of-sale data through item indexing Robert J Peressini
7359892 (10/495977)	US	2008-04-15 (2002-12-04)	Method and apparatus providing database inquiry services by dynamically creating intelligent links for refining a search Vesa-Matti Jokinen, Juha Tammela
(FI20012416)	FI	(2001-12-07)	A METHOD AND A SERVER PROVIDING DATABASE INQUIRY SERVICES Vesa-Matti Jokinen

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(PCT/FI2002/000988)	WO	(2002-12-04)	A METHOD AND A SERVER PROVIDING DATABASE INQUIRY SERVICES Vesa-Matti Jokinen
(CN02824385.4)	CN	(2002-12-04)	A METHOD AND A SERVER PROVIDING DATABASE INQUIRY SERVICES Vesa-Matti Jokinen
(EP02783126.2)	EP	(2002-12-04)	A METHOD AND A SERVER PROVIDING DATABASE INQUIRY SERVICES Vesa-Matti Jokinen
7003569 (09/812505)	US	2006-02-21 (2001-03-20)	Follow-up notification of availability of requested application service and bandwidth between client(s) and server(s) over any network Garg, Gopal K.
6976105 (10/317775)	US	2005-12-13 (2002-12-11)	Apparatus and method for attaching multiple devices to a host David G. Wright
6406971 (09/799909)	US	2002-06-18 (2001-03-06)	Fabrication Method For An Embedded Dynamic Random Access Memory (DRAM) Sun-Chieh Chien: Chien-Li Kuo
TWI156262 (TW089127057)	TW	2002-05-21 (2000-12-18)	Manufacturing Method Of Embedded DRAM Sun-Chieh Chien: Chien-Li Kuo
TWI177228 (TW090107380)	TW	2003-05-01 (2001-03-28)	Data backup method of portable phone and portable phone and data backup apparatus of portable phone SHINJI AOYAMA

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JP3404353 (JP2000-100017)	JP	2003-02-28 (2000-03-31)	DATA BACKUP METHOD FOR MOBILE TELEPHONE SET, THE MOBILE TELEPHONE SET AND DATA BACKUP DEVICE FOR THE MOBILE TELEPHONE SET SHINJI AOYAMA
(CN01801468.2)	CN	 (2001-03-29)	Cellular telephone, and method and apparatus for backup of data of cellular telephone SHINJI AOYAMA
(EP01917645.2)	EP	 (2001-03-29)	CELLULAR TELEPHONE, AND METHOD AND APPARATUS FOR BACKUP OF DATA OF CELLULAR TELEPHONE SHINJI AOYAMA
(KR10-2001-7015306)	KR	 (2001-03-29)	Cellular telephone, and method and apparatus for backup of data of cellular telephone SHINJI AOYAMA
7107043 (09/980056)	US	2006-09-12 (2001-03-29)	Cellular telephone, and method and apparatus for backup of data of cellular telephone Shinji Aoyama
(PCT/JP2001/002685)	WO	 (2001-03-29)	CELLULAR TELEPHONE, AND METHOD AND APPARATUS FOR BACKUP OF DATA OF CELLULAR TELEPHONE Shinji Aoyama
(60/172980)	US	 (1999-12-20)	Preview Button Jayne B Roderick
6976215 (09/918789)	US	2005-12-13 (2001-07-27)	Pushbutton user interface with functionality preview Jayne B Roderick

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7191401 (11/248631)	US	2007-03-13 (2005-10-11)	Pushbutton user interface with functionality preview Jayne B Roderick
(09/740587)	US	 (2000-12-18)	Preview Button Jayne B Roderick
(PCT/IL2000/000474)	WO	 (2000-08-04)	MODEL-BASED VIDEO CODER Yair Mann
(IL147787)	IL	 (2000-08-04)	MODEL-BASED VIDEO CODER Yair Mann
(KR10-2002-7001560)	KR	 (2000-08-04)	Model-Based Video Coder Yair Mann
(JP2001-515629)	JP	 (2000-08-04)	Model-Based Video Coder Yair Mann
(60/147419)	US	 (1999-08-06)	3D Animations Daniel Cohen-Or, Yair Mann, Shachar Fleishman, Assaf Monsa, Yehuda Shemer, Uri Arad
6330281 (09/629514)	US	2001-12-11 (2000-08-01)	Model-based view extrapolation for interactive virtual reality systems Yair Mann
(CA2381457)	CA	 (2000-08-04)	MODEL-BASED VIDEO CODER URI ARAD
(EP00951814.3)	EP	 (2000-08-04)	MODEL-BASED VIDEO CODER URI ARAD

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6921965 (10/175628)	US	2005-07-26 (2002-06-20)	Die surface magnetic field shield Oindrila Ray
6620715 (10/112782)	US	2003-09-16 (2002-03-29)	Method for forming sub-critical dimension structures in an integrated circuit Alain P. Blossie
7103571 (10/058312)	US	2006-09-05 (2002-01-30)	Electronic settlement system using prepaid type electronic money Hiroya Seshimo
(JP2001-199028)	JP	 (2001-06-29)	PREPAID ELECTRONIC MONEY-ASSOCIATED SYSTEM AND ITS CONTROL PROGRAM HASEBE SHINOBU
KR10-0923038 (KR10-2002-0016174)	KR	2009-10-15 (2002-03-25)	ELECTRONIC SETTLEMENT SYSTEM USING PREPAID TYPE ELECTRONIC MONEY HASEBE SHINOBU
CNZL200410075261.6 (CN200410075261.6)	CN	2008-08-06 (2002-04-18)	Liquid crystal display device and portable electronic apparatus using the same Katsumasa Yoshii
6912028 (10/459926)	US	2005-06-28 (2003-06-12)	Liquid crystal display device with improved viewing angle properly and portable electronic apparatus using the same Katsumasa Yoshii
6606139 (10/126940)	US	2003-08-12 (2002-04-18)	Liquid crystal display device with improved viewing angle property and portable electronic apparatus using the same Katsumasa Yoshii

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TWI184855 (TW091105055)	TW	2003-08-21 (2002-03-18)	Liquid crystal display device with improved viewing angle property and portable electronic apparatus using the same Katsumasa Yoshii
JP4001871 (JP2004-038283)	JP	2007-08-24 (2004-02-16)	Liquid crystal display device and portable electronic apparatus Katsumasa Yoshii
CNZL02105700.1 (CN02105700.1)	CN	2005-02-16 (2002-04-18)	Liquid crystal display unit with improved visual angle characteristic and portable electronic equipment using it Katsumasa Yoshii
6924786 (09/870295)	US	2005-08-02 (2001-05-29)	Active-matrix liquid crystal display suitable for high-definition display, and driving method thereof Hiroyuki Hebiguchi
6788371 (10/201479)	US	2004-09-07 (2002-07-23)	Semitransparent reflective liquid crystal display device having decreased number of phase difference and polarizing plates and having reflector with concave portions on outer surface of transparent substrate Tetsushi Tanada
6606099 (09/884892)	US	2003-08-12 (2001-06-18)	Display device for creating intermediate gradation levels in pseudo manner and image signal processing method Yukimitsu Yamada
JP3748786 (JP2001-111696)	JP	2005-12-09 (2001-04-10)	Display device and image signal processing method Yukimitsu Yamada
6587174 (09/616868)	US	2003-07-01 (2000-07-14)	Active matrix type liquid crystal display Akira Nakano

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
KR10-0450693 (KR10-2002-0043490)	KR	2004-09-20 (2002-07-24)	Liquid crystal display apparatus Tetsushi Tanada
6618097 (09/636245)	US	2003-09-09 (2000-08-10)	Image display apparatus and contour detecting circuit provided therein Yukimitsu Yamada
6624825 (09/611435)	US	2003-09-23 (2000-07-06)	Pixel resolution converting circuit and image display device using the same Tatsumi Fujiyoshi
6621886 (10/038181)	US	2003-09-16 (2001-10-23)	Shift register having fewer lines therein, and liquid crystal display having the same Ken Kawahata
GB1234452 (GB00968538.9)	GB	2008-08-13 (2000-09-29)	Dynamic visual registration of a 3-D object with a graphical model VENKATARAMAN SUNDARESWARAN
(PCT/US2000/027039)	WO	(2000-09-29)	DYNAMIC VISUAL REGISTRATION OF A 3-D OBJECT WITH A GRAPHICAL MODEL VENKATARAMAN SUNDARESWARAN
CA2374807 (CA2374807)	CA	2003-02-18 (2000-09-29)	DYNAMIC VISUAL REGISTRATION OF A 3-D OBJECT WITH A GRAPHICALMODEL VENKATARAMAN SUNDARESWARAN
FR1234452 (FR00968538.9)	FR	2008-08-13 (2000-09-29)	Dynamic visual registration of a 3-D object with a graphical model VENKATARAMAN SUNDARESWARAN
6330356 (09/407928)	US	2001-12-11 (1999-09-29)	Dynamic visual registration of a 3-D object with a graphical model VENKATARAMAN SUNDARESWARAN

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DE60039907.9 (DE60039907.9)	DE	2008-08-13 (2000-09-29)	Dynamic visual registration of a 3-D object with a graphical model VENKATARAMAN SUNDARESWARAN
EPI234452 (EP00968538.9)	EP	2008-08-13 (2000-09-29)	DYNAMIC VISUAL REGISTRATION OF A 3-D OBJECT WITH A GRAPHICAL MODEL VENKATARAMAN SUNDARESWARAN
JP4234343 (JP2001-527573)	JP	2008-12-19 (2000-09-29)	Dynamic visual registration of a 3-D object with a graphical model VENKATARAMAN SUNDARESWARAN
(60/103089)	US	(1998-10-05)	METHOD AND APPARATUS FOR FACILITATING USE OF HYPERTEXT LINKS ON THE WORLD WIDE WEB Julius O Smith
6772139 (09/412248)	US	2004-08-03 (1999-10-05)	Method and apparatus for facilitating use of hypertext links on the world wide web Julius O Smith III
7233950 (10/681621)	US	2007-06-19 (2003-10-07)	Method and apparatus for facilitating use of hypertext links on the world wide web Julius O Smith III
7877407 (11/707788)	US	2011-01-25 (2007-02-15)	Method and apparatus for facilitating use of hypertext links on the World Wide Web Julius O Smith III
(12/925809)	US	(2010-10-29)	Method and apparatus for facilitating use of hypertext links on the world wide web Julius O. Smith, III
6775124 (10/300767)	US	2004-08-10 (2002-11-21)	Micro-gap gas filled dielectric capacitor William S.H. Cheung

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(PCT/IB2002/005144)	WO	(2002-11-14)	A micro-gap gas filled dielectric capacitor William S.H. Cheung
(09/987395)	US	(2001-11-14)	Micro-gap gas filled dielectric capacitor William S.H. Cheung
7519237 (10/469611)	US	2009-04-14 (2002-02-28)	Method for characterizing stored information JOACHIM GLOGER
(DE10110275.5)	DE	(2001-03-02)	Method for semi-automatic recognition or classification of random sample patterns in which a pattern is first accessed by a computer system and a suggestion made, with the suggestion accepted or rejected by an operator JOACHIM GLOGER
(PCT/EP2002/002171)	WO	(2002-02-28)	METHOD FOR THE IDENTIFICATION OF STORED INFORMATION JOACHIM GLOGER
(EP02737874.4)	EP	(2002-02-28)	METHOD FOR THE IDENTIFICATION OF STORED INFORMATION JOACHIM GLOGER
(JP2002-584249)	JP	(2002-02-28)	Method for semi-automatic recognition or classification of random sample patterns in which a pattern is first accessed by a computer system and a suggestion made, with the suggestion accepted or rejected by an operator JOACHIM GLOGER
6585250 (09/711084)	US	2003-07-01 (2000-11-14)	Document separating apparatus Sidney Hsiao
6734996 (09/669881)	US	2004-05-11 (2000-09-27)	Scanning apparatus capable of automatically powering on Paul Lee

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6933928 (09/618924)	US	2005-08-23 (2000-07-18)	Electronic book player with audio synchronization Scott E. Lilienthal
JP4398192 (JP2003-282297)	JP	2009-10-30 (2003-07-30)	DATA PROCESSING METHOD AND SYSTEM Warren Keith Edwards
7433915 (10/212376)	US	2008-10-07 (2002-08-01)	System and method for controlling communication Warren Keith Edwards
JP4532861 (JP2003-283429)	JP	2010-06-18 (2003-07-31)	SYSTEM AND METHOD FOR CONTROLLING COMMUNICATION Warren Keith Edwards
7367029 (10/212375)	US	2008-04-29 (2002-08-01)	METHOD AND SYSTEM FOR HANDLING DATA Warren Keith Edwards
6184789 (09/337659)	US	2001-02-06 (1999-06-22)	METHOD AND APPARATUS FOR VISUALLY DETERMINING OBJECT LOCATION EDWARD A. RICHLEY. MARK D. WEISER
JP4791620 (JP2000-179831)	JP	2011-07-29 (2000-06-15)	OBJECT PROBING DEVICE EDWARD A. RICHLEY. MARK D. WEISER
7296042 (09/838933)	US	2007-11-13 (2001-04-20)	SYSTEM AND METHOD FOR ENABLING COMMUNICATION AMONG ARBITRARY COMPONENTS Warren Keith Edwards

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(JP2002-093413)	JP	(2002-03-29)	SYSTEM AND METHOD FOR ALLOWING AT LEAST ONE ARBITRARY COMPONENT TO COMMUNICATE WITH EACH OTHER AND COMPUTER READABLE MEDIUM Warren Keith Edwards
(EP02008764.9)	EP	(2002-04-18)	System and method for enabling communication among arbitrary components Warren Keith Edwards
7184797 (10/036304)	US	2007-02-27 (2001-12-28)	Data transfer rate display selection Tara A. Burnhouse
7565176 (11/652175)	US	2009-07-21 (2007-01-10)	Data transfer rate display selection Tara A. Burnhouse
RE43585 (13/188052)	US	2012-08-14 (2011-07-21)	Data transfer rate display selection Tara A. Burnhouse
7565328 (11/978442)	US	2009-07-21 (2007-10-29)	System and method for determining and/or transmitting and/or establishing communication with a mobile device user for providing, for example, concessions, tournaments, competitions, matching, reallocating, upgrading, selling tickets, and other event admittance means, goods and/or services Irah H. Donner
7617159 (11/876140)	US	2009-11-10 (2007-10-22)	System and method for interactive messaging and/or allocating and/or upgrading and/or rewarding tickets, other event admittance means, goods and/or services Irah H. Donner

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7280975 (11/028827)	US	2007-10-09 (2005-01-05)	SYSTEM AND METHOD FOR DETERMINING AND/OR TRANSMITTING AND/OR ESTABLISHING COMMUNICATION WITH A MOBILE DEVICE USER FOR PROVIDING, FOR EXAMPLE, CONCESSIONS, TOURNAMENTS, COMPETITIONS, MATCHING, REALLOCATING, UPGRADING, SELLING TICKETS, OTHER EVENT ADMITTANCE MEANS, G Irah H. Donner
(12/481138)	US	(2009-06-09)	System and method for reallocating and/or upgrading and/or selling tickets, other event admittance means, goods and/or services Unable to verify
(60/220218)	US	(2000-07-24)	System and method for reallocating and/or upgrading tickets or other event admittance means Irah H. Donner
7577575 (12/022393)	US	2009-08-18 (2008-01-30)	System method reallocating and/or upgrading and/or selling tickets, other event admittance means, goods and/or services Irah H. Donner
7415424 (11/639041)	US	2008-08-19 (2006-12-14)	System and method for reallocating and/or upgrading and/or selling tickets, other event admittance means, goods and/or services Irah H. Donner
7203665 (11/347990)	US	2007-04-10 (2006-02-06)	System and method for interactive messaging and/or allocating and/or upgrading and/or rewarding tickets, other event admittance means, goods and/or services Irah H. Donner

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7216109 (10/697089)	US	2007-05-08 (2003-10-31)	System and method for reallocating and/or upgrading and/or selling tickets, other event admittance means, goods and/or services Irah H. Donner
(12/481191)	US	 (2009-06-09)	Unable to Verify Irah H. Donner
7577619 (11/877807)	US	2009-08-18 (2007-10-24)	System method reallocating and/or upgrading and/or selling tickets, other event admittance means, goods and/or services Irah H. Donner
(60/534096)	US	 (2004-01-05)	System and method for providing trivia tournaments, competitions, matching, reallocating, upgrading, selling tickets, other event admittance means, goods and/or services Irah H. Donner
(60/548951)	US	 (2004-03-02)	System and method for determining and/or transmitting and/or establishing communication with a mobile device user by building and/or acquiring and/or collecting mobile contact addresses of users for providing, for example, dating, trivia tournaments, competitions, matching, reallocating, upgrading, selling tickets, other event admittance means, goods and/or services Abraham I. Reifer
7562028 (12/011599)	US	2009-07-14 (2008-01-28)	System and method for determining and/or transmitting and/or establishing communication with a mobile device user for providing, for example, concessions, tournaments, competitions, matching, reallocating, upgrading, selling tickets, and other event admittance mean Irah H. Donner

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7529713 (12/018593)	US	2009-05-05 (2008-01-23)	System and method for interactive messaging and/or allocating and/or upgrading and/or rewarding tickets, other event admittance means, goods and/or services Irah Donner
7162454 (10/648723)	US	2007-01-09 (2003-08-27)	System and method for reallocating and/or upgrading and/or selling tickets, other even admittance means, goods and/or services Irah H. Donner
(60/599010)	US	(2004-08-06)	System and method for determining and/or transmitting and/or establishing communication with a mobile device user for providing, for example, concessions, tournaments, competitions, matching, reallocating, upgrading, selling tickets, other event admittance means, goods and/or services Abraham I. Reifer
(12/556093)	US	(2009-09-09)	System and method for interactive messaging and/or allocating and/or upgrading and/or rewarding tickets, other event admittance means, goods and/or services Irah H. Donner
7379891 (11/605923)	US	2008-05-27 (2006-11-28)	System and method for reallocating and/or upgrading and/or selling tickets, other event admittance means, goods and/or services Irah H. Donner
7577620 (11/978113)	US	2009-08-18 (2007-10-26)	System and method for reallocating and/or upgrading and/or selling tickets, other event admittance means, goods and/or services Irah H. Donner

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
7343350 (11/590174)	US	2008-03-11 (2006-10-31)	System and method for interactive messaging and/or allocating and/or upgrading and/or rewarding tickets, other event admittance means, goods and/or services Irah H. Donner
(60/226594)	US	(2000-08-21)	System and method for reallocating and/or upgrading tickets or other event admittance means Irah H. Donner
7031945 (09/910821)	US	2006-04-18 (2001-07-24)	System and method for reallocating and/or upgrading and/or rewarding tickets, other event admittance means, goods and/or services Irah H. Donner
7386517 (11/639077)	US	2008-06-10 (2006-12-14)	System and method for determining and/or transmitting and/or establishing communication with a mobile device user for providing, for example, concessions, tournaments, competitions, matching, reallocating, upgrading, selling tickets, other event admittance means, goods and/or services Irah H. Donner
7562051 (12/011747)	US	2009-07-14 (2008-01-29)	System and method for reallocating and/or upgrading and/or selling tickets, other event admittance means, goods and/or services Irah H. Donner
8335779 (13/103762)	US	2012-12-18 (2011-05-09)	METHOD AND APPARATUS FOR GATHERING, CATEGORIZING AND PARAMETERIZING DATA Robert Olan Keith
(10/638088)	US	(2003-08-07)	Method and apparatus for gathering, categorizing and parameterizing data Robert Olan Keith

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(10/638095)	US	(2003-08-07)	Unable to verify Robert Olan Keith, Jr.
(60/188328)	US	(2000-03-09)	Web access network productivity tool Robert Olan Keith, Jr.
(60/200963)	US	(2000-05-01)	Web access network productivity tool Robert Olan Keith, Jr.
7054875 (09/799032)	US	2006-05-30 (2001-03-06)	Method and apparatus for notifying a user of new data entered into an electronic system Robert Olan Keith, Jr.
7260579 (09/800566)	US	2007-08-21 (2001-03-06)	Method and apparatus for accessing data within an electronic system by an external system Robert Olan Keith, Jr.
7257588 (09/800592)	US	2007-08-14 (2001-03-06)	Method and apparatus for formatting information within a directory tree structure into an encyclopedia-like entry Robert Olan Keith, Jr.
7305399 (09/800607)	US	2007-12-04 (2001-03-06)	Method and apparatus for applying a parametric search methodology to a directory tree database format Robert Olan Keith, Jr.
7305400 (09/801072)	US	2007-12-04 (2001-03-06)	Method and apparatus for performing a research task by interchangeably utilizing a multitude of search methodologies Robert Olan Keith, Jr.
7085766 (09/801076)	US	2006-08-01 (2001-03-06)	Method and apparatus for organizing data by overlaying a searchable database with a directory tree structure Robert Olan Keith, Jr.

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7213024 (09/801140)	US	2007-05-01 (2001-03-06)	Method and apparatus for accessing information within an electronic system Robert Olan Keith, Jr.
7305401 (09/801138)	US	2007-12-04 (2001-03-06)	Method and apparatus for performing a research task by interchangeably utilizing a multitude of search methodologies Robert Olan Keith, Jr.
 (PCT/US2001/007096)	WO	 (2001-03-06)	Method and apparatus for performing a research task by interchangeably utilizing a multitude of search methodologies Robert Olan Keith, Jr.
 (PCT/US2001/007112)	WO	 (2001-03-06)	Method and apparatus for organizing data by overlaying a searchable database with a directory tree structure Robert Olan Keith, Jr.
 (PCT/US2001/007185)	WO	 (2001-03-06)	Method and apparatus for performing a research task by interchangeably utilizing a multitude of search methodologies Robert Olan Keith, Jr.
7469254 (11/444029)	US	2008-12-23 (2006-05-30)	Method and apparatus for notifying a user of new data entered into an electronic system Robert Olan Keith, Jr.
8150885 (11/492407)	US	2012-04-03 (2006-07-24)	Method and apparatus for organizing data by overlaying a searchable database with a directory tree structure Robert Olan Keith, Jr.
7672963 (11/888751)	US	2010-03-02 (2007-08-01)	Method and apparatus for accessing data within an electronic system by an external system Robert Olan Keith, Jr.

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7756850 (11/891887)	US	2010-07-13 (2007-08-13)	Method and apparatus for formatting information within a directory tree structure into an encyclopedia-like entry Robert Olan Keith, Jr.
7747654 (11/899211)	US	2010-06-29 (2007-09-04)	Method and apparatus for applying a parametric search methodology to a directory tree database format Robert Olan Keith, Jr.
8296296 (12/785459)	US	2012-10-23 (2010-05-23)	METHOD AND APPARATUS FOR FORMATTING INFORMATION WITHIN A DIRECTORY TREE STRUCTURE INTO AN ENCYCLOPEDIA-LIKE ENTRY Robert Olan Keith, Jr.
(13/401599)	US	(2012-02-21)	Method and apparatus for accessing data within an electronic system by an external system Robert Olan Keith, Jr.
DE60236219.9 (DE60236219.9)	DE	2010-04-28 (2002-06-25)	Method for connection acceptance and rapid determination of optimal multi-media content delivery over network Arthur Douglas Allen
7383338 (11/445568)	US	2008-06-03 (2006-06-02)	Method for connection acceptance control and rapid determination of optimal multi-media content delivery over networks Arthur Douglas Allen
7827301 (11/445579)	US	2010-11-02 (2006-06-02)	Method for connection acceptance control and optimal multi-media content delivery over networks Arthur Douglas Allen

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6850965 (09/893364)	US	2005-02-01 (2001-06-26)	Method for connection acceptance and rapid determination of optimal multi-media content delivery over network Arthur Douglas Allen
7568046 (11/446027)	US	2009-07-28 (2006-06-02)	Method for connection acceptance control and optimal multi-media content delivery over networks Arthur Allen
DE60209123.3 (DE60209123.3)	DE	2006-02-08 (2002-06-25)	Method for connection acceptance and rapid determination of optimal multi-media content delivery over network Arthur Douglas Allen
7747748 (11/031416)	US	2010-06-29 (2005-01-07)	Method for connection acceptance control and rapid determination of optimal multi-media content delivery over networks Arthur Douglas Allen
(60/108777)	US	(1998-11-17)	Method for connection acceptance control and optimal multi-media content delivery over networks ARTHUR ALLEN
(PCT/US2002/016590)	WO	(2002-06-25)	Method for connection acceptance control and rapid determination of optimal multi-media content delivery over networks Arthur Douglas Allen
7346688 (11/445991)	US	2008-03-18 (2006-06-02)	Method for connection acceptance control and rapid determination of optimal multi-media content delivery over networks Arthur Douglas Allen

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EP1650909 (EP05026589.1)	EP	2010-04-28 (2002-06-25)	Method for connection acceptance and rapid determination of optimal multi-media content delivery over network Arthur Douglas Allen
EP1402690 (EP02746450.2)	EP	2006-02-08 (2002-06-25)	Method for connection acceptance control and rapid determination of optimal multi-media content delivery over networks Arthur Douglas Allen
7334044 (09/344688)	US	2008-02-19 (1999-06-25)	Method for connection acceptance control and optimal multi-media content delivery over networks Arthur Douglas Allen
7890631 (12/049524)	US	2011-02-15 (2008-03-17)	Connection Acceptance Control Arthur Douglas Allen
FR1402690 (FR02746450.2)	FR	2006-02-08 (2002-06-25)	Method for connection acceptance and rapid determination of optimal multi-media content delivery over network Arthur Douglas Allen
FR1650909 (FR05026589.1)	FR	2010-04-28 (2002-06-25)	Method for connection acceptance and rapid determination of optimal multi-media content delivery over network Arthur Douglas Allen
GB1402690 (GB02746450.2)	GB	2006-02-08 (2002-06-25)	Method for connection acceptance control and rapid determination of optimal multi-media content delivery over networks Arthur Douglas Allen
GB1650909 (GB05026589.1)	GB	2010-04-28 (2002-06-25)	Method for connection acceptance and rapid determination of optimal multi-media content delivery over network Arthur Douglas Allen

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7328344 (10/228784)	US	2008-02-05 (2002-08-26)	Authority-neutral certification for multiple-authority PKI environments Kae-por F. Chang
(60/325835)	US	 (2001-09-28)	Authority-neutral certification for multiple-authority PKI environments Kae-por F. Chang
8621206 (13/196328)	US	2013-12-31 (2011-08-02)	Authority-Neutral Certification for Multiple-Authority PKI Environments Kae-por F. Chang
(14/089317)	US	 (2013-11-25)	Authority-Neutral Certification for Multiple-Authority PKI Environments Kae-por F. Chang
DE60143655.5 (DE60143655.5)	DE	2010-12-15 (2001-05-17)	Method for issuing electronic tickets Ronald P Sansone
GB1297436 (GB01937532.8)	GB	2010-12-15 (2001-05-17)	Method for Issuing Electronic Tickets Ronald P Sansone
EP1297436 (EP01937532.8)	EP	2010-12-15 (2001-05-17)	METHOD FOR ISSUING ELECTRONIC TICKETS Ronald P Sansone
FR1297436 (FR01937532.8)	FR	2010-12-15 (2001-05-17)	Method for Issuing Electronic Tickets Ronald P Sansone
6603568 (09/575312)	US	2003-08-05 (2000-05-19)	Methods for issuing electronic tickets Ronald P Sansone
(PCT/US2001/016095)	WO	 (2001-05-17)	SYSTEM AND METHOD FOR ISSUING ELECTRONIC TICKETS Ronald P Sansone

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8019990 (12/025196)	US	2011-09-13 (2008-02-04)	Authority-Neutral Certification for Multiple-Authority PKI Environments Kae-por F. Chang
(PCT/US1999/017606)	WO	(1999-08-03)	CIRCUIT AND METHOD FOR GENERATING FILLER PIXELS FROM THE ORIGINAL PIXELS IN A VIDEO STREAM Qinggang Zhou
(CN99809301.7)	CN	(1999-08-03)	Circuit and method for generating filler pixels from the original pixels in a video stream Qinggang Zhou
(EP99942001.1)	EP	(1999-08-03)	CIRCUIT AND METHOD FOR GENERATING FILLER PIXELS FROM THE ORIGINAL PIXELS IN A VIDEO STREAM Qinggang Zhou
6909752 (09/775873)	US	2005-06-21 (2001-02-01)	Circuit and method for generating filler pixels from the original pixels in a video stream Qinggang Zhou
(JP2000-564387)	JP	(1999-08-03)	Circuit and Method for Generating Filler Pixels from the Original Pixels in a Video Stream Qinggang Zhou
(60/095201)	US	(1998-08-03)	Video De-Interlacing Method Qinggang Zhou
(KR10-2001-7001405)	KR	(1999-08-03)	Circuit and method for generating filler pixels from the original pixels in a video stream Qinggang Zhou
(SG200100958-8)	SG	(1999-08-03)	Circuit and method for generating filler pixels from the original pixels in a video stream Qinggang Zhou

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(SG200100442-3)	SG	(1999-08-13)	PERFORMING TRANSFORM DURING PROCESSING OF AN IMAGE Woobin Lee
(CN99809627.X)	CN	(1999-08-13)	Circuit and method for performing bidimensional transform during processing of an image Woobin Lee
(KR10-2001-7001811)	KR	(1999-08-13)	CIRCUIT AND METHOD FOR PERFORMING A TWO-DIMENSIONAL TRANSFORM DURING THE PROCESSING OF AN IMAGE Woobin Lee
(EP99942195.1)	EP	(1999-08-13)	CIRCUIT AND METHOD FOR PERFORMING A TWO-DIMENSIONAL TRANSFORM DURING THE PROCESSING OF AN IMAGE Woobin Lee
(60/096534)	US	(1998-08-13)	METHOD OF COMPUTING COSINE TRANSFORM FOR VIDEO COMPRESSION Woobin Lee
(JP2000-565664)	JP	(1999-08-13)	CIRCUIT AND METHOD FOR PERFORMING A TWO-DIMENSIONAL TRANSFORM DURING THE PROCESSING OF AN IMAGE Woobin Lee
7076105 (09/782509)	US	2006-07-11 (2001-02-12)	Circuit and method for performing a two-dimensional transform during the processing of an image Woobin Lee

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(PCT/US1999/018533)	WO	(1999-08-13)	CIRCUIT AND METHOD FOR PERFORMING A TWO-DIMENSIONAL TRANSFORM DURING THE PROCESSING OF AN IMAGE Woobin Lee
6721948 (09/608887)	US	2004-04-13 (2000-06-30)	Method for managing shared tasks in a multi-tasking data processing system William E Morgan
(60/194674)	US	(2000-04-04)	On-Chip Termination Scheme Todd K Moyer
6414512 (09/686351)	US	2002-07-02 (2000-10-10)	On-chip termination circuit Todd K Moyer
TWI142899 (TW088113345)	TW	2001-09-11 (1999-08-03)	Circuit and method for generating filler pixels from the original pixels in a video stream Qinggang Zhou
TWI148583 (TW088113986)	TW	2001-12-21 (1999-08-13)	Circuit and method for implicitly transposing a matrix of values during the processing of an image Woobin Lee
(60/310610)	US	(2001-08-07)	System and method for providing multi-modal bookmarks Inderpal Singh Mumick
8238881 (10/211117)	US	2012-08-07 (2002-08-02)	System and method for providing multi-modal bookmarks Inderpal Singh Mumick
(PCT/US2002/024885)	WO	(2002-08-05)	System and method for providing multi-modal bookmarks Inderpal Singh Mumick

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EP1423968 (EP02807651.1)	EP	2014-09-17 (2002-08-05)	System and method for providing multi-modal bookmarks Inderpal Singh Mumick
DE60246646.6 (DE60246646.6)	DE	2014-09-17 (2002-08-05)	System and method for providing multi-modal bookmarks Inderpal Singh Mumick
FR1423968 (FR02807651.1)	FR	2014-09-17 (2002-08-05)	System and method for providing multi-modal bookmarks Inderpal Singh Mumick
GB1423968 (GB02807651.1)	GB	2014-09-17 (2002-08-05)	System and method for providing multi-modal bookmarks Inderpal Singh Mumick
IN249554 (IN533/DELNP/2004)	IN	2011-10-25 (2002-08-05)	System and Method for Providing Multi-Modal Bookmarks Inderpal Singh Mumick
8571606 (13/491465)	US	2013-10-29 (2012-06-07)	System and method for providing multi-modal bookmarks Inderpal Singh Mumick
6681103 (09/645323)	US	2004-01-20 (2000-08-25)	On-chip image reject filter John William Mitchell Rogers
(PCT/CA2001/001214)	WO	 (2001-08-24)	Mixer with image reject filter John William Mitchell Rogers
EP1312157 (EP01966881.3)	EP	2006-12-20 (2001-08-24)	A novel on-chip image reject filter John William Mitchell Rogers
DE60125379.5 (DE60125379.5)	DE	2006-12-20 (2001-08-24)	A novel on-chip image reject filter John William Mitchell Rogers

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GB1312157 (GB01966881.3)	GB	2006-12-20 (2001-08-24)	A novel on-chip image reject filter John William Mitchell Rogers
IE1312157 (IE01966881.3)	IE	2006-12-20 (2001-08-24)	A novel on-chip image reject filter John William Mitchell Rogers
LU1312157 (LU01966881.3)	LU	2006-12-20 (2001-08-24)	A novel on-chip image reject filter John William Mitchell Rogers
MC1312157 (MC01966881.3)	MC	2006-12-20 (2001-08-24)	A novel on-chip image reject filter John William Mitchell Rogers
JP4943589 (JP2001-130421)	JP	2012-03-09 (2001-04-26)	Manufacturing method for liquid crystal display device Yoshiaki Hashimoto
KR10-0503681 (KR10-2002-0022634)	KR	2005-07-18 (2002-04-25)	Manufacturing method for liquid crystal display device Yoshiaki Hashimoto
TWI316153 (TW091108815)	TW	2009-10-21 (2002-04-26)	Manufacturing method of liquid crystal display device Yoshiaki Hashimoto
7532270 (12/020390)	US	2009-05-12 (2008-01-25)	Manufacturing method of a liquid crystal display device using a photo resist having regions with different thicknesses, ashing, and reflow processing Yoshiaki Hashimoto
6741237 (09/938095)	US	2004-05-25 (2001-08-23)	Touch screen David J. Benard
7079118 (10/784627)	US	2006-07-18 (2004-02-23)	Touch screen using echo-location David J. Benard

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TWI305900 (TW092106511)	TW	2009-02-01 (2003-03-24)	Method of rendering graphics and 3d graphics hardware accelerator Michael F. Deering
7379067 (11/305474)	US	2008-05-27 (2005-12-15)	Scalable high performance 3D graphics Michael F. Deering
JP4193990 (JP2003-581035)	JP	2008-10-03 (2003-03-21)	Scalable high-performance 3D graphics Michael F. Deering
KR10-0959470 (KR10-2004-7014993)	KR	2010-05-14 (2003-03-21)	Scalable High Performance 3D Graphics Michael F. Deering
8593468 (12/898249)	US	2013-11-26 (2010-10-05)	SCALABLE HIGH PERFORMANCE 3D GRAPHICS Michael F. Deering
9478001 (14/072631)	US	2016-10-25 (2013-11-05)	Scalable high performance 3D graphics Michael F. Deering
10019777 (15/331762)	US	2018-07-10 (2016-10-21)	Scalable high performance 3D graphics Michael F. Deering
CNZL03811710.X (CN03811710.X)	CN	2010-05-26 (2003-03-21)	Scalable high performance 3d graphics Michael F. Deering
(PCT/US2003/008886)	WO	 (2003-03-21)	SCALABLE HIGH PERFORMANCE 3D GRAPHICS Michael F. Deering
7808505 (12/127737)	US	2010-10-05 (2008-05-27)	Scalable High Performance 3D Graphics Michael F. Deering

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(60/367064)	US	(2002-03-22)	Scalable high performance 3D graphics hardware accelerator Michael F. Deering
CA2480081 (CA2480081)	CA	2007-06-19 (2003-03-21)	SCALABLE HIGH PERFORMANCE 3D GRAPHICS Michael F. Deering
SG106741 (SG200405184-3)	SG	2006-07-31 (2003-03-21)	SCALABLE HIGH PERFORMANCE 3D GRAPHICS Michael F. Deering
(10/394418)	US	(2003-03-21)	Scalable high performance 3d graphics Michael F. Deering
EP1495412 (EP03726100.5)	EP	2012-11-28 (2003-03-21)	SCALABLE HIGH PERFORMANCE 3D GRAPHICS Michael F. Deering
FR1495412 (FR03726100.5)	FR	2012-11-28 (2003-03-21)	Scalable high performance 3D graphics Michael F. Deering
DE60342708.1 (DE60342708.1)	DE	2012-11-28 (2003-03-21)	Scalable high performance 3D graphics Michael F. Deering
GB1495412 (GB03726100.5)	GB	2012-11-28 (2003-03-21)	Scalable high performance 3D graphics Michael F. Deering
6606528 (09/598146)	US	2003-08-12 (2000-06-21)	METHOD FOR CREATING COMPUTER-AIDED DESIGN (CAD) SOLID MODELS FROM NUMERICALLY CONTROLLED (NC) MACHINE INSTRUCTIONS Shawn E. Hagmeier

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6782367 (09/850889)	US	2004-08-24 (2001-05-08)	Method and arrangement for changing source signal bandwidth in a telecommunication connection with multiple bandwidth capability Hannu Mikkola
8045968 (11/664372)	US	2011-10-25 (2005-09-14)	Method for Forming an Audiovisual Call Identifier, a Mobile Communication Device and a Call Identifier Hanna Heikinheimo
8391850 (13/231910)	US	2013-03-05 (2011-09-13)	Method for Forming an Audiovisual Call Identifier, a Mobile Communication Device and a Call Identifier Hanna Heikinheimo
8254863 (10/509376)	US	2012-08-28 (2003-03-27)	Broadcast receiver and method for setting broadcast receivers Johan Sjoblom
8577317 (13/539161)	US	2013-11-05 (2012-06-29)	Broadcast receiver and method for setting broadcast receivers Johan Sjoblom
7103313 (10/161657)	US	2006-09-05 (2002-06-05)	Automatic determination of access point content and services for short-range wireless terminals Janne J. Kallio
DE60329954.7 (DE60329954.7)	DE	2009-11-11 (2003-05-23)	Display or automatic determination of the contents of access points available services for short-range wireless terminals Janne J. Kallio
GB1370050 (GB03253234.3)	GB	2009-11-11 (2003-05-23)	Advertisement or automatic determination of access point contents of available services for short-range wireless terminals Janne J. Kallio

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FI115329 (FI20001070)	FI	2005-04-15 (2000-05-08)	Method and arrangement for changing the bandwidth of a source signal in a telecommunication connection capable of multiple bandwidths Hannu J. Mikkola
(PCT/FI2001/000436)	WO	(2001-05-08)	METHOD AND ARRANGEMENT FOR CHANGING SOURCE SIGNAL BANDWIDTH IN A TELECOMMUNICATION CONNECTION WITH MULTIPLE BANDWIDTH CAPABILITY Hannu Mikkola
CNZL01809127.X (CN01809127.X)	CN	2006-03-08 (2001-05-08)	Method and arrangement for changing source signal bandwidth in telecommunication connection with multiple bandwidth capability H. Mikkola
EP1290679 (EP01931767.6)	EP	2006-04-05 (2001-05-08)	METHOD AND ARRANGEMENT FOR CHANGING SOURCE SIGNAL BANDWIDTH IN A TELECOMMUNICATION CONNECTION WITH MULTIPLE BANDWIDTH CAPABILITY Hannu Mikkola
DE60118553.6 (DE60118553.6)	DE	2006-04-05 (2001-05-08)	METHOD AND SYSTEM FOR CHANGING THE BANDWIDTH IN SIGNAL SOURCE A TELECOMMUNICATIONS CONNECTION WITH MULTIPLE BANDWIDTH CAPABILITY Hannu Mikkola

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
FR1290679 (FR01931767.6)	FR	2006-04-05 (2001-05-08)	METHOD AND ARRANGEMENT FOR CHANGING SOURCE SIGNAL BANDWIDTH IN A TELECOMMUNICATION CONNECTION WITH MULTIPLE BANDWIDTH CAPABILITY Hannu Mikkola
GB1290679 (GB01931767.6)	GB	2006-04-05 (2001-05-08)	METHOD AND ARRANGEMENT FOR CHANGING SOURCE SIGNAL BANDWIDTH IN A TELECOMMUNICATION CONNECTION WITH MULTIPLE BANDWIDTH CAPABILITY Hannu Mikkola
NL1290679 (NL01931767.6)	NL	2006-04-05 (2001-05-08)	Method and apparatus for changing the bandwidth of a source signal in a telecommunication connection with the possibility of multiple bandwidths Hannu Mikkola
JP5255172 (JP2001-583502)	JP	2013-04-26 (2001-05-08)	Method and arrangement for changing source signal bandwidth in a telecommunication connection with multiple bandwidth capability Hannu Mikkola
(FI041277)	FI	(2004-10-01)	The method of audio-visual symbol to form a ring, a portable communications device and the call ID Hanna Heikinheimo
(PCT/FI2005/050316)	WO	(2005-09-14)	METHOD FOR FORMING AN AUDIOVISUAL CALL IDENTIFIER, A MOBILE COMMUNICATION DEVICE AND A CALL IDENTIFIER Hanna Heikinheimo

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(BRPI0516713-2)	BR	(2005-09-14)	METHOD FOR FORMING AN AUDIOVISUAL CALL IDENTIFIER, MOBILE COMMUNICATION DEVICE, AND, AUDIOVISUAL CALL IDENTIFIER Hanna Heikinheimo
(CN200580033097.5)	CN	(2005-09-14)	Method for forming an audiovisual call identifier, a mobile communication device and a call identifier Hanna Heikinheimo
(HK07111663.6)	HK	(2005-09-14)	METHOD FOR FORMING AN AUDIOVISUAL CALL IDENTIFIER, A MOBILE COMMUNICATION DEVICE AND A CALL IDENTIFIER Hanna Heikinheimo
(JP2007-534040)	JP	(2005-09-14)	Method for forming an audiovisual call identifier, a mobile communication device and a call identifier Hanna Heikinheimo
(KR10-2007-7009815)	KR	(2005-09-14)	METHOD FOR FORMING AN AUDIOVISUAL CALL IDENTIFIER, A MOBILE COMMUNICATION DEVICE AND A CALL IDENTIFIER Hanna Heikinheimo
(SG200701570-4)	SG	(2005-09-14)	METHOD FOR FORMING AN AUDIOVISUAL CALL IDENTIFIER, A MOBILE COMMUNICATION DEVICE AND A CALL IDENTIFIER Hanna Heikinheimo
(KR10-2008-7016121)	KR	(2008-07-01)	METHOD FOR FORMING AN AUDIOVISUAL CALL IDENTIFIER, A MOBILE COMMUNICATION DEVICE AND A CALL IDENTIFIER Hanna Heikinheimo

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(SG201000067-7)	SG	(2010-06-01)	METHOD FOR FORMING AN AUDIOVISUAL CALL IDENTIFIER, A MOBILE COMMUNICATION DEVICE AND A CALL IDENTIFIER Hanna Heikinheimo
(PCT/FI2003/000237)	WO	(2003-03-27)	BROADCAST RECEIVER AND METHOD FOR SETTING BROADCAST RECEIVERS Johan Sjoblom
EP1488545 (EP03712172.0)	EP	2015-11-11 (2003-03-27)	BROADCAST RECEIVER AND METHOD FOR SETTING BROADCAST RECEIVERS Johan Sjoblom
DE60348242.2 (DE60348242.2)	DE	2015-11-11 (2003-03-27)	BROADCAST RECEIVER AND METHOD FOR SETTING BROADCAST RECEIVERS Johan Sjoblom
FR1488545 (FR03712172.0)	FR	2015-11-11 (2003-03-27)	BROADCAST RECEIVER AND METHOD FOR SETTING BROADCAST RECEIVERS Johan Sjoblom
GB1488545 (GB03712172.0)	GB	2015-11-11 (2003-03-27)	BROADCAST RECEIVER AND METHOD FOR SETTING BROADCAST RECEIVERS Johan Sjoblom
EP1370050 (EP03253234.3)	EP	2009-11-11 (2003-05-23)	Advertisement or automatic determination of access point contents of available services for short-range wireless terminals Janne J. Kallio
6391713 (09/854872)	US	2002-05-21 (2001-05-14)	Method for forming a dual damascene structure having capacitors Chen-Chiu Hsue
6483142 (10/108611)	US	2002-11-19 (2002-03-27)	Dual damascene structure having capacitors Chen-Chiu Hsue

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
7418402 (09/443038)	US	2008-08-26 (1999-11-18)	Method and system for providing local information over a network James McCrossin
(PCT/US2000/009148)	WO	 (2000-04-05)	Method and system for providing local information over a network McCrossin, James
7860758 (12/222270)	US	2010-12-28 (2008-08-06)	Method and system for providing local information over a network McCrossin, James
8255292 (12/951201)	US	2012-08-28 (2010-11-22)	Method and system for providing local information over a network McCrossin, James
(13/551267)	US	 (2012-07-17)	Method and System for Providing Local Information Over a Network James McCrossin
7792799 (10/538795)	US	2010-09-07 (2006-03-06)	Backing up a wireless computing device David S. Pratt Jr.
(60/417795)	US	 (2002-10-10)	Shared incremental backup Ron Craswell
(PCT/US2003/032295)	WO	 (2003-10-10)	BACKING UP A WIRELESS COMPUTING DEVICE Ronald J. Craswell
6909356 (10/053540)	US	2005-06-21 (2001-11-02)	Method and apparatus for associating the movement of goods with the identity of an individual moving the goods Suzy Brown

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(60/245767)	US	(2000-11-03)	Controlled access coupled with the movement of goods Suzy Brown
(PCT/US2001/051184)	WO	(2001-11-02)	Method and apparatus for associating the movement of goods with the identity of an individual moving the goods Suzy Brown
AU241790 (AU2002241790)	AU	2006-10-19 (2001-11-02)	Method and apparatus for associating the movement of goods with the identity of an individual moving the goods Suzy Brown
(CA2411636)	CA	(2001-11-02)	Method and apparatus for associating the movement of goods with the identity of an individual moving the goods Suzy Brown
(EP01988487.3)	EP	(2001-11-02)	Method and apparatus for associating the movement of goods with the identity of an individual moving the goods Suzy Brown
6909356C1 (90/014096)	US	2019-11-12 (2018-02-23)	Method and apparatus for associating the movement of goods with the identity of an individual moving the goods
TWI259488 (TW091104199)	TW	2006-08-01 (2002-03-06)	Barrier rib structure for plasma display panel Hsu-Pin Kao
6720732 (10/106494)	US	2004-04-13 (2002-03-27)	Barrier rib structure for plasma display panel Hsu-Pin Kao
6737804 (10/101719)	US	2004-05-18 (2002-03-21)	Barrier rib structure for plasma display panel Hsu-Pin Kao

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7814419 (10/723283)	US	2010-10-12 (2003-11-26)	Changing an orientation of a user interface via a course of motion Henna Fabritius
CNZL200480034437.1 (CN200480034437.1)	CN	2008-05-14 (2004-11-24)	Method and device for changing an orientation of a user interface via a course of motion Henna Fabritius
KR10-0871099 (KR10-2006-7010265)	KR	2008-11-24 (2004-11-24)	A method and device for changing an orientation of a user interface Henna Fabritius
RE45029 (13/713433)	US	2014-07-22 (2012-12-13)	Thermal sensors for stacked dies Jani Klint
(PCT/IB2004/003929)	WO	 (2004-11-24)	Changing an orientation of a user interface via a course of motion Henna Fabritius
(EP04799024.7)	EP	 (2004-11-24)	Changing an orientation of a user interface via a course of motion Henna Fabritius
HK1098855 (HK07106385.3)	HK	2008-09-12 (2004-11-24)	Device and method for changing an orientation of a user interface via a course of motion Henna Fabritius
(PCT/IB2007/004090)	WO	 (2007-12-24)	Thermal sensors for stacked dies Jani Klint
7852138 (12/306450)	US	2010-12-14 (2007-12-24)	Thermal sensors for stacked dies Jani Klint
TWI355098 (TW096135495)	TW	2011-12-21 (2007-09-21)	LED lamp waterproof module Jiahn-Chang Wu

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7887229 (11/952639)	US	2011-02-15 (2007-12-07)	Waterproof module for LED lamp Jiahn-Chang Wu
7806556 (12/041109)	US	2010-10-05 (2008-03-03)	Reflection lamp Jiahn-Chang Wu
CNZL200720144215.6 (CN200720144215.6)	CN	2008-07-02 (2007-09-28)	Waterproof device for LED bulb Jiahn-Chang Wu
(TW097102136)	TW	(2008-01-21)	Reflection type lamp Jiahn-Chang Wu
(CN200810043080.3)	CN	(2008-01-29)	Reflective lighting lamp Jiahn-Chang Wu
6767112 (10/156286)	US	2004-07-27 (2002-05-29)	Projection lamp with led matrix panel Jiahn-Chang Wu
(TW090108393)	TW	(2001-04-04)	LED display panel with parallel metal substrate Jiahn-Chang Wu
CNZL01227577.8 (CN01227577.8)	CN	2002-07-03 (2001-06-20)	LED display on parallel metal substrate Jiahn-Chang Wu
6652123 (09/848993)	US	2003-11-25 (2001-05-07)	Light emitting diode display having heat sinking circuit rails Jiahn-Chang Wu
6650048 (09/982371)	US	2003-11-18 (2001-10-19)	Ventilated light emitting diode matrix panel Jiahn-Chang Wu
7844594 (09/649436)	US	2010-11-30 (2000-08-25)	Information search, retrieval and distillation into knowledge objects Larry Stephen Burke

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(09/336020)	US	(1999-06-18)	METHOD AND APPARATUS FOR COMPOSING A SEARCH, FOR SEARCHING A CORPUS OF INFORMATION OR THE INTERNET, FOR DISPLAYING THE SEARCH RESULTS IN AN EASILY VIEWABLE MANNER, AND FOR CRAWLING, SUMMARIZING AND STRUCTURING THE CORPUS OF INFORMATION Thomas D. Holt
(09/565636)	US	(2000-05-04)	Information search, retrieval and distillation into sharable knowledge objects Thomas D. Holt
(09/565674)	US	(2000-05-04)	Information search, retrieval and distillation into knowledge objects Thomas D. Holt
6601061 (09/587672)	US	2003-07-29 (2000-06-05)	Scalable information search and retrieval including use of special purpose searching resources Larry Stephen Burke
(09/648087)	US	(2000-08-25)	Method and apparatus for composing a search, for searching a corpus of information or the internet, for displaying the search results in an easily comprehensible manner, and for crawling, summarizing and structuring the corpus of information Thomas D. Holt
(09/648592)	US	(2000-08-25)	Information Search, Retrieval, and Distillation Into Sharable Knowledge Objects Thomas D. Holt
(09/841454)	US	(2001-04-24)	Information search, retrieval and distillation into knowledge objects Thomas D. Holt

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(09/878055)	US	(2001-06-07)	Selecting, Naming and Searching Searchable Sources Through the Application of Search Sets Thomas D. Holt
8204881 (12/955841)	US	2012-06-19 (2010-11-29)	INFORMATION SEARCH, RETRIEVAL AND DISTILLATION INTO KNOWLEDGE OBJECTS Thomas D. Holt
7096493 (09/747763)	US	2006-08-22 (2000-12-21)	Internet file safety information center Gary G. Liu
(KR10-2000-0016456)	KR	(2000-03-30)	Organic electroluminescent devices using a single ionconductor as an electron or a hole injecting material TaeWoo LEE
7118810 (09/995816)	US	2006-10-10 (2001-03-30)	Organic/polymer electroluminescent devices employing single-ion conductors O-Ok Park
DE10191386.9 (DE10191386.9)	DE	2006-04-06 (2001-03-30)	Organic/polymer electroluminescent device employing single-ion conductor TaeWoo LEE
JP3898952 (JP2001-575781)	JP	2007-01-05 (2001-03-30)	Organic/polymer electroluminescent device employing single-ion conductor TaeWoo LEE
(PCT/KR2001/000535)	WO	(2001-03-30)	Organic/polymer electroluminescent device employing single-ion conductor O-Ok Park
(KR10-2001-7005363)	KR	(2001-03-30)	Organic/polymer electroluminescent devices employing single-ion conductors TaeWoo LEE

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KR10-0764260 (KR10-2001-7005617)	KR	2007-09-28 (2000-08-30)	Variable-instruction-length processing WINTHROP L. SAVILLE
CNZL00802561.4 (CN00802561.4)	CN	2008-04-02 (2000-08-30)	Variable-instruction-length processing Saville, W. L.
(JP2001-522167)	JP	(2000-08-30)	Variable-instruction-length processing WINTHROP L. SAVILLE
7376814 (09/391647)	US	2008-05-20 (1999-09-07)	Method for forming variable length instructions in a processing system WINTHROP L. SAVILLE
TWI234109 (TW089126093)	TW	2005-06-11 (2000-12-07)	Variable-instruction-length processing WINTHROP L. SAVILLE
(EP00960551.0)	EP	(2000-08-30)	VARIABLE-INSTRUCTION-LENGHT PROCESSING WINTHROP L. SAVILLE
(PCT/EP2000/008448)	WO	(2000-08-30)	Variable-instruction-length processing WINTHROP L. SAVILLE
DE60040445.5 (DE60040445.5)	DE	2008-10-08 (2000-05-17)	Data-processing arrangement including an interrupt generator MARC DURANTON
EP1127407 (EP00964063.2)	EP	2010-07-21 (2000-08-30)	Amplifier for use in a mobile phone Dimitri Pavlovich Prikhodko
(PCT/EP2000/008452)	WO	(2000-08-30)	Amplifier for use in a mobile phone Dimitri Pavlovich Prikhodko
(JP2001-522663)	JP	(2000-08-30)	An amplifier for use in a mobile phone Dimitri Pavlovich Prikhodko

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
6545539 (09/656124)	US	2003-04-08 (2000-09-06)	Amplifier for use in a mobile phone Dimitri Pavlovich Prikhodko
GB1127407 (GB00964063.2)	GB	2010-07-21 (2000-08-30)	An amplifier for use in a mobile phone Dimitri Pavlovich Prikhodko
GB1451681 (GB01969757.2)	GB	2007-10-10 (2001-09-21)	System and method for low overhead boundary checking of java arrays Lonnie C. Goff
JP4024751 (JP2003-500728)	JP	2007-10-12 (2002-05-28)	Selective access to multiple registers having a common name Lonnie C. Goff
6666383 (09/871135)	US	2003-12-23 (2001-05-31)	Selective access to multiple registers having a common name Lonnie C. Goff
(EP02733048.9)	EP	 (2002-05-28)	Selective access to multiple registers having a common name Lonnie C. Goff
(PCT/IB2002/001889)	WO	 (2002-05-28)	Selective access to multiple registers having a common name Lonnie C. Goff
(PCT/EP2001/010990)	WO	 (2001-09-21)	System and method for low overhead boundary checking of java arrays Lonnie C. Goff
(JP2002-530999)	JP	 (2001-09-21)	System and method for low overhead boundary checking of java arrays Lonnie C. Goff

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EP1451681 (EP01969757.2)	EP	2007-10-10 (2001-09-21)	SYSTEM AND METHOD FOR LOW OVERHEAD BOUNDARY Lonnie C. Goff
6782407 (09/670496)	US	2004-08-24 (2000-09-26)	System and method for low overhead boundary checking of java arrays Lonnie C. Goff
(DE10047214.1)	DE	(2000-09-23)	Frequency filtering or selection circuit for HF signal reception and/or generation incorporated in IC metallisation with constant ohmic resistance Andreas Wichern
6762655 (09/960099)	US	2004-07-13 (2001-09-21)	Circuit arrangement Andreas Wichern
(JP2001-291996)	JP	(2001-09-25)	Circuit device Andreas Wichern
EP1202450 (EP01203562.2)	EP	2007-10-10 (2001-09-20)	Circuit arrangement Andreas Wichern
(EP99202921.5)	EP	(1999-09-08)	AN AMPLIFIER FOR USE IN A MOBILE PHONE Dimitri Pavlovich Prikhodko
(EP01200206.9)	EP	(2001-01-19)	Address mapping based on actual data-blocks Jaspers, Egbert
(PCT/IB2002/000044)	WO	(2002-01-10)	Unit and method for memory address translation and image processing apparatus comprising such a unit Jaspers, Egbert G., T.

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CNZL02800548.1 (CN02800548.1)	CN	2005-09-21 (2002-01-10)	Unit and method for memory address translation and image processing apparatus comprising such unit Jaspers, Egbert G., T.
EPI354484 (EP02729488.3)	EP	2010-12-08 (2002-01-10)	Unit and method for memory address translation and image processing apparatus comprising such a unit Jaspers, Egbert
DE60238519.9 (DE60238519.9)	DE	2010-12-08 (2002-01-10)	Unit and method for memory address translation and image processing apparatus comprising such a unit JASPERS, Egbert, G
FR1354484 (FR02729488.3)	FR	2010-12-08 (2002-01-10)	Unit and method for memory address translation and image processing apparatus comprising such a unit JASPERS, EGBERT, G., T.
GB1354484 (GB02729488.3)	GB	2010-12-08 (2002-01-10)	Unit and method for memory address translation and image processing apparatus comprising such a unit G. EGBERT JASPERS T.
 (JP2002-557131)	JP	 (2002-01-10)	Unit and method for memory address translation and image processing apparatus comprising such a unit Jaspers, Egbert G. T.
KR10-0852084 (KR10-2002-7011907)	KR	2008-08-06 (2002-01-10)	Unit and method for memory address translation and image processing apparatus comprising such a unit Jaspers, Egbert
6819326 (10/043536)	US	2004-11-16 (2002-01-11)	Memory address translation for image processing Egbert Gerarda Theodorus Jaspers

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EPI346436 (EP01270925.9)	EP	2006-07-12 (2001-11-29)	MULTIPLE FEED (FREQUENCY) FOLDED ANTENNA Kevin R. Boyle
(PCT/EP2001/014252)	WO	 (2001-11-29)	MULTIPLE FEED (FREQUENCY) FOLDED ANTENNA Kevin R. Boyle
6624795 (10/015707)	US	2003-09-23 (2001-11-30)	Antenna arrangement Kevin R. Boyle
(GB0030741.3)	GB	 (2000-12-16)	Multiple feed (frequency) folded antenna Kevin Boyle
JP3978136 (JP2002-550353)	JP	2007-06-29 (2001-11-29)	MULTIPLE FEED (FREQUENCY) FOLDED ANTENNA Kevin Boyle
DE60121470.6 (DE60121470.6)	DE	2006-07-12 (2001-11-29)	MULTIPLE FEED (FREQUENCY) FOLDED ANTENNA Kevin R. Boyle
CNZL02800225.3 (CN02800225.3)	CN	2009-05-27 (2002-01-15)	DIVERSITY FOR CAPACITIVELY BACK-COUPLED HANDSET Kevin Boyle
KR10-0903445 (KR10-2002-7013179)	KR	2009-06-10 (2002-01-15)	Wireless terminal with a plurality of antennas Kevin Boyle
CNZL00802503.7 (CN00802503.7)	CN	2005-05-11 (2000-08-30)	An amplifier for use in a mobile phone Dimitri Pavlovich Prikhodko
KR10-0834251 (KR10-2001-7005709)	KR	2008-05-26 (2000-08-30)	An amplifier for use in a mobile phone Dimitri Pavlovich Prikhodko

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KR10-0802686 (KR10-2002-7006708)	KR	2008-02-01 (2001-09-21)	SYSTEM AND METHOD FOR LOW OVERHEAD BOUNDARY Lomnie C. Goff
(EP00403699.2)	EP	(2000-12-28)	IP IN DIFFERENT MEMORY ACCESS CONTEXT Robin DIDIER
(PCT/IB2001/002537)	WO	(2001-12-12)	IP IN DIFFERENT MEMORY ACCESS CONTEXT Robin DIDIER
(EP01272745.9)	EP	(2001-12-12)	IP IN DIFFERENT MEMORY ACCESS CONTEXT Robin DIDIER
JP4090883 (JP2002-555294)	JP	2008-03-07 (2001-12-12)	System integrating agents having different resource-accessing schemes Robin DIDIER
TWI236588 (TW091103149)	TW	2005-07-21 (2002-02-22)	System integrating agents having different resource-accessing schemes Robin Didier
6606691 (10/024772)	US	2003-08-12 (2001-12-20)	System integrating agents having different resource-accessing schemes Robin Didier
(GB0102768.9)	GB	(2001-02-02)	Diversity for capacitively back-coupled handset Kevin Boyle
TWI192229 (TW091101500)	TW	2003-12-21 (2002-01-29)	Wireless terminal Kevin Boyle

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EPI360740 (EP02740052.2)	EP	2009-12-09 (2002-01-15)	DIVERSITY FOR CAPACITIVELY BACK- COUPLED HANDSET Kevin R. Boyle
6791498 (10/055386)	US	2004-09-14 (2002-01-23)	Wireless terminal Kevin R. Boyle
JP4347567 (JP2002-563554)	JP	2009-07-24 (2002-01-15)	DIVERSITY FOR CAPACITIVELY BACK- COUPLED HANDSET Kevin Boyle
(PCT/IB2002/000102)	WO	 (2002-01-15)	Wireless terminal with a plurality of antennas Kevin R. Boyle
GB1202450 (GB01203562.2)	GB	2007-10-10 (2001-09-20)	Circuit arrangement Andreas Wichern
CNZL01805076.X (CN01805076.X)	CN	2006-09-06 (2001-11-29)	MULTIPLE FEED (FREQUENCY) FOLDED ANTENNA Kevin Boyle
FR1346436 (FR01270925.9)	FR	2006-07-12 (2001-11-29)	Antenna arrangement Kevin R. Boyle
DE60130933.2 (DE60130933.2)	DE	2007-10-10 (2001-09-21)	SYSTEM AND METHOD FOR LOW OVERHEAD BOUNDARY Lonnie C. Goff
GB1099155 (GB00935087.7)	GB	2008-10-08 (2000-05-17)	Data-processing arrangement including an interrupt generator MARC DURANTON
KR10-0861868 (KR10-2002-7010539)	KR	2008-09-29 (2001-11-29)	MULTIPLE FEED (FREQUENCY) FOLDED ANTENNA Kevin R. Boyle

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FR1360740 (FR02740052.2)	FR	2009-12-09 (2002-01-15)	Wireless terminal with a plurality of antennas Kevin Boyle
FR1127407 (FR00964063.2)	FR	2010-07-21 (2000-08-30)	An amplifier for use in a mobile phone Dimitri Pavlovich Prikhodko
FR1202450 (FR01203562.2)	FR	2007-10-10 (2001-09-20)	Circuit arrangement Andreas Wichern
CNZL01808652.7 (CN01808652.7)	CN	2006-07-05 (2001-12-12)	IP IN DIFFERENT MEMORY ACCESS CONTEXT robin didier
DE60234680.0 (DE60234680.0)	DE	2009-12-09 (2002-01-15)	DIVERSITY FOR CAPACITIVELY BACK- COUPLED HANDSET Kevin Boyle
GB1360740 (GB02740052.2)	GB	2009-12-09 (2002-01-15)	Wireless terminal with a plurality of antennas Kevin Boyle
KR10-0867085 (KR10-2003-7001251)	KR	2008-10-29 (2002-05-28)	Selective access to multiple registers having a common name Lonnie C. Goff
(JP2001-500945)	JP	(2000-05-17)	Data-processing arrangement including an interrupt generator MARC DURANTON
TWI172236 (TW089110158)	TW	2003-02-21 (2000-05-25)	Data-processing arrangement including an interrupt generator MARC DURANTON
EP1099155 (EP00935087.7)	EP	2008-10-08 (2000-05-17)	Data-processing arrangement including an interrupt generator MARC DURANTON

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
6502151 (09/320809)	US	2002-12-31 (1999-05-27)	Data-processing arrangement including an interrupt generator MARC DURANTON
(PCT/EP2000/004605)	WO	 (2000-05-17)	Data-processing arrangement including an interrupt generator MARC DURANTON
FR1099155 (FR00935087.7)	FR	2008-10-08 (2000-05-17)	Data-processing arrangement including an interrupt generator MARC DURANTON
GB1346436 (GB01270925.9)	GB	2006-07-12 (2001-11-29)	Antenna arrangement Kevin R. Boyle
FR1451681 (FR01969757.2)	FR	2007-10-10 (2001-09-21)	System and method for low overhead boundary checking of java arrays Lonnie C. Goff
(KR10-2001-7001076)	KR	 (2000-05-17)	Data-processing arrangement including an interrupt generator MARC DURANTON
DE50113112.4 (DE50113112.4)	DE	2007-10-10 (2001-09-20)	Circuit arrangement Andreas Wichern
DE60044705.7 (DE60044705.7)	DE	2010-07-21 (2000-08-30)	Amplifier for use in a mobile phone Dimitri Pavlovich Prikhodko
(EP01983975.2)	EP	 (2001-10-17)	RASTERIZATION OF LINES IN A CYLINDRICAL VOXEL GRID William V. Baxter
6489961 (09/691574)	US	2002-12-03 (2000-10-17)	Rasterization of lines in a cylindrical voxel grid William V. Baxter

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(PCT/US2001/032246)	WO	(2001-10-17)	RASTERIZATION OF LINES IN A CYLINDRICAL VOXEL GRID William V. Baxter
(HK04100674.9)	HK	(2004-01-30)	Rasterization of Lines in a Cylindrical Voxel Grid William V Baxter III
8639580 (10/919909)	US	2014-01-28 (2004-08-16)	SYSTEM AND METHOD FOR EXTENSION OF GROUP BUYING THROUGHOUT THE INTERNET Tom Van Horn
7263498 (09/863801)	US	2007-08-28 (2001-05-22)	Attaining product inventory groupings for sales in a group-buying environment Tom Van Horn
(60/142471)	US	(1999-07-06)	System and method for extension of group buying throughout the internet JON C. ENGMAN
6934690 (09/409237)	US	2005-08-23 (1999-09-30)	System and method for extension of group buying throughout the internet TOM VAN HORN
(PCT/US2000/003798)	WO	(2000-02-14)	System and method for extension of group buying throughout the internet TOM VAN HORN
7480627 (09/686778)	US	2009-01-20 (2000-10-10)	System and method for extension of group buying throughout the internet Tom Van Horn
(60/206566)	US	(2000-05-23)	System and method for attaining product inventory groupings for sales in a group-buying environment Rich Halbert

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
6101484 (09/281859)	US	2000-08-08 (1999-03-31)	Dynamic market equilibrium management system, process and article of manufacture Niklas Gustafsson
 (PCT/US2000/003838)	WO	 (2000-02-15)	Dynamic market equilibrium management system, process and article of manufacture Richard V. Halbert
 (09/519023)	US	 (2000-03-03)	Dynamic market equilibrium management system, proces and article of manufacture Richard V. Halbert
7107230 (09/677095)	US	2006-09-12 (2000-09-29)	Dynamic market equilibrium management system, process and article of manufacture Richard V. Halbert
7194427 (09/684403)	US	2007-03-20 (2000-10-04)	On-line group-buying sale with increased value system and method Tom Van Horn
7603495 (10/511367)	US	2009-10-13 (2003-04-01)	Method of and device for changing an output rate Antonie Dijkhof
7123739 (09/969004)	US	2006-10-17 (2001-10-02)	Copy protection via multiple tests Michael Epstein
7103557 (10/028122)	US	2006-09-05 (2001-12-21)	Internet payment process based on return traffic Warner Rudolph Theophile Ten Kate
7096327 (09/785581)	US	2006-08-22 (2001-02-16)	System for and method of accessing blocks on a storage medium Nicolaas Lambert
7006658 (10/024787)	US	2006-02-28 (2001-12-20)	Varying segment sizes to increase security Michael Epstein

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CNZL03808655.7 (CN03808655.7)	CN	2008-10-22 (2003-04-01)	Method of and device for changing an output rate Antonie Dijkhof
JP4320390 (JP2003-586740)	JP	2009-06-12 (2003-04-01)	Method of and device for changing an output rate Antonie Dijkhof
KR10-0950172 (KR10-2004-7016715)	KR	2010-03-23 (2003-04-01)	OUTPUT RATE CHANGE Antonie Dijkhof
CNZL02800420.5 (CN02800420.5)	CN	2006-05-10 (2002-02-14)	Copy protection via multiple tests Michael Epstein
DE60212653.3 (DE60212653.3)	DE	2006-06-21 (2002-02-14)	Copy protection via multiple tests Michael Epstein
FR1423764 (FR02712139.1)	FR	2006-06-21 (2002-02-14)	Copy protection via multiple tests Michael Epstein
GB1423764 (GB02712139.1)	GB	2006-06-21 (2002-02-14)	Copy protection via multiple tests Michael Epstein
(JP2002-568127)	JP	(2002-02-14)	Copy protection via multiple tests Michael Epstein
(KR10-2002-7014253)	KR	(2002-02-14)	Copy protection via multiple tests Michael Epstein
DE60114888.6 (DE60114888.6)	DE	2005-11-09 (2001-12-10)	Internet payment process based on return traffic Warner R. T. Ten Kate
FR1368762 (FR01272137.9)	FR	2005-11-09 (2001-12-10)	Internet payment process based on return traffic Warner R. T. Ten Kate

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
GB1368762 (GB01272137.9)	GB	2005-11-09 (2001-12-10)	Internet payment process based on return traffic Warner R. T. Ten Kate
(KR10-2002-7010962)	KR	 (2001-12-10)	Internet payment process based on return traffic Warner R. T. Ten Kate
CNZL01801389.9 (CN01801389.9)	CN	2005-09-07 (2001-03-13)	System for and method of accessing blocks on a storage medium Nicolaas Lambert
GB1092220 (GB00918895.4)	GB	2006-02-22 (2000-04-27)	REGISTERING COPY PROTECTED MATERIAL IN A CHECK-OUT, CHECK-IN SYSTEM Michael A. Epstein
7134145 (09/548728)	US	2006-11-07 (2000-04-13)	Registering copy protected material in a check-out, check-in system Michael A. Epstein
CNZL00800740.3 (CN00800740.3)	CN	2004-09-08 (2000-04-27)	REGISTERING COPY PROTECTED MATERIAL IN A CHECK-OUT, CHECK-IN SYSTEM Michael A. Epstein
DE60026137.9 (DE60026137.9)	DE	2006-02-22 (2000-04-27)	REGISTERING COPY PROTECTED MATERIAL IN A CHECK-OUT, CHECK-IN SYSTEM Michael A. Epstein
FR1092220 (FR00918895.4)	FR	2006-02-22 (2000-04-27)	REGISTERING COPY PROTECTED MATERIAL IN A CHECK-OUT, CHECK-IN SYSTEM Michael A. Epstein

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KR10-0721269 (KR10-2000-7015112)	KR	2007-05-17 (2000-04-27)	REGISTERING COPY PROTECTED MATERIAL IN A CHECK-OUT, CHECK-IN SYSTEM Michael A. Epstein
EPI366459 (EP02717977.9)	EP	2006-05-03 (2002-02-26)	Fingerprint sensor with potential modulation of the ESD protective screen Manfred Greschitz
(PCT/DE2002/000690)	WO	 (2002-02-26)	Fingerprint sensor with potential modulation of the ESD protective screen Manfred Greschitz
(DE10110724.2)	DE	 (2001-03-06)	Fingerprint sensor with potential modulation of the ESD protective screen Manfred Greschitz
AT325393 (AT02717977.9)	AT	2006-05-03 (2002-02-26)	Fingerprint sensor with potential modulation of the ESD protective screen Manfred Greschitz
DE50206660.1 (DE50206660.1)	DE	2006-05-03 (2002-02-26)	Fingerprint sensor with potential modulation of the ESD protective screen Manfred Greschitz
FR1366459 (FR02717977.9)	FR	2006-05-03 (2002-02-26)	Fingerprint sensor with potential modulation of the ESD protective screen Manfred Greschitz
7027625 (10/657603)	US	2006-04-11 (2003-09-08)	Fingerprint sensor with potential modulation of the ESD protective grating Manfred Greschitz
(IN/PCT/2001/00280/KOL)	IN	 (1999-09-01)	Method and device for capacitive identification of image Stefan Jung

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RU2192666 (RU2001109244)	RU	2002-11-10 (1999-09-01)	Method and device for capacitive identification of image Stefan Jung
6842542 (09/801962)	US	2005-01-11 (1999-09-01)	Method and device for capacitive image acquisition Stefan Jung
(PCT/DE1999/002727)	WO	 (1999-09-01)	Method and device for capacitively acquiring images Stefan Jung
CNZL99810445.0 (CN99810445.0)	CN	2005-11-02 (1999-09-01)	Method and device for capacitively acquiring images Stefan Jung
DE19841001.8 (DE19841001.8)	DE	2000-04-20 (1998-09-08)	Method and device for capacitively acquiring images Stefan Jung
EP1110170 (EP99953643.6)	EP	2006-05-10 (1999-09-01)	Method and device for capacitively acquiring images Stefan Jung
(JP2000-569347)	JP	 (1999-09-01)	Method and device for capacitively acquiring images Stefan Jung
DE59913415.1 (DE59913415.1)	DE	2006-05-10 (1999-09-01)	Method and device for capacitively acquiring images Stefan Jung
FR1110170 (FR99953643.6)	FR	2006-05-10 (1999-09-01)	Method and device for capacitively acquiring images Stefan Jung

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KR10-0417726 (KR10-2001-7002992)	KR	2004-01-27 (1999-09-01)	Method and device for capacitively acquiring images Stefan Jung
(BR9913510-8)	BR	 (1999-09-01)	Method and device for capacitively acquiring images Stefan Jung
UA55557 (UA2001031588)	UA	2003-04-15 (1999-09-01)	Method and device for capacitive identification of image Stefan Jung
(MX01002394)	MX	 (1999-09-01)	Method and device for capacitively acquiring images Stefan Jung
(60/274083)	US	 (2001-03-07)	CENTRALIZED ELECTRONIC SALES USING A CONSOLIDATOR Philip A. Berlin
(PCT/US2001/011904)	WO	 (2001-04-11)	CENTRALIZED ELECTRONIC SALES USING A CONSOLIDATOR Philip A. Berlin
(10/470884)	US	 (2001-04-11)	CENTRALIZED ELECTRONIC SALES USING A CONSOLIDATOR Philip A. Berlin
(11/754525)	US	 (2007-05-29)	CENTRALIZED ELECTRONIC SALES USING A CONSOLIDATOR Philip A. Berlin
7827071 (11/861922)	US	2010-11-02 (2007-09-26)	CENTRALIZED ELECTRONIC SALES USING A CONSOLIDATOR Philip A. Berlin

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(11/958555)	US	(2007-12-18)	CENTRALIZED ELECTRONIC SALES USING A CONSOLIDATOR Phil A. Berlin
7577595 (12/188422)	US	2009-08-18 (2008-08-08)	METHOD AND SYSTEM OF CONDUCTING ELECTRONIC COMMERCE UTILIZING A CONSOLIDATOR Philip A. Berlin
8190492 (12/904376)	US	2012-05-29 (2010-10-14)	CENTRALIZED ELECTRONIC SALES USING A CONSOLIDATOR Philip A. Berlin
6768963 (10/170049)	US	2004-07-27 (2002-06-12)	Geo-location systems Joseph C. Liberti
7257545 (09/625442)	US	2007-08-14 (2000-07-26)	Configurable electronic redeemable coupon Patrick Siu-ying Hung
(60/173730)	US	(1999-12-30)	Low cost volumetric three dimensional display CRAIG STUART TASHMAN
(60/213979)	US	(2000-06-24)	Low cost volumetric three dimensional display Craig Stuart Tashman
6697034 (09/755309)	US	2004-02-24 (2001-01-02)	Volumetric, stage-type three-dimensional display, capable of producing color images and performing omni-viewpoint simulated hidden line removal Craig Stuart Tashman
(60/093120)	US	(1998-07-15)	METHOD AND SYSTEM FOR ARCHIVING AND FILTERING JUNK E-MAIL MESSAGES Stephen Y.F. Pang

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(09/353537)	US	(1999-07-14)	SYSTEM FOR POLICING JUNK E-MAIL MESSAGES Stephen Y.F. Pang
7275082 (10/656502)	US	2007-09-25 (2003-09-04)	SYSTEM FOR POLICING JUNK E-MAIL MESSAGES Stephen Y. F. Pang
7779080 (11/841883)	US	2010-08-17 (2007-08-20)	SYSTEM FOR POLICING JUNK E-MAIL MESSAGES Stephen Y. F. Pang
7685242 (11/862195)	US	2010-03-23 (2007-09-27)	SYSTEM FOR POLICING JUNK E-MAIL MESSAGES Stephen Y. F. Pang
8219627 (12/729186)	US	2012-07-10 (2010-03-22)	SYSTEM FOR POLICING JUNK E-MAIL MESSAGES Stephen Y.F. Pang
7281274 (10/685536)	US	2007-10-09 (2003-10-16)	Electronic media distribution system Damian Franken Manning
7917965 (11/842854)	US	2011-03-29 (2007-08-21)	ELECTRONIC MEDIA DISTRIBUTION SYSTEM Damian Franken Manning
8973160 (13/073326)	US	2015-03-03 (2011-03-28)	ELECTRONIC MEDIA DISTRIBUTION SYSTEMS Damian Franken Manning
9648069 (14/636255)	US	2017-05-09 (2015-03-03)	ELECTRONIC MEDIA DISTRIBUTION SYSTEM Damian Franken Manning

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
9491215 (14/700778)	US	2016-11-08 (2015-04-30)	ELECTRONIC MEDIA DISTRIBUTION SYSTEM Damian Franken Manning
10257243 (15/587782)	US	2019-04-09 (2017-05-05)	ELECTRONIC MEDIA DISTRIBUTION SYSTEM Damian Franken Manning
 (PCT/US2004/033936)	WO	 (2004-10-15)	ELECTRONIC MEDIA DISTRIBUTION SYSTEM Damian Franken Manning
7249053 (10/462578)	US	2007-07-24 (2003-06-16)	Presentation of messages to end-users in a computer network Robert W. Wohlers
 (PCT/US2004/009765)	WO	 (2004-03-31)	Presentation of messages to end-users in a computer network Robert W. Wohlers
 (EP04749554.4)	EP	 (2004-03-31)	Presentation of messages to end-users in a computer network Robert W. Wohlers
 (JP2006-517081)	JP	 (2004-03-31)	Presentation of messages to end-users in a computer network Robert W. Wohlers
 (KR10-2005-7024214)	KR	 (2004-03-31)	Presentation of messages to end-users in a computer network Robert W. Wohlers
7315049 (11/538786)	US	2008-01-01 (2006-10-04)	LED ASSEMBLY WITH VENTED CIRCUIT BOARD Robert Bogdan Raos

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7138659 (10/847343)	US	2006-11-21 (2004-05-18)	LED ASSEMBLY WITH VENTED CIRCUIT BOARD Robert Bogdan Raos
(PCT/US2005/009302)	WO	 (2005-03-17)	LED ASSEMBLY WITH VENTED CIRCUIT BOARD Robert Bogdan Raos
(11/538769)	US	 (2006-10-04)	LED ASSEMBLY WITH VENTED CIRCUIT BOARD Robert Bogdan Raos
(11/538779)	US	 (2006-10-04)	LED ASSEMBLY WITH VENTED CIRCUIT BOARD Robert Bogdan Raos
(11/538790)	US	 (2006-10-04)	LED ASSEMBLY WITH VENTED CIRCUIT BOARD Robert Bogdan Raos
6534853 (09/873420)	US	2003-03-18 (2001-06-05)	Semiconductor wafer designed to avoid probed marks while testing Liu, An-Hong
6605480 (09/994700)	US	2003-08-12 (2001-11-28)	Wafer level packaging for making flip-chips Liu, An-Hong
TWD117211 (TW095302985)	TW	2007-05-21 (2006-06-01)	Heat dissipator Yi-He Huang
DE40605436.3 (DE40605436.3)	DE	2007-05-14 (2006-10-17)	Heat dissipator Yi-He Huang
CNZL200630134161.6 (CN200630134161.6)	CN	2007-04-18 (2006-06-12)	Heat dissipator Yi-He Huang

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D564085 (29/249307)	US	2008-03-11 (2006-09-29)	Heat dissipator Yi-He Huang
KR30-0449956 (KR30-2006-0048493)	KR	2007-05-11 (2006-12-06)	Cooling pads for electronic devices Chung, Yueh-Ting
CNZL200630129460.0 (CN200630129460.0)	CN	2007-04-18 (2006-08-14)	Cool pad for electronic device Chung, Yueh-Ting
TWD118400 (TW095304502)	TW	2007-08-01 (2006-08-10)	Cool pad for electronic device Yueh-Ting Chung
D571815 (29/276126)	US	2008-06-24 (2007-01-16)	Cool pad for electronic device Yueh-Ting Chung
TWD120603 (TW096300010)	TW	2007-12-21 (2007-01-02)	Fan control box for electronic devices Chen-Wang Tsai
D562263 (29/281058)	US	2008-02-19 (2007-06-14)	Fan control box for electronic devices Chen-Wang Tsai
CNZL200730000207.X (CN200730000207.X)	CN	2007-12-26 (2007-01-04)	Fan control box for electronic devices Chen-Wang Tsai
DE40703242.8 (DE40703242.8)	DE	2007-10-17 (2007-06-21)	Fan control box for electronic devices Tsai, Chen-Wang
DE40703996.1 (DE40703996.1)	DE	2007-10-22 (2007-08-01)	Cooling equipment Chung, Yueh-Ting
TWD122755 (TW096303018)	TW	2008-05-01 (2007-05-31)	Cool pad for electronic device Chung, Yueh-Ting

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D574005 (29/281828)	US	2008-07-29 (2007-07-03)	Cool pad for electronic device Yueh-Ting Chung
(PCT/US2001/030736)	WO	(2001-10-02)	Orthogonally reconfigurable integrated matrix acoustical array Kenneth Erikson
(60/173077)	US	(1999-12-24)	Multi-color, multi-focal plane optical detectors Thomas S. Faska
(PCT/US2005/005005)	WO	(2005-02-17)	QWIP with tunable spectral response Mani Sundaram
6875975 (09/746956)	US	2005-04-05 (2000-12-22)	Multi-color, multi-focal plane optical detector Thomas S. Faska
7238960 (10/781523)	US	2007-07-03 (2004-02-18)	QWIP with enhanced optical coupling Mani Sundaram
(60/256675)	US	(2000-12-18)	Multi-color, multi-focal plane optical detector Thomas S. Faska
(EP05764683.8)	EP	(2005-02-03)	QWIP with enhanced optical coupling Mani Sundaram
7291858 (10/829574)	US	2007-11-06 (2004-04-22)	QWIP with tunable spectral response Mani Sundaram
(EP00990331.1)	EP	(2000-12-22)	Multi-color, multi-focal plane optical detector Thomas Faska
(PCT/US2000/035162)	WO	(2000-12-22)	Multi-color, multi-focal plane optical detector Thomas Faska

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(PCT/US2005/003321)	WO	(2005-02-03)	QWIP with enhanced optical coupling Mani Sundaram
(EP05723186.2)	EP	(2005-02-17)	QWIP with tunable spectral response Mani Sundaram
(PCT/US2002/018876)	WO	(2002-06-13)	Piezocomposite ultrasound array and integrated circuit assembly Kenneth R. Erikson
6589180 (10/094851)	US	2003-07-08 (2002-03-08)	Acoustical array with multilayer substrate integrated circuits Kenneth R. Erikson
6524254 (09/969438)	US	2003-02-25 (2001-10-02)	Orthogonally reconfigurable integrated matrix acoustical array Kenneth R. Erikson
6752763 (10/308246)	US	2004-06-22 (2002-12-02)	Orthogonally reconfigurable integrated matrix acoustically array Kenneth R. Erikson
(60/299634)	US	(2001-06-20)	Ultrasound Arrays Kenneth R. Erikson
(PCT/US2002/007596)	WO	(2002-03-08)	Acoustical array with multilayer substrate integrated circuits Kenneth Erikson
6776762 (10/172536)	US	2004-08-17 (2002-06-13)	Piezocomposite ultrasound array and integrated circuit assembly with improved thermal expansion and acoustical crosstalk characteristics Kenneth R. Erikson

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6438982 (09/912489)	US	2002-08-27 (2001-07-26)	Cooling container for vehicles Bernhard Duerr
IT1390240 (IT01965180.1)	IT	2005-10-19 (2001-08-07)	Electronic starter and steering lock device for a motor vehicle Michael Geber
DE50007771.1 (DE50007771.1)	DE	2004-09-15 (2000-06-23)	Procedure for setting a supercharged internal combustion engine with exhaust gas recirculation Wolfram Schmid
FR1119699 (FR00942119.9)	FR	2004-09-15 (2000-06-23)	Method for controlling a supercharged combustion engine with exhaust gas recycle Wolfram Schmid
IT1119699 (IT00942119.9)	IT	2004-09-15 (2000-06-23)	Method for adjusting a boosted internal combustion engine with exhaust gas recirculation Wolfram Schmid
NL1119699 (NL00942119.9)	NL	2004-09-15 (2000-06-23)	Method for making a charged internal combustion engine with exhaust gas recycle. Wolfram Schmid
6543230 (09/806868)	US	2003-04-08 (2000-06-23)	Method for adjusting a boosted internal combustion engine with exhaust gas recirculation Wolfram Schmid
DE50107780.4 (DE50107780.4)	DE	2005-10-19 (2001-08-07)	Electronic starter and steering lock device for a motor vehicle Michael Geber
FR1390240 (FR01965180.1)	FR	2005-10-19 (2001-08-07)	Electronic starter and steering lock device for a motor vehicle Michael Geber

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GB1390240 (GB01965180.1)	GB	2005-10-19 (2001-08-07)	Electronic starter and steering lock device for a motor vehicle Michael Geber
JP3720023 (JP2002-517344)	JP	2005-09-16 (2001-08-07)	Electronic starter and steering lock device for a motor vehicle Michael Geber
6914347 (10/344282)	US	2005-07-05 (2001-08-07)	Electronic starter and steering lock device for a motor vehicle Michael Geber
6922636 (10/168623)	US	2005-07-26 (2000-12-16)	Detection of road conditions using a beam from an external system i.e. GPS, DBS B. Kannan Balasubramanian
(DE10119726.8)	DE	 (2001-04-21)	Method for generating a current reference value for a load-based power generation system Michael Buck
6859017 (10/125569)	US	2005-02-22 (2002-04-19)	Method for generating a setpoint current value for a load-dependent current-generating system Michael Buck
6733133 (10/016698)	US	2004-05-11 (2001-10-30)	Projection device inside a motor vehicle Frank Egle
ES1390240 (ES01965180.1)	ES	2005-10-19 (2001-08-07)	Electronic starter and steering lock device for a motor vehicle Michael Geber
6904995 (10/343711)	US	2005-06-14 (2001-07-31)	Arrangement of operator control elements Emil Dinkel

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
6453361 (09/698777)	US	2002-09-17 (2000-10-27)	Meta-application architecture for integrating photo-service websites Robert Paul Morris
(PCT/US2001/050190)	WO	 (2001-10-26)	META-APPLICATION ARCHITECHTURE FOR INTEGRATING PHOTO-SERVICE WEBSITES Robert Paul Morris
(EP01987493.2)	EP	 (2001-10-26)	META-APPLICATION ARCHITECHTURE FOR INTEGRATING PHOTO-SERVICE WEBSITES Robert Paul Morris
(JP2002-545343)	JP	 (2001-10-26)	Meta-application architecture for integrating photo-service websites Robert Paul Morris
7443419 (10/658999)	US	2008-10-28 (2003-09-09)	Automatically configuring a web-enabled digital camera to access the internet Eric C. Anderson
8009194 (12/212113)	US	2011-08-30 (2008-09-17)	Automatically Configuring A Web-Enabled Digital Camera To Access The Internet Eric C. Anderson
DE60135921.6 (DE60135921.6)	DE	2008-09-24 (2001-06-20)	Automatically configuring a web-enabled digital camera to access the internet Eric C. Anderson
(PCT/US2001/041089)	WO	 (2001-06-20)	Automatically configuring a web-enabled digital camera to access the internet Eric C. Anderson
EP1325633 (EP01984379.6)	EP	2008-09-24 (2001-06-20)	Automatically configuring a web-enabled digital camera to access the internet Eric C. Anderson

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6636259 (09/625824)	US	2003-10-21 (2000-07-26)	Automatically configuring a web-enabled digital camera to access the internet Eric C. Anderson
JP4383738 (JP2002-515024)	JP	2009-10-02 (2001-06-20)	Automatically configuring a web-enabled digital camera to access the internet Eric C. Anderson
8572663 (13/183566)	US	2013-10-29 (2011-07-15)	Automatically configuring a web-enabled portable device to access the internet Eric C. Anderson
GB1325633 (GB01984379.6)	GB	2008-09-24 (2001-06-20)	Automatically configuring a web-enabled digital camera to access the internet Eric C. Anderson
9736196 (15/003638)	US	2017-08-15 (2016-01-21)	Automatically configuring a web-enabled portable device to access the internet Eric C. Anderson
9276968 (14/024515)	US	2016-03-01 (2013-09-11)	Automatically configuring a web-enabled portable device to access the internet Eric C. Anderson
FR1325633 (FR01984379.6)	FR	2008-09-24 (2001-06-20)	Automatically configuring a web-enabled digital camera to access the internet Eric C. Anderson
D558619 (29/259609)	US	2008-01-01 (2006-05-12)	GPS (global positioning system) receiver Reinier Leopold Bloem
D531068 (29/251403)	US	2006-10-31 (2006-01-09)	Satellite locator Cheng-Kuei Fan
TWD108705 (TW093307336)	TW	2006-01-11 (2004-12-03)	PDA phone Huei-Yun Gong

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D526983 (29/221656)	US	2006-08-22 (2005-01-21)	PDA phone Huei-Yun Gong
D559233 (29/274824)	US	2008-01-08 (2007-05-30)	Wireless GPS receiver Pi-Chi Tang
D548735 (29/239686)	US	2007-08-14 (2005-10-04)	Personal digital assistant Pi-Chi Tang
D540205 (29/259606)	US	2007-04-10 (2006-05-12)	GPS (global positioning system) receiver Ming-Cheng Hsu
D542679 (29/259610)	US	2007-05-15 (2006-05-12)	GPS (global positioning system) receiver Reinier Leopold Bloem
DE40500232.7 (DE40500232.7)	DE	2005-03-04 (2005-01-17)	PDA phone Huei-Yun Gong
D564921 (29/279386)	US	2008-03-25 (2007-04-29)	Handheld GPS navigator with PDA functionality Chao-Chung Cheng
7921036 (12/459282)	US	2011-04-05 (2009-06-29)	Method and system for dynamically targeting content based on automatic demographics and behavior analysis Rajeev Sharma
(60/376640)	US	(2002-04-30)	Method and System for Selectively Executing Content on a Device Based on Automatic Recognition of Demographic Characteristics of an Audience from Video Sequences Rajeev Sharma

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(10/425489)	US	(2003-04-29)	Method and System for Selectively Executing Content on a Device Based on Automatic Recognition of Demographic Characteristics of an Audience from Video Sequences Rajeev Sharma
7293244 (10/451708)	US	2007-11-06 (2001-12-18)	Computing device with user interface for navigating a contacts list Stephen Randall
7089033 (10/847133)	US	2006-08-08 (2004-05-17)	Mobile terminal having UWB and cellular capability Marko E Leinonen
DE602005048242.3 (DE602005048242.3)	DE	2016-01-06 (2005-05-09)	MOBILE TERMINAL HAVING UWB AND CELLULAR CAPABILITY Jukka M Kansanaho
FR1747616 (FR05747560.0)	FR	2016-01-06 (2005-05-09)	MOBILE TERMINAL HAVING UWB AND CELLULAR CAPABILITY Jukka M Kansanaho
GB1747616 (GB05747560.0)	GB	2016-01-06 (2005-05-09)	MOBILE TERMINAL HAVING UWB AND CELLULAR CAPABILITY Jukka M Kansanaho
GB2370208 (GB0030699.3)	GB	2005-06-29 (2000-12-18)	Computing device with user interface for navigating a contacts list Stephen Randall
(PCT/GB2001/005601)	WO	(2001-12-18)	COMPUTING DEVICE WITH USER INTERFACE FOR NAVIGATING A CONTACTS LIST Stephen Randall

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EP1348158 (EP01271573.6)	EP	2004-09-29 (2001-12-18)	COMPUTING DEVICE WITH USER INTERFACE FOR NAVIGATING A CONTACTS LIST Stephen Randall
DE60106082.2 (DE60106082.2)	DE	2004-09-29 (2001-12-18)	Computing device with user interface for navigating a contacts list Stephen Randall
FI1348158 (FI01271573.6)	FI	2004-09-29 (2001-12-18)	Computing device with user interface for navigating a contacts list Stephen Randall
FR1348158 (FR01271573.6)	FR	2004-09-29 (2001-12-18)	Computing device with user interface for navigating a contacts list Stephen Randall
GB1348158 (GB01271573.6)	GB	2004-09-29 (2001-12-18)	Computing device with user interface for navigating a contacts list Stephen Randall
SE1348158 (SE01271573.6)	SE	2004-09-29 (2001-12-18)	Computing device with user interface for navigating a contacts list Stephen Randall
(11/877164)	US	(2007-10-23)	Computing Device with User Interface for Navigating a Contacts List Stephen Randall
(PCT/IB2005/001244)	WO	(2005-05-09)	MOBILE TERMINAL HAVING UWB AND CELLULAR CAPABILITY Jukka M Kansanaho
EP1747616 (EP05747560.0)	EP	2016-01-06 (2005-05-09)	MOBILE TERMINAL HAVING UWB AND CELLULAR CAPABILITY Jukka M Kansanaho

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7124186 (10/067485)	US	2006-10-17 (2002-02-04)	Method for communicating a live performance and an incentive to a user computer via a network in real time in response to a request from the user computer, wherein a value of the incentive is dependent upon the distance between a geographic location of the user computer and a specified business establishment Gregory A. Piccionelli
(60/266516)	US	 (2001-02-05)	Performance distribution method Gregory A. Piccionelli
7890124 (11/536266)	US	2011-02-15 (2006-09-28)	Location based information delivery William L. Smith
6990495 (09/945759)	US	2006-01-24 (2001-09-05)	System and method for finding persons in a corporate entity Tom Grason
(11/302687)	US	 (2005-12-14)	System and method for finding persons in a corporate entity Tom Grason
(12/370839)	US	 (2009-02-13)	System and method for finding persons in a corporate entity Tom Grason
6563959 (09/364302)	US	2003-05-13 (1999-07-30)	PERCEPTUAL SIMILARITY IMAGE RETRIEVAL METHOD Vlad Troyanker
(09/507477)	US	 (2000-02-17)	PERCEPTUAL SIMILARITY IMAGE RETRIEVAL Vlad Troyanker

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(PCT/US2000/020772)	WO	(2000-07-27)	IMAGE RETRIEVAL BY GENERATING A DESCRIPTOR FOR EACH SPOT OF AN IMAGE THE CELLS OF WHICH HAVING VISUAL CHARACTERISTICS WITHIN A SELECTED TOLERANCE Vlad Troyanker
EP1516264 (EP00952316.8)	EP	2017-05-24 (2000-07-27)	IMAGE RETRIEVAL BY GENERATING A DESCRIPTOR FOR EACH SPOT OF AN IMAGE THE CELLS OF WHICH HAVING VISUAL CHARACTERISTICS WITHIN A SELECTED TOLERANCE Vlad Troyanker
DE60049628.7 (DE60049628.7)	DE	2017-05-24 (2000-07-27)	IMAGE RETRIEVAL BY GENERATING A DESCRIPTOR FOR EACH SPOT OF AN IMAGE THE CELLS OF WHICH HAVING VISUAL CHARACTERISTICS WITHIN A SELECTED TOLERANCE Vlad Troyanker
FR1516264 (FR00952316.8)	FR	2017-05-24 (2000-07-27)	IMAGE RETRIEVAL BY GENERATING A DESCRIPTOR FOR EACH SPOT OF AN IMAGE THE CELLS OF WHICH HAVING VISUAL CHARACTERISTICS WITHIN A SELECTED TOLERANCE Vlad Troyanker
GB1516264 (GB00952316.8)	GB	2017-05-24 (2000-07-27)	IMAGE RETRIEVAL BY GENERATING A DESCRIPTOR FOR EACH SPOT OF AN IMAGE THE CELLS OF WHICH HAVING VISUAL CHARACTERISTICS WITHIN A SELECTED TOLERANCE Vlad Troyanker
7031555 (10/378160)	US	2006-04-18 (2003-02-28)	PERCEPTUAL SIMILARITY IMAGE RETRIEVAL Vlad Troyanker

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6677835 (09/987988)	US	2004-01-13 (2001-11-16)	SAW filter with an attenuation pole including a band-pass ladder type of saw filter having a saw resonator Kazushige Noguchi
RE43958 (11/328497)	US	2013-02-05 (2006-01-10)	Surface acoustic wave filter and SAW filter package Kazushige Noguchi
JP3868473 (JP2006-064662)	JP	2006-10-20 (2001-01-11)	SAW filter and SAW filter package Kazushige Noguchi
JP3907673 (JP2005-311683)	JP	2007-01-26 (2001-01-11)	SAW filter package Satoshi Terada
JP3868472 (JP2006-064661)	JP	2006-10-20 (2001-01-11)	Filter package Kazushige Noguchi
JP3980046 (JP2006-148473)	JP	2007-07-06 (2001-01-11)	SAW filter package Kazushige Noguchi
JP3614369 (JP2001-003488)	JP	2004-11-12 (2001-01-11)	Polarized SAW filter Kazushige Noguchi
(JP2006-327013)	JP	(2001-01-11)	SAW filter Satoshi Terada
(JP2004-264106)	JP	(2001-01-11)	Polarized SAW filter Satoshi Terada
6489860 (09/667803)	US	2002-12-03 (2000-09-22)	Surface acoustic wave duplexer with first and second package ground patterns Wataru Ohashi

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JP3363870 (JP2000-157563)	JP	2002-10-25 (2000-05-29)	Surface acoustic wave branching filter Wataru Ohashi
6742140 (09/728537)	US	2004-05-25 (2000-12-01)	Method for using volatile memory for long-term storage Jason R. Caulkins
6643209 (10/215986)	US	2003-11-04 (2002-08-08)	Apparatus for using volatile memory for long-term storage Jason R. Caulkins
(PCT/US2001/000919)	WO	 (2001-01-12)	Method and apparatus for using volatile memory for long-term storage Jason R. Caulkins
6473355 (09/728457)	US	2002-10-29 (2000-12-01)	Apparatus for using volatile memory for long-term storage Jason R. Caulkins
7010169 (10/123061)	US	2006-03-07 (2002-04-15)	Multi-point predictive foveation for bandwidth reduction of moving images Philip Ted Kortum
7499594 (10/279778)	US	2009-03-03 (2002-10-23)	Multi-resolution predictive foveation for bandwidth reduction of moving images Philip T. Kortum
7251373 (11/313335)	US	2007-07-31 (2005-12-21)	Multi-point predictive foveation for bandwidth reduction of moving images Philip Ted Kortum
7406207 (11/820696)	US	2008-07-29 (2007-06-20)	Multi-point predictive foveation for bandwidth reduction of moving images Philip Ted Kortum

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7894682 (12/166861)	US	2011-02-22 (2008-07-02)	Multi-point predictive foveation for bandwidth reduction of moving images Philip Ted Kortum
7783120 (12/367176)	US	2010-08-24 (2009-02-06)	Multi-resolution foveation for bandwidth reduction of moving images Philip T. Kortum
7317926 (10/878507)	US	2008-01-08 (2004-06-28)	Synchronous transmission of data with network remote control Jocelyn Cloutier
(12/045089)	US	(2008-03-10)	Synchronous transmission of data with network remote control Jocelyn Cloutier
(09/736430)	US	(2000-12-15)	Synchronous transmission of data with network remote control Jocelyn Cloutier
(11/472023)	US	(2006-06-21)	Synchronous transmission of data with network remote control Jocelyn Cloutier
(11/879711)	US	(2007-07-18)	Synchronous transmission of data with network remote control Jocelyn Cloutier
7316032 (10/307832)	US	2008-01-01 (2002-12-02)	Method for allowing a customer to preview, acquire and/or pay for information and a system therefor Amad Tayebi

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7562397 (11/017381)	US	2009-07-14 (2004-12-20)	Method and system for facilitating search, selection, preview, purchase evaluation, offering for sale, distribution, and/or sale of digital content and enhancing the security thereof Ashish K. Mithal
10554424 (12/497687)	US	2020-02-04 (2009-07-05)	Enhanced Security Preview of Digital Content Ashish K. Mithal
(60/339015)	US	(2001-12-01)	A method for allowing a customer to preview, acquire and/or pay for information and a system therefor Amad Tayebi
(60/363989)	US	(2002-03-14)	A method for allowing a customer to preview, acquire and/or pay for information and a system therefor Amad Tayebi
(60/531246)	US	(2003-12-20)	A method for facilitating preview, purchase evaluation, distribution and sale of digital content and a system therefor Amad Tayebi
(60/559628)	US	(2004-04-05)	A method and system for protecting digital content and enhancing the security thereof Ashish K. Mithal
(11/944628)	US	(2007-11-25)	Method for allowing a customer to preview, acquire and/or pay for information and a system therefor Amad Tayebi
(11/944623)	US	(2007-11-25)	Method for allowing a customer to preview, acquire and/or pay for information and a system therefor Amad Tayebi

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8069489 (12/488586)	US	2011-11-29 (2009-06-21)	Method and system for facilitating search, selection, preview, purchase evaluation, offering for sale, distribution, and/or sale of digital content and enhancing the security thereof Ashish K. Mithal
(12/785460)	US	(2010-05-23)	Method for allowing a customer to preview, acquire and/or pay for information and a system therefor Amad Tayebi
(13/282457)	US	(2011-10-26)	Method for allowing a customer to preview, acquire and/or pay for information and a system therefor Amad Tayebi
11418356 (16/728621)	US	2022-08-16 (2019-12-27)	Method and system for facilitating search, selection, preview, purchase evaluation, offering for sale, distribution and/or sale of digital content and enhancing the security thereof Ashish K. Mithal
7805747 (09/866523)	US	2010-09-28 (2001-05-25)	METHOD AND SYSTEM FOR PROVIDING INTERACTIVE LOOK-AND-FEEL IN A DIGITAL BROADCAST VIA AN X-Y PROTOCOL Walter R. Klappert
CA2275961 (CA2275961)	CA	2005-03-15 (1997-12-23)	METHOD AND SYSTEM FOR PROVIDING INTERACTIVE LOOK-AND-FEEL IN A DIGITAL BROADCAST VIA AN X-Y PROTOCOL Walter R. Klappert

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6256785 (08/774055)	US	2001-07-03 (1996-12-23)	METHOD AND SYSTEM FOR PROVIDING INTERACTIVE LOOK-AND-FEEL IN A DIGITAL BROADCAST VIA AN X-Y PROTOCOL Walter R. Klappert
DE69739241.4 (DE69739241.4)	DE	2009-02-04 (1997-12-23)	METHOD AND SYSTEM FOR PROVIDING INTERACTIVE LOOK-AND-FEEL IN A DIGITAL BROADCAST VIA AN X-Y PROTOCOL Walter R. Klappert
 (PCT/US1997/023984)	WO	 (1997-12-23)	METHOD AND SYSTEM FOR PROVIDING INTERACTIVE LOOK-AND-FEEL IN A DIGITAL BROADCAST VIA AN X-Y PROTOCOL Walter R. Klappert
EP0947094 (EP97954260.2)	EP	2009-02-04 (1997-12-23)	METHOD AND SYSTEM FOR PROVIDING INTERACTIVE LOOK-AND-FEEL IN A DIGITAL BROADCAST VIA AN X-Y PROTOCOL Walter R. Klappert
8650607 (12/861594)	US	2014-02-11 (2010-08-23)	METHOD AND SYSTEM FOR PROVIDING INTERACTIVE LOOK-AND-FEEL IN A DIGITAL BROADCAST VIA AN X Y PROTOCOL Walter R. Klappert
EP1228640 (EP00977088.4)	EP	2008-08-27 (2000-11-08)	SYSTEM AND METHOD FOR COLOR PALETTE TRANSLATION Brian K. White
 (PCT/US2000/030756)	WO	 (2000-11-08)	SYSTEM AND METHOD FOR COLOR PALETTE TRANSLATION Brian K. White

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7289164 (11/417266)	US	2007-10-30 (2006-05-02)	SYSTEM AND METHOD FOR COLOR PALETTE CONVERSION FROM TV UNSAFE TO TV SAFE COLORS Brian K. White
GB1228640 (GB00977088.4)	GB	2008-08-27 (2000-11-08)	SYSTEM AND METHOD FOR COLOR PALETTE TRANSLATION Brian K. White
DE60040086.7 (DE60040086.7)	DE	2008-08-27 (2000-11-08)	SYSTEM AND METHOD FOR COLOR PALETTE TRANSLATION Brian White
 (60/163930)	US	 (1999-11-08)	REGIONAL COLOR PALETTE TRANSLATION MODEL BRIAN K. WHITE
BE1228640 (BE00977088.4)	BE	2008-08-27 (2000-11-08)	SYSTEM AND METHOD FOR COLOR PALETTE TRANSLATION Brian K. White
CA2390544 (CA2390544)	CA	2009-09-29 (2000-11-08)	SYSTEM AND METHOD FOR COLOR PALETTE TRANSLATION Brian K. White
HK1048908 (HK03100815.0)	HK	2009-05-22 (2000-11-08)	SYSTEM AND METHOD FOR COLOR PALETTE TRANSLATION Brian K. White
6466274 (09/570143)	US	2002-10-15 (2000-05-12)	SYSTEM AND METHOD FOR COLOR PALETTE CONVERSION FROM TV UNSAFE TO TV SAFE COLORS Brian K. White
FR1228640 (FR00977088.4)	FR	2008-08-27 (2000-11-08)	SYSTEM AND METHOD FOR COLOR PALETTE TRANSLATION Brian K. White

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7038734 (10/168000)	US	2006-05-02 (2002-06-11)	SYSTEM AND METHOD FOR COLOR PALETTE CONVERSION FROM TV UNSAFE TO TV SAFE COLORS Brian K. White
GB0947094 (GB97954260.2)	GB	2009-02-04 (1997-12-23)	METHOD AND SYSTEM FOR PROVIDING INTERACTIVE LOOK-AND-FEEL IN A DIGITAL BROADCAST VIA AN X-Y PROTOCOL Walter R. Klappert
FR0947094 (FR97954260.2)	FR	2009-02-04 (1997-12-23)	METHOD AND SYSTEM FOR PROVIDING INTERACTIVE LOOK-AND-FEEL IN A DIGITAL BROADCAST VIA AN X-Y PROTOCOL William J. Sequeira
MC0947094 (MC97954260.2)	MC	2009-02-04 (1997-12-23)	METHOD AND SYSTEM FOR PROVIDING INTERACTIVE LOOK-AND-FEEL IN A DIGITAL BROADCAST VIA AN X-Y PROTOCOL Walter R. Klappert
HK1019531 (HK99104445.5)	HK	2009-09-18 (1997-12-23)	METHOD AND SYSTEM FOR PROVIDING INTERACTIVE LOOK-AND-FEEL IN A DIGITAL BROADCAST VIA AN X-Y PROTOCOL Walter R. Klappert
(13/477346)	US	(2012-05-22)	BUYER-DRIVEN PURCHASING LOYALTY SYSTEM AND METHOD USING AN ELECTRONIC NETWORK Jeffrey Pylant
7464053 (09/696193)	US	2008-12-09 (2000-10-26)	Buyer-driven purchasing loyalty system and method using an electronic network Jeffrey D. Pylant

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7848999 (12/330200)	US	2010-12-07 (2008-12-08)	Buyer-driven purchasing loyalty system and method using an electronic network Jeffrey Pylant
8095454 (12/962198)	US	2012-01-10 (2010-12-07)	Buyer-driven purchasing loyalty system and method using an electronic network Jeffrey Pylant
(60/161369)	US	 (1999-10-26)	BUYER-DRIVEN PURCHASING AND REBATE SYSTEM AND METHOD USING AN ELECTRONIC NETWORK Jeffrey Pylant
8527395 (13/345701)	US	2013-09-03 (2012-01-07)	Buyer-driven purchasing loyalty system and method using an electronic network Jeffrey Pylant
6759891 (10/133761)	US	2004-07-06 (2002-04-29)	Thermal shutdown circuit with hysteresis and method of using Robert N. Dotson
7085753 (09/814399)	US	2006-08-01 (2001-03-22)	METHOD AND SYSTEM FOR MAPPING AND SEARCHING THE INTERNET AND DISPLAYING THE RESULTS IN A VISUAL FORM Dov Weiss
7496558 (11/453204)	US	2009-02-24 (2006-06-14)	METHOD AND SYSTEM FOR MAPPING AND SEARCHING THE INTERNET AND DISPLAYING THE RESULTS IN A VISUAL FORM Dov Weiss
TWI161513 (TW089127902)	TW	2002-07-21 (2000-12-26)	Agent service system and method for online data access analysis Chung-I Lee

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6745185 (09/916081)	US	2004-06-01 (2001-07-25)	System and method for online agency service of data mining and analyzing Chung-I Lee
CNZL01114735.0 (CN01114735.0)	CN	2006-12-20 (2001-05-22)	Proxy service system and method for on-line extracting and analysis of document Chung-I Lee
(EP00908278.5)	EP	 (2000-01-13)	Method for providing a reverse star schema data model Li-Wen Chen
(JP2000-594039)	JP	 (2000-01-13)	Method for providing a reverse star schema data model Li-Wen Chen
7319996 (10/001644)	US	2008-01-15 (2001-11-29)	System and method for providing a data warehouse in accordance with a virtual schema Li-Wen Chen
(60/116086)	US	 (1999-01-15)	Method and apparatus for performing customer data analysis of a computer database using reverse star schema data model Li-Wen Chen
6377934 (09/306677)	US	2002-04-23 (1999-05-06)	Method for providing a reverse star schema data model Li-Wen Chen
6411961 (09/306650)	US	2002-06-25 (1999-05-06)	Apparatus for providing a reverse star schema data model Li-Wen Chen
(CN00803820.1)	CN	 (2000-01-13)	Reverse star schema data model method Li-Wen Chen

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(PCT/US2000/000906)	WO	(2000-01-13)	Method for providing a reverse star schema data model Li-Wen Chen
6363353 (09/306693)	US	2002-03-26 (1999-05-06)	System for providing a reverse star schema data model Li-Wen Chen
7383248 (10/248042)	US	2008-06-03 (2002-12-12)	Hyperlink park and search Jay Chieh Chen
TWI238335 (TW092135228)	TW	2005-08-21 (2003-12-12)	Hyperlink stationed search method Jay Chieh Chen
(AU2003264608)	AU	(2003-11-28)	Hyperlink park and search Jay C. Chen
(SG200307286-5)	SG	(2003-12-02)	Hyperlink park and search Jay Chieh Chen
(GB0328765.3)	GB	(2003-12-11)	Hyperlink park and search Jay Chieh Chen
CA2453239 (CA2453239)	CA	2015-10-20 (2003-12-12)	Hyperlink park and search Jay Chieh Chen
CNZL200310120276.5 (CN200310120276.5)	CN	2010-01-13 (2003-12-12)	Super interlinking resident searching Jay Chieh Chen
JP4308666 (JP2003-564639)	JP	2009-05-15 (2003-01-28)	Aperture edge in a digital micromirror housing Stephen M. Shockey
TWI229581 (TW092102131)	TW	2005-03-11 (2003-01-29)	Method and apparatus for configuring an aperture edge Stephen M. Shockey

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(EP03705957.3)	EP	(2003-01-28)	Aperture edge in a digital micromirror housing Stephen M. Shockey
KR10-0612172 (KR10-2004-7011686)	KR	2006-08-07 (2003-01-28)	Apparatus comprising a lid Stephen M. Shockey
(PCT/US2003/002567)	WO	(2003-01-28)	Aperture edge in a digital micromirror housing Stephen M. Shockey
6667837 (10/066139)	US	2003-12-23 (2002-01-30)	Method and apparatus for configuring an aperture edge Stephen Michael Shockey
(CN03801706.7)	CN	(2003-01-28)	Aperture edge in a digital micromirror housing Stephen M. Shockey
6952513 (10/636453)	US	2005-10-04 (2003-08-06)	Method and apparatus for effecting alignment in an optical apparatus Daniel J. Murphy
(KR10-2003-7012692)	KR	(2002-03-27)	Method and apparatus for effecting optical alignment in an optical device Daniel J. Murphy
(PCT/US2002/037099)	WO	(2002-11-18)	ALIGNMENT OF LENSES, FILTERS AND OPTICAL FIBERS ON A SUPPORT STRUCTURE Daniel J. Murphy
(JP2004-553390)	JP	(2002-03-27)	Method and apparatus for effecting optical alignment in an optical device Daniel J. Murphy
6768844 (09/823606)	US	2004-07-27 (2001-03-30)	Method and apparatus for effecting alignment in an optical apparatus Daniel J. Murphy

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(EP02798074.7)	EP	(2002-03-27)	Method and apparatus for effecting optical alignment in an optical device Daniel J. Murphy
(PCT/US2002/009603)	WO	(2002-03-27)	Method and apparatus for effecting optical alignment in an optical device Daniel J. Murphy
6489915 (09/710141)	US	2002-12-03 (2000-11-09)	Microwave icing avoidance system R. Todd Lines
(PCT/US2000/031207)	WO	(2000-11-13)	Microwave icing avoidance system R. Todd Lines
(60/165233)	US	(1999-11-11)	Microwave icing avoidance system R. Todd Lines
DE60208359.1 (DE60208359.1)	DE	2005-12-28 (2002-04-18)	Solid state modulated beacon tracking system Michael L. Wells
IL153299 (IL153299)	IL	2008-03-04 (2002-04-18)	Solid state modulated beacon tracking system Michael L. Wells
FR1379892 (FR02728848.9)	FR	2005-12-28 (2002-04-18)	Solid state modulated beacon tracking system Michael L. Wells
6469783 (09/838064)	US	2002-10-22 (2001-04-19)	Solid state modulated beacon tracking system Michael L. Wells
EP1379892 (EP02728848.9)	EP	2005-12-28 (2002-04-18)	Solid state modulated beacon tracking system Michael L. Wells
(PCT/US2002/012393)	WO	(2002-04-18)	Solid state modulated beacon tracking system Michael L. Wells

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GB1379892 (GB02728848.9)	GB	2005-12-28 (2002-04-18)	Solid state modulated beacon tracking system Michael L. Wells
6343954 (09/593204)	US	2002-02-05 (2000-06-14)	Integral missile harness-fairing assembly Andrew B. Facciano
EP1446941 (EP02795601.0)	EP	2007-12-12 (2002-11-06)	Method and apparatus for making a lid with an optically transmissive window Mark B. Hanna
6745449 (10/045639)	US	2004-06-08 (2001-11-06)	Method and apparatus for making a lid with an optically transmissive window Mark B. Hanna
(PCT/US2002/035754)	WO	(2002-11-06)	Method and apparatus for making a lid with an optically transmissive window Mark B. Hanna
ES1446941 (ES02795601.0)	ES	2007-12-12 (2002-11-06)	Method and apparatus for making a lid with an optically transmissive window Mark B. Hanna
DE60224082.4 (DE60224082.4)	DE	2007-12-12 (2002-11-06)	Method and apparatus for making a lid with an optically transmissive window Mark B. Hanna
FR1446941 (FR02795601.0)	FR	2007-12-12 (2002-11-06)	Method and apparatus for making a lid with an optically transmissive window Mark B. Hanna
7098396 (10/862263)	US	2006-08-29 (2004-06-07)	Method and apparatus for making a lid with an optically transmissive window Mark B. Hanna

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(KR10-2004-7006846)	KR	(2002-11-06)	Method and apparatus for making a lid with an optically transmissive window Mark B. Hanna
IT1446941 (IT02795601.0)	IT	2007-12-12 (2002-11-06)	Method and apparatus for making a lid with an optically transmissive window Mark B. Hanna
6908026 (10/862275)	US	2005-06-21 (2004-06-07)	Method and apparatus for making a lid with an optically transmissive window Mark B. Hanna
GB1446941 (GB02795601.0)	GB	2007-12-12 (2002-11-06)	Method and apparatus for making a lid with an optically transmissive window Mark B. Hanna
(JP2003-543302)	JP	(2002-11-06)	Method and apparatus for making a lid with an optically transmissive window Mark B. Hanna
6393844 (09/643440)	US	2002-05-28 (2000-08-22)	Pulse tube expander having a porous plug phase shifter Carl S. Kirkconnell
(PCT/US2001/026227)	WO	(2001-08-22)	Pulse tube expander having a porous plug phase shifter Carl S. Kirkconnell
JP4782358 (JP2002-521893)	JP	2011-07-15 (2001-08-22)	Pulse tube expander having a porous plug phase shifter Carl S. Kirkconnell
(EP01964332.9)	EP	(2001-08-22)	Pulse tube expander having a porous plug phase shifter Carl S. Kirkconnell

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6771205 (06/062843)	US	2004-08-03 (1979-08-01)	Shipboard point defense system and elements therefor David K. Barton
(05/823887)	US	 (1977-07-28)	Shipboard point defense system and elements therefor David K. Barton
6520399 (09/952829)	US	2003-02-18 (2001-09-14)	Thermosonic bonding apparatus, tool, and method Thomas E. Salzer
6630902 (05/823888)	US	2003-10-07 (1977-07-28)	Shipboard point defense system and elements therefor Andrew F. Fenton
6603421 (05/823893)	US	2003-08-05 (1977-07-28)	Shipboard point defense system and elements therefor George W. Schiff
(EP02706225.6)	EP	 (2002-01-30)	Low-observability, wide-field-of-view, situation awareness viewing device William B. King
(PCT/US2002/003932)	WO	 (2002-01-30)	Low-observability, wide-field-of-view, situation awareness viewing device William B. King
6693749 (09/774495)	US	2004-02-17 (2001-01-31)	Low-observability, wide-field-of-view, situation awareness viewing device William B. King
6414570 (09/588087)	US	2002-07-02 (2000-06-06)	Low profile, high isolation and rejection x-band switched filter assembly Lawrence Dalconzo

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6674390 (05/823889)	US	2004-01-06 (1977-07-28)	Shipboard point defense system and elements therefor William M. Murphy Jr.
(60/176364)	US	(2000-01-14)	System for generating contex-specific contact information from documents Teo Balbach
7324948 (09/759536)	US	2008-01-29 (2001-01-12)	Context-specific contact information Carl Teo Balbach
7821386 (11/249121)	US	2010-10-26 (2005-10-11)	Departure-based reminder systems Karen Barrett
KR10-0880467 (KR10-2002-7003694)	KR	2009-01-19 (2000-09-20)	Systems, methods, and software for building intelligent on-line communities Christoper Phillip Messina
(EP02725402.8)	EP	(2002-03-29)	Methods, systems, and software for automated growth of intelligent on-line communities Christopher P. Messina
(11/775679)	US	(2007-07-10)	Systems, methods, and software for building intelligent on-line communities Christopher P. Messina
9087129 (13/168434)	US	2015-07-21 (2011-06-24)	Methods, systems, and software for automated growth of intelligent on-line communities Christopher P. Messina
(CA2385453)	CA	(2000-09-20)	Systems, methods, and software for building intelligent on-line communities Christoper Phillip Messina

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(11/775715)	US	(2007-07-10)	Methods, systems, and software for automated growth of intelligent on-line communities Christopher P. Messina
(11/775700)	US	(2007-07-10)	Methods, systems, and software for automated growth of intelligent on-line communities Christopher P. Messina
CNZL00815930.0 (CN00815930.0)	CN	2006-06-07 (2000-09-20)	Systems, methods, and software for building intelligent on-line communities Christoper Phillip Messina
DE60040873.6 (DE60040873.6)	DE	2008-11-19 (2000-09-20)	Systems, methods, and software for building intelligent on-line communities Christoper Phillip Messina
(JP2001-525585)	JP	(2000-09-20)	Systems, methods, and software for building intelligent on-line communities Christoper Phillip Messina
(PCT/US2002/009626)	WO	(2002-03-29)	Methods, systems, and software for automated growth of intelligent on-line communities Christopher P. Messina
(11/639365)	US	(2006-12-14)	Systems, methods, and software for building intelligent on-line communities Christopher P. Messina
EP1305739 (EP00963684.6)	EP	2008-11-19 (2000-09-20)	Systems, methods, and software for building intelligent on-line communities Christoper Phillip Messina
(60/294070)	US	(2001-05-29)	Methods, systems, and software for retrieving and posting information on internet sites Nabeil O. Sarhan

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(KR10-2003-7015626)	KR	(2002-03-29)	Methods, systems, and software for automated growth of intelligent on-line communities Christopher P. Messina
(11/775707)	US	(2007-07-10)	Methods, systems, and software for automated growth of intelligent on-line communities Christopher P. Messina
GB1305739 (GB00963684.6)	GB	2008-11-19 (2000-09-20)	Systems, methods, and software for building intelligent on-line communities Christoper Phillip Messina
(JP2003-500788)	JP	(2002-03-29)	Methods, systems, and software for automated growth of intelligent on-line communities Christopher P. Messina
(HK03107931.4)	HK	(2003-11-03)	Systems, methods and software for building intelligent on-line communities Christopher P. Messina
(10/725351)	US	(2003-12-01)	Methods, systems, and software for automated growth of intelligent on-line communities Christopher P. Messina
(60/154885)	US	(1999-09-20)	Systems and methods for building intelligent on-line communities Christoper Phillip Messina
(PCT/US2000/025886)	WO	(2000-09-20)	Systems, methods, and software for building intelligent on-line communities Christoper Phillip Messina
(CA2455693)	CA	(2002-03-29)	Methods, systems, and software for automated growth of intelligent on-line communities Christopher P. Messina

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(CN02814788.X)	CN	(2002-03-29)	Methods, systems, and software for automated growth of intelligent on-line communities Christopher P. Messina
(11/775649)	US	(2007-07-10)	Systems, methods, and software for building intelligent on-line communities Christopher P. Messina
7162508 (10/103536)	US	2007-01-09 (2002-03-20)	Systems, methods, and software for building intelligent on-line communities Christopher P. Messina
(11/775667)	US	(2007-07-10)	Systems, methods and software for building intelligent on-line communities Christopher P. Messina
7123702 (10/108083)	US	2006-10-17 (2002-03-27)	Methods and apparatus for billing conference calls Barry Paul Pershan
KR10-0363619 (KR10-2000-0021349)	KR	2002-11-22 (2000-04-21)	Contents Structure with a Spiral Donut and Contents Display System Dong-Hoon Bae
6920445 (09/839944)	US	2005-07-19 (2001-04-20)	CONTENTS BROWSING SYSTEM WITH MULTI-LEVEL CIRCULAR INDEX AND AUTOMATED CONTENTS ANALYSIS FUNCTION Dong-Hoon Bae
(PCT/US2000/020804)	WO	(2000-08-30)	SYSTEM AND METHOD FOR PURCHASING OVER THE INTERNET John T. Sullivan
7099840 (09/565374)	US	2006-08-29 (2000-05-05)	SYSTEM AND METHOD FOR PURCHASING OVER THE INTERNET John T. Sullivan

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
7043316 (10/367986)	US	2006-05-09 (2003-02-14)	Location based programming and data management in an automated environment David Walter Farchmin
7437212 (11/351866)	US	2008-10-14 (2006-02-10)	Location based programming and data management in an automated environment David Walter Farchmin
8032250 (12/201458)	US	2011-10-04 (2008-08-29)	Location based programming and data management in an automated environment David Walter Farchmin
 (PCT/US2004/003525)	WO	 (2004-02-04)	Location based programming and data management in an automated environment David W. Farchmin
 (EP04708270.6)	EP	 (2004-02-04)	Location based programming and data management in an automated environment David W. Farchmin
6825860 (09/675866)	US	2004-11-30 (2000-09-29)	Autoscaling/autosizing user interface window Jung-Hsiang Hu
CNZL01139671.7 (CN01139671.7)	CN	2004-12-15 (2001-12-04)	Display control system and method for panoramic reverse sawtooth and stereoscopic effect Yung-Feng Chiu
TWI179185 (TW090128750)	TW	2003-06-01 (2001-11-20)	Display control system and method of full-scene anti-aliasing and stereo effect Yung-Feng Chiu
6690384 (10/113616)	US	2004-02-10 (2002-04-01)	System and method for full-scene anti-aliasing and stereo three-dimensional display control Yung-Feng Chiu

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
6597364 (09/632692)	US	2003-07-22 (2000-08-04)	Method and system for eliminating frame tears from an output display Yung-feng Chiu
CNZL01109176.2 (CN01109176.2)	CN	2004-08-18 (2001-03-16)	Picture pasting system and method without tear Yung-feng Chiu
TWI141935 (TW089117449)	TW	2001-09-24 (2000-08-25)	Method and system for eliminating frame tears from an output display Yung-feng Chiu
(PCT/US2002/032915)	WO	 (2002-10-16)	Method of encapsulating hard disc drive and other electrical components Griffith D. Neal
6911166 (09/983002)	US	2005-06-28 (2001-10-17)	Method of encapsulating hard disc drive and other electrical components Griffith D. Neal
(11/167972)	US	 (2005-06-27)	Method of encapsulating hard disc drive and other electrical components Griffith D. Neal
7849481 (11/693528)	US	2010-12-07 (2007-03-29)	Notification for interactive content Hannah Y. Moon
(12/878598)	US	 (2010-09-09)	Notification for interactive content Hannah Y. Moon
(12/286604)	US	 (2008-09-30)	Real estate information exchange process and system David Allen Faudman
7451150 (11/072221)	US	2008-11-11 (2005-03-03)	Real estate information exchange process and system David Allen Faudman

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(12/807789)	US	(2010-09-13)	Real estate information exchange process and system David Allen Faudman
6883002 (09/817946)	US	2005-04-19 (2001-03-26)	Real estate information exchange process and system David Allen Faudman
7117250 (09/631058)	US	2006-10-03 (2000-08-01)	METHOD AND SYSTEM FOR PROVIDING A DYNAMIC MEDIA DISTRIBUTION INFRASTRUCTURE Bo Wu
6509920 (10/116073)	US	2003-01-21 (2002-04-05)	Ink ribbon positioning system of a color printer Li-Fu Sung
CNZL99123453.7 (CN99123453.7)	CN	2003-07-23 (1999-11-08)	Color ribbon positioning system for color printer Li-Fu Sung
(JP2000-313969)	JP	(2000-10-13)	Ink ribbon positioning system for color printer Li-Fu Sung
TWI157214 (TW088117819)	TW	2002-05-11 (1999-10-14)	Ribbon positioning system of the thermal printer Li-Fu Sung
6396526 (09/630527)	US	2002-05-28 (2000-08-01)	Ink ribbon positioning system of a color printer Li-Fu Sung
(DE10050149.4)	DE	(2000-10-11)	Color tape positioning system for color printer, uses detection device for controlling the light source while color tape passes the photo-sensor Li-Fu Sung

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(60/212428)	US	(2000-06-19)	Novel photoinitiators and applications therefor Ronald S. Nohr
(PCT/US2001/019525)	WO	(2001-06-19)	Novel photoinitiators and applications therefor Ronald Sinclair Nohr
CA2412607 (CA2412607)	CA	2010-12-21 (2001-06-19)	Novel photoinitiators and applications therefor Ronald Sinclair Nohr
EP1297022 (EP01948460.9)	EP	2006-07-19 (2001-06-19)	Novel photoinitiators Ronald Sinclair Nohr
DE60121588.5 (DE60121588.5)	DE	2006-07-19 (2001-06-19)	Novel photoinitiators Ronald Sinclair Nohr
FR1297022 (FR01948460.9)	FR	2006-07-19 (2001-06-19)	Novel photoinitiators Ronald Sinclair Nohr
GB1297022 (GB01948460.9)	GB	2006-07-19 (2001-06-19)	Novel photoinitiators Ronald Sinclair Nohr
IT1297022 (IT01948460.9)	IT	2006-07-19 (2001-06-19)	Novel photoinitiators Ronald Sinclair Nohr
IN211733 (IN02039/2002)	IN	2007-11-09 (2001-06-19)	A photoinitiator and a method of generating a reactive species using the photoinitiators Ronald Sinclair Nohr
(JP2002-505857)	JP	(2001-06-19)	Novel photoinitiators and applications therefor Ronald Sinclair Nohr
KR10-0772772 (KR10-2002-7017284)	KR	2007-10-26 (2001-06-19)	Novel photoinitiators and applications therefor Ronald Sinclair Nohr

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MX231142 (MXPA02012011)	MX	2005-10-07 (2001-06-19)	Novel photoinitiators and applications therefor Ronald Sinclair Nohr
6486227 (09/884896)	US	2002-11-26 (2001-06-19)	Zinc-complex photoinitiators and applications therefor Ronald Sinclair Nohr
8706565 (12/106584)	US	2014-04-22 (2008-04-21)	Pre-filling order forms for transactions over a communications network Eugene J. Rollins
7349867 (09/747666)	US	2008-03-25 (2000-12-22)	Tracking transactions by using addresses in a communications network Eugene J. Rollins
7363248 (09/747651)	US	2008-04-22 (2000-12-22)	Pre-filling order forms for transactions over a communications network Eugene J. Rollins
7415429 (09/747656)	US	2008-08-19 (2000-12-22)	Providing navigation objects for communications over a network Eugene J. Rollins
(EP01988332.1)	EP	 (2001-12-17)	Providing navigation objects for communications over a network Eugene Rollins
(EP01988333.9)	EP	 (2001-12-17)	Tracking transactions by using addresses in a communications network Eugene Rollins
EP1358574 (EP01273892.8)	EP	2010-10-20 (2001-12-17)	Pre-filling order forms for transactions over a communications network Eugene Rollins

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FR1358574 (FR01273892.8)	FR	2010-10-20 (2001-12-17)	Pre-filling order forms for transactions over a communications network Eugene Rollins
GB1358574 (GB01273892.8)	GB	2010-10-20 (2001-12-17)	Pre-filling order forms for transactions over a communications network Eugene Rollins
IE1358574 (IE01273892.8)	IE	2010-10-20 (2001-12-17)	Pre-filling order forms for transactions over a communications network Eugene Rollins
LU1358574 (LU01273892.8)	LU	2010-10-20 (2001-12-17)	Pre-filling order forms for transactions over a communications network Eugene Rollins
MC1358574 (MC01273892.8)	MC	2010-10-20 (2001-12-17)	Pre-filling order forms for transactions over a communications network Eugene Rollins
8996415 (12/025500)	US	2015-03-31 (2008-02-04)	Tracking transactions by using addresses in a communications network Eugene J. Rollins
8849704 (12/053826)	US	2014-09-30 (2008-03-24)	Tracking transactions by using addresses in a communications network Eugene J. Rollins
(12/171831)	US	 (2008-07-11)	System and method for modifying electronic documents transmitted through an intermediary Eugene J. Rollins
(14/084548)	US	 (2013-11-19)	System and method for modifying electronic documents transmitted through an intermediary Eugene J. Rollins

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10204363 (15/612380)	US	2019-02-12 (2017-06-02)	System and method for modifying electronic documents transmitted through an intermediary Eugene J. Rollins
(PCT/US2001/049096)	WO	 (2001-12-17)	Providing navigation objects for communications over a network Eugene Rollins
(PCT/US2001/049097)	WO	 (2001-12-17)	Tracking transactions by using addresses in a communications network Eugene Rollins
(PCT/US2001/051634)	WO	 (2001-12-17)	Pre-filling order forms for transactions over a communications network Eugene Rollins
CH1358574 (CH01273892.8)	CH	2010-10-20 (2001-12-17)	Pre-filling order forms for transactions over a communications network Eugene Rollins
DE60143317.3 (DE60143317.3)	DE	2010-10-20 (2001-12-17)	Pre-filling order forms for transactions over a communications network Eugene Rollins
6556991 (09/653040)	US	2003-04-29 (2000-09-01)	Item name normalization Arkady Borkovsky
6853996 (09/925218)	US	2005-02-08 (2001-08-08)	Product normalization Xiang Chen
(PCT/US2001/026629)	WO	 (2001-08-23)	Item name normalization Arkady Borkovsky
(EP01964445.9)	EP	 (2001-08-23)	Item name normalization Arkady Borkovsky

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(EP06024506.5)	EP	(2001-08-23)	Item name normalization Arkady Borkovsky
7542964 (11/019130)	US	2009-06-02 (2004-12-22)	Product normalization Xiang Chen
8037019 (12/463781)	US	2011-10-11 (2009-05-11)	Product normalization Xiang Chen
8762361 (13/270885)	US	2014-06-24 (2011-10-11)	Product normalization Xiang Chen
6965897 (10/065513)	US	2005-11-15 (2002-10-25)	Data compression method and apparatus Zewei Chen
(11/195932)	US	(2005-08-03)	System and method for processing data using a mixed format physical layout Zewei Chen
7461077 (10/208635)	US	2008-12-02 (2002-07-29)	Representation of Data Records Nicholas Greenwood
(60/309251)	US	(2001-07-31)	Representation of Data Records Nicholas Greenwood
6899753 (10/210611)	US	2005-05-31 (2002-07-31)	Highly bleed-alleviating ink composition Yi-Jing Leu
(CN01133911.X)	CN	(2001-08-17)	Ink composition with high bleeding prevention Yi-Jing Leu
(DE10233896.5)	DE	(2002-07-25)	Highly bleed-alleviating ink composition Yi-Jing Leu

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
TWI287035 (TW090118900)	TW	2007-09-21 (2001-08-02)	Ink composition with high capability of preventing bleeding Yi-Jing Leu
CNZL200820118094.2 (CN200820118094.2)	CN	2009-06-03 (2008-06-10)	Light emitting diode lamp tube Kuo-Len Lin
7815347 (12/166591)	US	2010-10-19 (2008-07-02)	LED lamp tube heat dissipating structure Kuo-Len Lin
TWM344442 (TW097209671)	TW	2008-11-11 (2008-06-02)	Improved heat-dissipation structure of LED lamp tube Kuo-Len Lin
JP3145181 (JP2008-004858-U)	JP	2008-09-10 (2008-07-15)	LED lamp tube heat dissipating structure Kuo-Len Lin
6684211 (09/053098)	US	2004-01-27 (1998-04-01)	MULTIMEDIA COMMUNICATION AND PRESENTATION Julien T. Nguyen
8683328 (12/860214)	US	2014-03-25 (2010-08-20)	MULTIMEDIA COMMUNICATION AND PRESENTATION Julien T. Nguyen
7783974 (10/764835)	US	2010-08-24 (2004-01-26)	Multimedia communication and presentation Julien T. Nguyen
(PCT/US1999/007257)	WO	 (1999-04-01)	MULTIMEDIA COMMUNICATION AND PRESENTATION Julien T. Nguyen
7904369 (10/203830)	US	2011-03-08 (2000-08-01)	User Interface, System and Method for Performing a Web-Based Transaction Stefan Andreasen

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventor(s)
(PCT/DK2000/000429)	WO	(2000-08-01)	User Interface, System and Method for Performing a Web-Based Transaction Stefan Andreassen
8046297 (12/987371)	US	2011-10-25 (2011-01-10)	User Interface, System and Method for Performing a Web-Based Transaction Stefan Andreassen
8676695 (13/234364)	US	2014-03-18 (2011-09-16)	User Interface, System and Method for Performing a Web-Based Transaction Stefan Andreassen
6713956 (09/910762)	US	2004-03-30 (2001-07-24)	Display module including a plate for heat dissipation and shielding Chen-Lun Hsing Chen
CNZL01229502.7 (CN01229502.7)	CN	2002-05-15 (2001-06-29)	Indicating panel modular Chen-Lun Hsing Chen
JP3083630 (JP2001-004851-U)	JP	2001-11-14 (2001-07-25)	Display module Chen-Lun Hsing Chen
DE20111835.1 (DE20111835.1)	DE	2002-01-03 (2001-07-23)	Display unit Chen-Lun Hsing Chen
(TW090210189)	TW	(2001-06-18)	Unable to verify Unable to verify
(AU2454)	AU	(2001-01-10)	An Apparatus (WSM07) Kia Silverbrook
(PCT/AU2002/000014)	WO	(2002-01-08)	Inkjet Device Encapsulated at the Wafer Scale Kia Silverbrook

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AU2002218869 (AU2002218869)	AU	2004-07-22 (2002-01-08)	Inkjet Device Encapsulated at the Wafer Scale Kia Silverbrook
(EP02729358.8)	EP	 (2002-01-08)	Inkjet Device Encapsulated at the Wafer Scale Kia Silverbrook
JP3963837 (JP2002-556928)	JP	2007-06-01 (2002-01-08)	Inkjet Device Encapsulated at the Wafer Scale Kia Silverbrook
SG98224 (SG200304142-3)	SG	2005-08-31 (2002-01-08)	Inkjet Device Encapsulated at the Wafer Scale Kia Silverbrook
6923524 (10/250967)	US	2005-08-02 (2002-01-08)	Inkjet Device Encapsulated at the Wafer Scale Kia Silverbrook
6557978 (10/040455)	US	2003-05-06 (2002-01-09)	Inkjet Device Encapsulated at the Wafer Scale Kia Silverbrook
AU2004202256 (AU2004202256)	AU	2004-10-21 (2004-05-26)	Encapsulated Ink Jet Device Kia Silverbrook
AU2004214604 (AU2004214604)	AU	2005-12-09 (2004-09-28)	Encapsulated Ink Jet Printhead Assembly Kia Silverbrook
(AU2450)	AU	 (2001-01-10)	A Method (WSM03) Kia Silverbrook
(PCT/AU2002/000010)	WO	 (2002-01-08)	Use of Infrared Radiation In Molding of Protective Caps Kia Silverbrook
AU2002218865 (AU2002218865)	AU	2004-10-28 (2002-01-08)	Use of Infrared Radiation In Molding of Protective Caps Kia Silverbrook

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EP1356514 (EP02729354.7)	EP	2010-07-14 (2002-01-08)	Use of Infrared Radiation In Molding of Protective Caps Kia Silverbrook
DE60236999.1 (DE60236999.1)	DE	2010-07-14 (2002-01-08)	Use of Infrared Radiation In Molding of Protective Caps Kia Silverbrook
FR1356514 (FR02729354.7)	FR	2010-07-14 (2002-01-08)	Use of Infrared Radiation In Molding of Protective Caps Kia Silverbrook
GB1356514 (GB02729354.7)	GB	2010-07-14 (2002-01-08)	Use of Infrared Radiation In Molding of Protective Caps Kia Silverbrook
IE1356514 (IE02729354.7)	IE	2010-07-14 (2002-01-08)	Use of Infrared Radiation In Molding of Protective Caps Kia Silverbrook
JP3986966 (JP2002-556940)	JP	2007-07-20 (2002-01-08)	Use of Infrared Radiation In Molding of Protective Caps Kia Silverbrook
SG97696 (SG200303946-8)	SG	2006-06-30 (2002-01-08)	Use of Infrared Radiation In Molding of Protective Caps Kia Silverbrook
6949217 (10/129500)	US	2005-09-27 (2002-01-08)	Use of Infrared Radiation In Molding of Protective Caps Kia Silverbrook
(10/043300)	US	 (2002-01-14)	Use of Infrared Radiation In Molding of Protective Caps Kia Silverbrook

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AU2004214603 (AU2004214603)	AU	2006-02-24 (2004-09-28)	A Moulding Apparatus for Moulding Protective Caps for Micro-Fabricated Structures Kia Silverbrook

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