

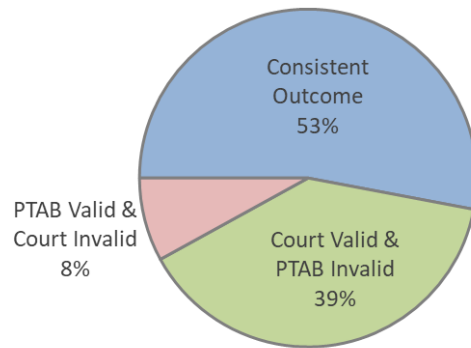
PTAB v. District Court

438 Patents Challenged in Both Venues

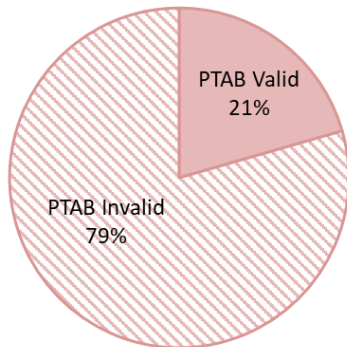
This study compares patents that had invalidity determinations made by both the Patent Trial and Appeal Board (PTAB) and district courts. PTAB grounds are primarily limited to patents and printed matter under §102 and §103, while District Court grounds include all forms of prior art under §101, §102, §103, and §112. Thus the invalidation rates for the PTAB are underreported, and the disparity between the venues would be even greater if limited to identical grounds only.¹

The patents are listed on the following pages with hyperlinks to the Docket Navigator profile (account required).

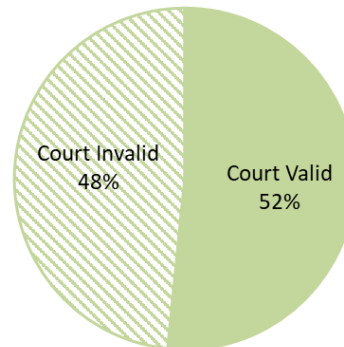
Patents in PTAB & District Court
n=438



Patents in PTAB & District Court
n=438



Patents in PTAB & District Court
n=438



¹ Patents were collected using the Determination coding by Docket Navigator. There were 671 patents with determinations in both District Court and PTAB. The set was further reduced to the 438 patents with case documents coded as Trial, Post-Trial, Costs, and Appeal. This culled most of the patents with only preliminary determinations.
https://search.docketnavigator.com/patent/search/patent_patents

Patent	Title	First Inventor	Grant Date	PTAB	DC	
5191573	Method for transmitting a desired digital video...	Hair	3/2/1993	INVALID	VALID	#
5361201	Real estate appraisal using predictive modeling	Jost	11/1/1994	INVALID	VALID	#
5371734	Medium access control protocol for wireless netw...	Fischer	12/6/1994	INVALID	INVALID	O
5463374	Method and apparatus for tire pressure monitorin...	Mendez	10/31/1995	INVALID	INVALID	O
5490216	System for software registration	Richardson, III	2/6/1996	INVALID	VALID	#
5513129	Method and system for controlling computer-gener...	Bolas	4/30/1996	INVALID	VALID	#
5569082	Personal computer lottery game	Kaye	10/29/1996	INVALID	INVALID	O
5633329	Preparation of high molecular weight polymers	H ahnle	5/27/1997	VALID	INVALID	X
5643723	Detection of a genetic locus encoding resistance...	Persing	7/1/1997	INVALID	INVALID	O
5652084	Method for reduced pitch lithography	Cleeves	7/29/1997	INVALID	VALID	#
5659891	Multicarrier techniques in bandlimited channels	Hays	8/19/1997	INVALID	INVALID	O
5665772	O-alkylated rapamycin derivatives and their use,...	Cottens	9/9/1997	VALID	INVALID	X
5709603	Personal computer lottery game	Kaye	1/20/1998	INVALID	INVALID	O
5745574	Security infrastructure for electronic transacti...	Muftic	4/28/1998	INVALID	INVALID	O
5822523	Server-group messaging system for interactive ap...	Rothschild	10/13/1998	INVALID	VALID	#
5884270	Method and system for facilitating an employment...	Walker	3/16/1999	INVALID	INVALID	O
5884272	Method and system for establishing and maintaini...	Walker	3/16/1999	INVALID	INVALID	O
5887243	Signal processing apparatus and methods	Harvey	3/23/1999	INVALID	INVALID	O
5894554	System for managing dynamic web page generation...	Lowery	4/13/1999	VALID	VALID	O
5905627	Internally grounded feedthrough filter capacitor	Brendel	5/18/1999	INVALID	VALID	#
5909482	Relay for personal interpreter	Engelke	6/1/1999	INVALID	VALID	#
5910988	Remote image capture with centralized processing...	Ballard	6/8/1999	INVALID	VALID	#
5917405	Control apparatus and methods for vehicles	Joao	6/29/1999	INVALID	INVALID	O
5924080	Computerized discount redemption system	Johnson	7/13/1999	INVALID	INVALID	O
5946634	Mobile communications	Korpela	8/31/1999	INVALID	VALID	#
5954781	Method and apparatus for optimizing vehicle oper...	Slepian	9/21/1999	INVALID	INVALID	O
5960032	High speed data transmission using expanded bit...	Letaief	9/28/1999	INVALID	VALID	#
5960074	Mobile tele-computer network for motion picture,...	Clark	9/28/1999	INVALID	INVALID	O
5966440	System and method for transmitting desired digit...	Hair	10/12/1999	INVALID	INVALID	O
5975019	Clumping animal litter	Goss	11/2/1999	VALID	VALID	O
5978791	Data processing system using substantially uniqu...	Farber	11/2/1999	INVALID	VALID	#
5987500	Value-added network system for enabling real-tim...	Arunachalam	11/16/1999	INVALID	INVALID	O
6012007	Occupant detection method and apparatus for air...	Fortune	1/4/2000	VALID	INVALID	X
6014089	Method for transmitting data using a digital con...	Tracy	1/11/2000	INVALID	INVALID	O
6030384	Bipolar surgical instruments having focused elec...	Nezhat	2/29/2000	INVALID	INVALID	O
6032137	Remote image capture with centralized processing...	Ballard	2/29/2000	INVALID	VALID	#
6047781	Multi-activity offshore exploration and/or devel...	Scott	4/11/2000	VALID	INVALID	X
6061551	Method and system for down-converting electromag...	Sorrells	5/9/2000	INVALID	VALID	#
6068069	Multi-activity offshore exploration and/or devel...	Scott	5/30/2000	VALID	INVALID	X
6074503	Making enhanced data cable with cross-twist cabl...	Clark	6/13/2000	INVALID	INVALID	O
6085851	Multi-activity offshore exploration and/or devel...	Scott	7/11/2000	VALID	INVALID	X
6121960	Touch screen systems and methods	Carroll	9/19/2000	INVALID	INVALID	O
6144547	Miniature surface mount capacitor and method of...	Retseptor	11/7/2000	VALID	INVALID	X
6151604	Method and apparatus for improved information st...	Wlaschin	11/21/2000	INVALID	INVALID	O
6158011	Multi-access virtual private network	Chen	12/5/2000	INVALID	VALID	#
6163775	Method and apparatus configured according to a l...	Wlaschin	12/19/2000	INVALID	INVALID	O
6167607	Vision target based assembly	Pryor	1/2/2001	INVALID	INVALID	O
6172679	Visibility calculations for 3D computer graphics	Lim	1/9/2001	INVALID	INVALID	O
6174237	Method for a game of skill tournament	Stephenson	1/16/2001	INVALID	INVALID	O
6179053	Lockdown mechanism for well tools requiring fixe...	Dallas	1/30/2001	INVALID	VALID	#
6199076	Audio program player including a dynamic program...	Logan	3/6/2001	INVALID	VALID	#
6199388	System and method for controlling temperature an...	Fischer, Jr.	3/13/2001	INVALID	VALID	#
6212079	Method and apparatus for improving efficiency in...	Balakrishnan	4/3/2001	INVALID	VALID	#
6212662	Method and devices for the transmission of data...	Hekstra	4/3/2001	VALID	INVALID	X

Patent	Title	First Inventor	Grant Date	PTAB	DC	
6218930	Apparatus and method for remotely powering acces...	Katzenberg	4/17/2001	VALID	INVALID	X
6226686	Server-group messaging system for interactive ap...	Rothschild	5/1/2001	INVALID	VALID	#
6232539	Music organizer and entertainment center	Looney	5/15/2001	INVALID	INVALID	O
6233314	Relay for personal interpreter	Engelke	5/15/2001	INVALID	VALID	#
6240376	Method and apparatus for gate-level simulation o...	Raynaud	5/29/2001	INVALID	VALID	#
6249876	Frequency jittering control for varying the swit...	Balakrishnan	6/19/2001	INVALID	VALID	#
6258044	Apparatus and method for obtaining transepitheli...	Lonky	7/10/2001	INVALID	INVALID	O
6258540	Non-invasive prenatal diagnosis	Lo	7/10/2001	INVALID	INVALID	O
6266518	Method and system for down-converting electromag...	Sorrells	7/24/2001	INVALID	VALID	#
6275214	Computer presentation system and method with opt...	Hansen	8/14/2001	INVALID	VALID	#
6292974	Glass wiper blade for motor vehicles	Merkel	9/25/2001	INVALID	INVALID	O
6314409	System for controlling access and distribution o...	Schneck	11/6/2001	INVALID	INVALID	O
6316023	TTS containing an antioxidant	Asmussen	11/13/2001	INVALID	VALID	#
6319006	Method for producing a drill assistance device f...	Scherer	11/20/2001	INVALID	VALID	#
6321201	Data security system for a database having multi...	Dahl	11/20/2001	INVALID	INVALID	O
6326978	Display method for selectively rotating windows...	Robbins	12/4/2001	INVALID	INVALID	O
6335031	TTS containing an antioxidant	Asmussen	1/1/2002	INVALID	VALID	#
6337791	Capacitor featuring internal electrode with pad	Monsorno	1/8/2002	INVALID	VALID	#
6354008	Sliding member, inner and outer blades of an ele...	Domoto	3/12/2002	INVALID	VALID	#
6370371	Applications of universal frequency translation	Sorrells	4/9/2002	INVALID	VALID	#
6381211	Processing data transmitted and received over a...	Lysejko	4/30/2002	INVALID	INVALID	O
6384850	Information management and synchronous communica..	McNally	5/7/2002	INVALID	INVALID	O
6401202	Multitasking during BIOS boot-up	Abgrall	6/4/2002	INVALID	INVALID	O
6415316	Method and apparatus for implementing a web page...	Van Der Meer	7/2/2002	VALID	INVALID	X
6415335	System and method for managing dynamic web page...	Lowery	7/2/2002	VALID	VALID	O
6424625	Method and apparatus for discarding packets in a...	Larsson	7/23/2002	INVALID	VALID	#
6430332	Optical switching apparatus	Laor	8/6/2002	INVALID	INVALID	O
6434212	Pedometer	Pyles	8/13/2002	INVALID	VALID	#
6441828	Image display apparatus	Oba	8/27/2002	INVALID	INVALID	O
6466568	Multi-rate radiocommunication systems and termin...	Raith	10/15/2002	INVALID	VALID	#
6468967	Methods for administration of antibiotics	Oleson, Jr.	10/22/2002	INVALID	INVALID	O
6474159	Motion-tracking	Foxlin	11/5/2002	INVALID	INVALID	O
6476351	Laser marking system	Kaplan	11/5/2002	INVALID	INVALID	O
6482520	Thermal management system	Tzeng	11/19/2002	INVALID	VALID	#
6487656	System and method for providing functionalities...	Kim	11/26/2002	INVALID	INVALID	O
6501420	Mobile cellular telephone comprising a GPS recei...	Townsend	12/31/2002	INVALID	INVALID	O
6502135	Agile network protocol for secure communications...	Munger	12/31/2002	INVALID	VALID	#
6510434	System and method for retrieving information fro...	Anderson	1/21/2003	INVALID	INVALID	O
6510466	Methods, systems and computer program products f...	Cox	1/21/2003	INVALID	INVALID	O
6513058	Distribution of motion control commands over a n...	Brown	1/28/2003	VALID	INVALID	X
6516236	Motion control systems	Brown	2/4/2003	VALID	INVALID	X
6519581	Collection of information regarding a device or...	Hofmann	2/11/2003	INVALID	INVALID	O
6538908	Method and apparatus providing a multi-function...	Balakrishnan	3/25/2003	INVALID	VALID	#
6542076	Control, monitoring and/or security apparatus an...	Joao	4/1/2003	INVALID	INVALID	O
6542077	Monitoring apparatus for a vehicle and/or a prem...	Joao	4/1/2003	INVALID	INVALID	O
6546002	System and method for implementing an intelligen...	Kim	4/8/2003	INVALID	INVALID	O
6548019	Device and methods for single step collection an...	Lee	4/15/2003	INVALID	VALID	#
6549130	Control apparatus and method for vehicles and/or...	Joao	4/15/2003	INVALID	INVALID	O
6553350	Method and apparatus for pricing products in mul...	Carter	4/22/2003	INVALID	VALID	#
6564229	System and method for pausing and resuming move/...	Baweja	5/13/2003	INVALID	INVALID	O
6574759	Method for verifying and improving run-time of a...	Woo	6/3/2003	VALID	INVALID	X
6587046	Monitoring apparatus and method	Joao	7/1/2003	INVALID	INVALID	O
6594346	Relay for personal interpreter	Engelke	7/15/2003	INVALID	VALID	#
6597812	System and method for lossless data compression...	Fallon	7/22/2003	INVALID	VALID	#

Patent	Title	First Inventor	Grant Date	PTAB	DC	
6603835	System for text assisted telephony	Engelke	8/5/2003	INVALID	VALID	#
6618047	Visibility calculations for 3d computer graphics	Lim	9/9/2003	INVALID	INVALID	O
6618707	Automated exchange for trading derivative securi...	Gary	9/9/2003	INVALID	INVALID	O
6622018	Portable device control console with wireless co...	Erekson	9/16/2003	INVALID	INVALID	O
6635280	Extending the duration of drug release within th...	Shell	10/21/2003	VALID	VALID	O
6658464	User station software that controls transport, s...	Reisman	12/2/2003	INVALID	INVALID	O
6661203	Battery charging and discharging system optimize...	Wolin	12/9/2003	INVALID	INVALID	O
6665725	Processing protocol specific information in pack...	Dietz	12/16/2003	INVALID	VALID	#
6671757	Data transfer and synchronization system	Multer	12/30/2003	VALID	VALID	O
6676609	Retractable brush for use with endoscope for bru...	Rutenberg	1/13/2004	INVALID	INVALID	O
6681003	Data collection and system management for patien...	Linder	1/20/2004	INVALID	VALID	#
6704891	Method for verifying and improving run-time of a...	Woo	3/9/2004	VALID	INVALID	X
6715084	Firewall system and method via feedback from bro...	Aaron	3/30/2004	INVALID	INVALID	O
6725107	Electronic scorekeeping device and system theref...	MacPherson	4/20/2004	INVALID	INVALID	O
6728766	Methods, systems and computer program products f...	Cox	4/27/2004	VALID	INVALID	X
6734927	Liquid crystal display and method of fabricating...	Sato	5/11/2004	INVALID	VALID	#
6766304	Click based trading with intuitive grid display...	Kemp, II	7/20/2004	VALID	VALID	O
6771970	Location determination system	Dan	8/3/2004	INVALID	INVALID	O
6772132	Click based trading with intuitive grid display...	Kemp, II	8/3/2004	INVALID	VALID	#
6772215	Method for minimizing feedback responses in ARQ...	Rathonyi	8/3/2004	INVALID	VALID	#
6773720	Mesalazine controlled release oral pharmaceutica...	Villa	8/10/2004	VALID	VALID	O
6775601	Method and control system for controlling propul...	MacBain	8/10/2004	INVALID	INVALID	O
6810019	Reducing interference in inter-frequency measure...	Steudle	10/26/2004	INVALID	VALID	#
6820204	System and method for selective information exch...	Desai	11/16/2004	INVALID	INVALID	O
6824110	Method and system for automatically activating a...	Kane	11/30/2004	INVALID	VALID	#
6826694	High resolution access control	Dutta	11/30/2004	INVALID	INVALID	O
6836290	Combined single-ended and differential signaling...	Chung	12/28/2004	INVALID	INVALID	O
6852689	Methods for administration of antibiotics	Oleson, Jr.	2/8/2005	INVALID	INVALID	O
6858650	Stable salts of novel derivatives of 3,3-dipheny...	Meese	2/22/2005	VALID	VALID	O
6864796	Systems within a communication device for evalua...	Lehrman	3/8/2005	INVALID	VALID	#
6871325	Information management and synchronous communica..	McNally	3/22/2005	INVALID	INVALID	O
6872183	System and method for detecting perforations in...	Sampson	3/29/2005	INVALID	VALID	#
6889620	Method for prescribing site-specific fertilizer...	Fraisse	5/10/2005	INVALID	INVALID	O
6892304	System and method for securely utilizing basic i...	Galasso	5/10/2005	VALID	INVALID	X
6900221	Stable polymorph on N-(3-ethynylphenyl)-6, 7-bis...	Norris	5/31/2005	INVALID	VALID	#
6941543	Motion control system and method	Brown	9/6/2005	INVALID	INVALID	O
6944905	Wiper blade for cleaning screens in particular o...	De Block	9/20/2005	INVALID	VALID	#
6947748	OFDMA with adaptive subcarrier-cluster configura...	Li	9/20/2005	INVALID	INVALID	O
6963859	Content rendering repository	Stefik	11/8/2005	VALID	VALID	O
6971044	Service clusters and method in a processing syst...	Geng	11/29/2005	INVALID	VALID	#
6981007	Onsite backup for internet-based data processing	Whitmyer, Jr.	12/27/2005	INVALID	VALID	#
6982733	Information management and synchronous communica..	McNally	1/3/2006	INVALID	INVALID	O
6982874	Thermal solution for electronic devices	Smalc	1/3/2006	INVALID	VALID	#
6996461	Method and system for ensuring that a train does...	Kane	2/7/2006	VALID	VALID	O
7003082	System for text assisted telephony	Engelke	2/21/2006	INVALID	VALID	#
7004913	Retractable brush for use with endoscope for bru...	Rutenberg	2/28/2006	INVALID	INVALID	O
7009034	Biocompatible crosslinked polymers	Pathak	3/7/2006	INVALID	INVALID	O
7010536	System and method for creating and manipulating...	De Angelo	3/7/2006	VALID	INVALID	X
7010572	System for handling electronic mail	Benjamin	3/7/2006	INVALID	INVALID	O
7056886	GLP-2 formulations	Isaacs	6/6/2006	INVALID	VALID	#
7062749	Measuring, monitoring and tracking enterprise co...	Cyr	6/13/2006	INVALID	INVALID	O
7072667	Location information service for a cellular tele...	Olrik	7/4/2006	INVALID	VALID	#
7079926	Train control system and method of controlling a...	Kane	7/18/2006	VALID	VALID	O
7080607	Seismic data acquisiton equipment control system	Hillesund	7/25/2006	INVALID	VALID	#

Patent	Title	First Inventor	Grant Date	PTAB	DC	
7092029	Strobe lighting system for digital images	Medwick	8/15/2006	INVALID	VALID	#
7092801	Train control system and method of controlling a...	Kane	8/15/2006	INVALID	VALID	#
7095917	Optical switching apparatus	Laor	8/22/2006	INVALID	INVALID	O
7104347	Hybrid vehicles	Severinsky	9/12/2006	INVALID	VALID	#
7120835	Computer equipment having a prompt access functi...	Qin	10/10/2006	INVALID	INVALID	O
7135641	Data cable with cross-twist cabled core profile	Clark	11/14/2006	INVALID	INVALID	O
7136392	System and method for ordering data messages hav...	Wentink	11/14/2006	INVALID	INVALID	O
7146202	Compound material analyte sensor	Ward	12/5/2006	INVALID	INVALID	O
7149510	Security access manager in middleware	Hansson	12/12/2006	VALID	VALID	O
7161506	Systems and methods for data compression such as...	Fallon	1/9/2007	INVALID	INVALID	O
7162967	Control system for positioning of marine seismic...	Hillesund	1/16/2007	INVALID	VALID	#
7171912	Method for prescribing site-specific fertilizer...	Fraisse	2/6/2007	INVALID	INVALID	O
7188180	Method for establishing secure communication lin...	Larson	3/6/2007	INVALID	VALID	#
7199715	System and method for tracking ID tags using a d...	Fields	4/3/2007	INVALID	VALID	#
7212999	User interface for an electronic trading system	Friesen	5/1/2007	INVALID	VALID	#
7237634	Hybrid vehicles	Severinsky	7/3/2007	INVALID	VALID	#
7238888	Wire for coil	Goto	7/3/2007	INVALID	INVALID	O
7250105	Measurement of substances in liquids	Davies	7/31/2007	INVALID	VALID	#
7260587	Method for organizing digital images	Testa	8/21/2007	INVALID	INVALID	O
7265494	Intelligent user interface with touch sensor tec...	Bruwer	9/4/2007	INVALID	INVALID	O
7269576	Content rendering apparatus	Stefik	9/11/2007	VALID	VALID	O
7293520	Control system for positioning of a marine seism...	Hillesund	11/13/2007	INVALID	VALID	#
7297364	Method for refurbishing lamp surfaces	Krause-Heringer	11/20/2007	INVALID	INVALID	O
7298327	Geographic location using multiple location esti...	Dupray	11/20/2007	INVALID	VALID	#
7306504	Transformable toy	Saucier	12/11/2007	INVALID	VALID	#
7319740	System for text assisted telephony	Engelke	1/15/2008	INVALID	VALID	#
7323980	Security system and method with realtime imagery	Faulkner	1/29/2008	INVALID	VALID	#
7327553	Feedthrough capacitor filter assemblies with lam...	Brendel	2/5/2008	INVALID	VALID	#
7329970	Touch sensor and location indicator circuits	Bruwer	2/12/2008	INVALID	INVALID	O
7334720	Data storage and access systems	Hulst	2/26/2008	INVALID	INVALID	O
7343165	GPS publication application server	Obradovich	3/11/2008	VALID	INVALID	X
7343867	Method for prescribing site-specific fertilizer...	Fraisse	3/18/2008	INVALID	INVALID	O
7384980	Derivatives of 3,3-diphenylpropylamines	Meese	6/10/2008	VALID	VALID	O
7397363	Control and/or monitoring apparatus and method	Joao	7/8/2008	INVALID	INVALID	O
7415530	System and methods for accelerated data storage...	Fallon	8/19/2008	VALID	INVALID	X
7418504	Agile network protocol for secure communications...	Larson	8/26/2008	INVALID	VALID	#
7433483	Narrow profile speaker configurations and system...	Fincham	10/7/2008	INVALID	VALID	#
7490151	Establishment of a secure communication link bas...	Munger	2/10/2009	INVALID	VALID	#
7498749	Intelligent electrical switching device includin...	Bruwer	3/3/2009	INVALID	INVALID	O
7509178	Audio program distribution and playback system	Logan	3/24/2009	INVALID	VALID	#
7516154	Cross language advertising	Chan	4/7/2009	INVALID	INVALID	O
7516177	Apparatus for distributing content objects to a...	Knapp	4/7/2009	INVALID	VALID	#
7520662	Rinseable splash shield and method of use	Farrell	4/21/2009	VALID	VALID	O
7523072	System for controlling the distribution and use...	Stefik	4/21/2009	VALID	VALID	O
7525484	Gateway and hybrid solutions for wireless locati...	Dupray	4/28/2009	INVALID	VALID	#
7533056	User interface for an electronic trading system	Friesen	5/12/2009	INVALID	VALID	#
7554290	Lithium-based battery pack for a hand-held power...	Johnson	6/30/2009	VALID	VALID	O
7555104	Relay for personal interpreter	Engelke	6/30/2009	INVALID	VALID	#
7559388	Hybrid vehicles	Severinsky	7/14/2009	INVALID	VALID	#
7590550	Connecting consumers with service providers	Schoenberg	9/15/2009	INVALID	INVALID	O
7603382	Advanced internet interface providing user displ...	Halt, Jr.	10/13/2009	INVALID	INVALID	O
7603674	Apparatus and systems for measuring, monitoring,...	Cyr	10/13/2009	INVALID	INVALID	O
7631346	Method and system for a runtime user account cre...	Hinton	12/8/2009	INVALID	VALID	#
7634666	Crypto-engine for cryptographic processing of da...	Cheng	12/15/2009	VALID	VALID	O

Patent	Title	First Inventor	Grant Date	PTAB	DC	
7647633	Malicious mobile code runtime monitoring system...	Edery	1/12/2010	INVALID	VALID	#
7668730	Sensitive drug distribution system and method	Reardan	2/23/2010	INVALID	VALID	#
7670358	System and method for aligning vertebrae in the...	Barry	3/2/2010	VALID	VALID	O
7676411	Click based trading with intuitive grid display...	Kemp, II	3/9/2010	INVALID	VALID	#
7693768	Click based trading with intuitive grid display...	Kemp, II	4/6/2010	INVALID	VALID	#
7725382	Click based trading with intuitive grid display...	Kemp, II	5/25/2010	INVALID	INVALID	O
7746916	Method and apparatus for generating and transmit...	Han	6/29/2010	INVALID	VALID	#
7757298	Method and apparatus for identifying and charact...	Shuster	7/13/2010	INVALID	INVALID	O
7762665	Method and apparatus for communication between h...	Vertegaal	7/27/2010	INVALID	VALID	#
7764231	Wireless location using multiple mobile station...	Karr	7/27/2010	INVALID	VALID	#
7765106	Sensitive drug distribution system and method	Reardan	7/27/2010	INVALID	VALID	#
7765107	Sensitive drug distribution system and method	Reardan	7/27/2010	INVALID	VALID	#
7765128	Programmable ticketing system	Brooks	7/27/2010	INVALID	VALID	#
7765482	Web-based media submission tool	Wood	7/27/2010	INVALID	INVALID	O
7768965	Method for transmitting and receiving signals ba...	Kwon	8/3/2010	INVALID	VALID	#
7772209	Antifolate combination therapies	Niyikiza	8/10/2010	VALID	VALID	O
7772781	Intelligent user interface with touch sensor tec...	Bruwer	8/10/2010	INVALID	INVALID	O
7773779	Biometric systems	Shalev	8/10/2010	INVALID	INVALID	O
7774280	System and method for managing transfer of right...	Nguyen	8/10/2010	INVALID	VALID	#
7781980	Intelligent user interface including a touch sen...	Bruwer	8/24/2010	INVALID	INVALID	O
7783252	Signal processing apparatus and methods	Harvey	8/24/2010	INVALID	INVALID	O
7783299	Advanced triggers for location-based service app...	Anderson	8/24/2010	INVALID	INVALID	O
7787431	Methods and apparatus for multi-carrier communic...	Li	8/31/2010	INVALID	INVALID	O
7801304	Signal processing apparatus and methods	Harvey	9/21/2010	INVALID	INVALID	O
7805749	Signal processing apparatus and methods	Harvey	9/28/2010	INVALID	INVALID	O
7813996	Click based trading with intuitive grid display...	Kemp, II	10/12/2010	INVALID	VALID	#
7818399	Methods of expanding commercial opportunities fo...	Ross, Jr.	10/19/2010	VALID	VALID	O
7820425	Method of cryopreserving selected sperm cells	Schenk	10/26/2010	INVALID	VALID	#
7827587	Signal processing apparatus and methods	Harvey	11/2/2010	INVALID	INVALID	O
7834605	Method and apparatus for maintaining a constant...	Balakrishnan	11/16/2010	INVALID	VALID	#
7835430	Multicarrier modulation messaging for frequency...	Krinsky	11/16/2010	INVALID	VALID	#
7851482	Method for making analgesics	Dung	12/14/2010	INVALID	INVALID	O
7855230	Derivatives of 3,3-diphenylpropylamines	Meese	12/21/2010	VALID	VALID	O
7860648	Map display system and method	Jung	12/28/2010	INVALID	INVALID	O
7864956	Signal processing apparatus and methods	Harvey	1/4/2011	INVALID	INVALID	O
7881236	Data transmission method and user equipment for...	Park	2/1/2011	INVALID	VALID	#
7895059	Sensitive drug distribution system and method	Reardan	2/22/2011	INVALID	VALID	#
7904374	Click based trading with intuitive grid display...	Kemp, II	3/8/2011	INVALID	VALID	#
7904680	Data access management system as well as a metho...	Binzinger	3/8/2011	INVALID	INVALID	O
7921211	Agile network protocol for secure communications...	Larson	4/5/2011	INVALID	VALID	#
7941174	Method for multicode transmission by a subscribe...	Breuer	5/10/2011	VALID	VALID	O
7942317	Data storage and access systems	Racz	5/17/2011	INVALID	INVALID	O
7944173	Lithium-based battery pack for a high current dr...	Johnson	5/17/2011	VALID	VALID	O
7945034	Process for determining characteristics of a tel...	Gonen	5/17/2011	VALID	INVALID	X
7955794	Multiplex nucleic acid reactions	Shen	6/7/2011	VALID	VALID	O
7984081	System and method for non-programmers to dynamic...	VanderDrift	7/19/2011	INVALID	INVALID	O
7985772	Derivatives of 3,3-diphenylpropylamines	Meese	7/26/2011	VALID	VALID	O
7994726	Intelligent user interface including a touch sen...	Bruwer	8/9/2011	INVALID	INVALID	O
7999510	Lithium-based battery pack for a high current dr...	Johnson	8/16/2011	VALID	VALID	O
8007826	Sustained release aminopyridine composition	Blight	8/30/2011	VALID	INVALID	X
8022118	Drag reduction of asphaltenic crude oils	Milligan	9/20/2011	INVALID	VALID	#
8023580	System and method of communication using at leas...	Bremer	9/20/2011	INVALID	VALID	#
8033458	Data storage and access systems	Hulst	10/11/2011	INVALID	INVALID	O
8035623	User interface with proximity sensing	Bruwer	10/11/2011	INVALID	INVALID	O

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8037158	Multimedia transactional services	Arunachalam	10/11/2011	INVALID	INVALID	O
8046791	Signal processing apparatus and methods	Harvey	10/25/2011	INVALID	INVALID	O
8061598	Data storage and access systems	Racz	11/22/2011	INVALID	INVALID	O
8065156	Adaptive information presentation apparatus and...	Gazdzinski	11/22/2011	INVALID	INVALID	O
8070319	Kinetic flame device	Schnuckle	12/6/2011	INVALID	VALID	#
8073557	Motion control systems	Brown	12/6/2011	VALID	INVALID	X
8082213	Method and system for personalized online securi...	Lyons	12/20/2011	INVALID	INVALID	O
8083137	Administration of financial accounts	Tannenbaum	12/27/2011	INVALID	INVALID	O
8088016	Half-pipe water ride	Murphy	1/3/2012	INVALID	VALID	#
8096660	Method and apparatus for communication between h...	Vertegaal	1/17/2012	INVALID	VALID	#
8108492	Web application network portal	Arunachalam	1/31/2012	INVALID	INVALID	O
8112504	System for disseminating media content represent...	Logan	2/7/2012	INVALID	INVALID	O
8115457	Method and apparatus for implementing a power co...	Balakrishnan	2/14/2012	INVALID	INVALID	O
8118221	Data storage and access systems	Racz	2/21/2012	INVALID	INVALID	O
8129431	Aqueous liquid preparation containing 2-amino-3-...	Sawa	3/6/2012	VALID	VALID	O
8135398	Method and apparatus for multimedia communicatio...	Wang	3/13/2012	INVALID	INVALID	O
8141154	System and method for inspecting dynamically gen...	Gruzman	3/20/2012	VALID	VALID	O
8144182	Real time video communications system	Shoemake	3/27/2012	VALID	INVALID	X
8145268	Methods, systems and apparatus for displaying th...	Wang	3/27/2012	INVALID	INVALID	O
8155012	System and method for adapting a piece of termin...	Austermann, III	4/10/2012	INVALID	VALID	#
8187433	Compound material analyte sensor	Ward	5/29/2012	VALID	INVALID	X
8198092	Digital sampling apparatus and methods for sorti...	Durack	6/12/2012	VALID	INVALID	X
8206740	Once daily formulations of tetracyclines	Chang	6/26/2012	VALID	VALID	O
8208569	Method and apparatus for multicarrier communicat...	Miyoshi	6/26/2012	INVALID	VALID	#
8213578	System for text assisted telephony	Engleke	7/3/2012	INVALID	VALID	#
8214097	Hybrid vehicles	Severinsky	7/3/2012	INVALID	VALID	#
8218481	Method of transmitting data in a mobile communic...	Kwon	7/10/2012	INVALID	VALID	#
8225408	Method and system for adaptive rule-based conten...	Rubin	7/17/2012	VALID	INVALID	X
8232250	Low frequency glatiramer acetate therapy	Klinger	7/31/2012	INVALID	INVALID	O
8238412	Multicarrier modulation messaging for power leve...	Krinsky	8/7/2012	INVALID	VALID	#
8261752	Crank type automatic cigarette tube injector	Bao	9/11/2012	INVALID	INVALID	O
8266432	Centralized identification and authentication sy...	Asghari-Kamrani	9/11/2012	INVALID	INVALID	O
8275863	Method of modifying a toolbar	Selgas	9/25/2012	VALID	INVALID	X
8288952	Intelligent user interface including a touch sen...	Bruwer	10/16/2012	INVALID	INVALID	O
8290778	Computerized information presentation apparatus	Gazdzinski	10/16/2012	INVALID	INVALID	O
8296146	Computerized information presentation apparatus	Gazdzinski	10/23/2012	INVALID	INVALID	O
8301466	Method and system for providing online records	Lorsch	10/30/2012	INVALID	INVALID	O
8311945	System and method for processing checks and chec...	Hawkins	11/13/2012	VALID	VALID	O
8318430	Methods of fetal abnormality detection	Chuu	11/27/2012	VALID	VALID	O
8322856	Method and apparatus for communication between h...	Vertegaal	12/4/2012	INVALID	VALID	#
8324283	Solid pharmaceutical compositions comprising a S...	Oomura	12/4/2012	INVALID	INVALID	O
8329216	Oxymorphone controlled release formulations	Kao	12/11/2012	VALID	VALID	O
8332475	Messaging system and method	Rosen	12/11/2012	INVALID	INVALID	O
8336772	Data storage and access systems	Racz	12/25/2012	INVALID	INVALID	O
8338478	Derivatives of 3,3-diphenylpropylamines	Meese	12/25/2012	VALID	VALID	O
8346618	Programmable ticketing system	Brooks	1/1/2013	INVALID	VALID	#
8354437	Method of using sustained release aminopyridine...	Blight	1/15/2013	VALID	INVALID	X
8374887	System and method for remotely supervising and v...	Alexander	2/12/2013	INVALID	INVALID	O
8375880	Retractable step for boat swim platform	St. Clair, Jr.	2/19/2013	INVALID	VALID	#
8379801	Methods and systems related to text caption erro...	Romriell	2/19/2013	INVALID	INVALID	O
8380244	Dual mode unit for short range, high rate and lo...	Gorsuch	2/19/2013	INVALID	VALID	#
8381473	System and method for floor covering installatio...	Scott	2/26/2013	INVALID	INVALID	O
8394405	Once daily formulations of tetracyclines	Chang	3/12/2013	VALID	VALID	O
8399413	Low frequency glatiramer acetate therapy	Klinger	3/19/2013	INVALID	INVALID	O

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8402115	System and method for delivering remotely stored...	Franco	3/19/2013	INVALID	VALID	#
8402281	Data security system for a database	Dahl	3/19/2013	INVALID	INVALID	O
8426498	Drag reduction of asphaltenic crude oils	Milligan	4/23/2013	INVALID	VALID	#
8432956	Multicarrier modulation messaging for power leve...	Krinsky	4/30/2013	INVALID	VALID	#
8434020	Computing device with improved user interface fo...	Martyn	4/30/2013	INVALID	VALID	#
8434282	System for carpet tile installation	Scott	5/7/2013	INVALID	INVALID	O
8440703	Methods of using sustained release aminopyridine...	Blight	5/14/2013	VALID	INVALID	X
8450249	Drag reduction of asphaltenic crude oils	Milligan	5/28/2013	INVALID	VALID	#
8450250	Drag reduction of asphaltenic crude oils	Milligan	5/28/2013	INVALID	VALID	#
8457228	System and method of communication using at leas...	Bremer	6/4/2013	INVALID	VALID	#
8457988	Sensitive drug distribution system and method	Reardan	6/4/2013	INVALID	VALID	#
8458245	Real time communications system	Marks	6/4/2013	INVALID	INVALID	O
8460247	Catheter assembly and components thereof	Woehr	6/11/2013	VALID	VALID	O
8468199	System and method for verifying delivery and int...	Tomkow	6/18/2013	INVALID	INVALID	O
8475174	Learning method and system using detached sensor	Ho	7/2/2013	INVALID	INVALID	O
8475832	Sublingual and buccal film compositions	Myers	7/2/2013	INVALID	INVALID	O
8476010	Propofol formulations with non-reactive containe...	Desai	7/2/2013	INVALID	VALID	#
8485565	Brunnian link making device and kit	Ng	7/16/2013	INVALID	VALID	#
8494581	System and methods for management of mobile fiel...	Barbosa	7/23/2013	INVALID	INVALID	O
8494967	Method and system for distributing electronic ti...	Bergdale	7/23/2013	INVALID	INVALID	O
8501639	Thermally protective flame retardant fabric	Monfalcone, III	8/6/2013	VALID	VALID	O
8528118	Sports helmet	Ide	9/10/2013	INVALID	VALID	#
8530250	Light emitting device, resin package, resin-mold...	Ichikawa	9/10/2013	INVALID	VALID	#
8533860	Personalized digital media access system--PDMAS...	Grecia	9/10/2013	INVALID	INVALID	O
8534869	Kinetic flame device	Patton	9/17/2013	INVALID	VALID	#
8538321	Computing method and system using detached senso...	Ho	9/17/2013	INVALID	INVALID	O
8540575	Method and system for increased realism in video...	Angelopoulos	9/24/2013	INVALID	INVALID	O
8542815	Producing routing messages for voice over IP com...	Perreault	9/24/2013	VALID	INVALID	X
8544078	Flexible network security system and method for...	Lee	9/24/2013	INVALID	INVALID	O
8559369	Wireless internet system and method	Barkan	10/15/2013	INVALID	VALID	#
8566960	System and method for adjustable licensing of di...	Richardson	10/22/2013	INVALID	INVALID	O
8585136	Chair with coupling companion stool base	Warncke	11/19/2013	INVALID	VALID	#
8586849	Media system and method of progressive instructi...	Smith	11/19/2013	INVALID	INVALID	O
8589182	Sensitive drug distribution system and method	Reardan	11/19/2013	INVALID	VALID	#
8597831	Method of fabricating fibres composed of silicon...	Green	12/3/2013	INVALID	VALID	#
8601154	System and method for transmission of data	Payne	12/3/2013	VALID	VALID	O
8624550	Multifunctional charger system and method	Fischer	1/7/2014	VALID	VALID	O
8633162	Methods of providing therapeutic effects using c...	Acheampong	1/21/2014	INVALID	VALID	#
8642556	Methods of providing therapeutic effects using c...	Acheampong	2/4/2014	INVALID	VALID	#
8643513	Data compression systems and methods	Fallon	2/4/2014	INVALID	VALID	#
8650591	Video enabled digital devices for embedding user...	Prieto	2/11/2014	INVALID	VALID	#
8651118	Hair styling device	De Benedictis	2/18/2014	INVALID	VALID	#
8656125	Data access and management system as well as a m...	Binzinger	2/18/2014	INVALID	INVALID	O
8663685	Sustained release aminopyridine composition	Blight	3/4/2014	VALID	INVALID	X
8669290	Aqueous liquid preparation containing 2-amino-3-...	Sawa	3/11/2014	VALID	VALID	O
8672482	Method and apparatus for communication between h...	Vertegaal	3/18/2014	INVALID	VALID	#
8673550	MSP nanopores and related methods	Gundlach	3/18/2014	INVALID	VALID	#
8673927	Uses of DPP-IV inhibitors	Dugi	3/18/2014	INVALID	INVALID	O
8677494	Malicious mobile code runtime monitoring system...	Ederly	3/18/2014	INVALID	VALID	#
8682673	Computerized information and display apparatus	Gazdzinski	3/25/2014	INVALID	INVALID	O
8687640	Controlling communication sessions	Lyons	4/1/2014	INVALID	VALID	#
8696166	Kinetic flame device	Patton	4/15/2014	INVALID	VALID	#
8706504	Computerized information and display apparatus	Gazdzinski	4/22/2014	INVALID	INVALID	O
8712471	Methods, systems and apparatus for displaying th...	Wang	4/29/2014	INVALID	INVALID	O

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8713476	Computing device with improved user interface fo...	Martyn	4/29/2014	INVALID	VALID	#
8719037	Transport apparatus with computerized informatio...	Gazdzinski	5/6/2014	INVALID	INVALID	O
8719038	Computerized information and display apparatus	Gazdzinski	5/6/2014	INVALID	INVALID	O
8731963	Sensitive drug distribution system and method	Reardan	5/20/2014	INVALID	VALID	#
8739993	Container for spillproof container assemblies	Dunn	6/3/2014	INVALID	VALID	#
8747379	Absorbent articles with refastenable side seams	Fletcher	6/10/2014	INVALID	INVALID	O
8754131	Aqueous liquid preparation containing 2-amino-3-...	Sawa	6/17/2014	VALID	VALID	O
8794516	Data storage and access systems	Racz	8/5/2014	INVALID	INVALID	O
8818770	Pitch determination systems and methods for aeri...	Pershing	8/26/2014	VALID	VALID	O
8821541	Suture anchor with insert-molded rigid member	Dreyfuss	9/2/2014	INVALID	VALID	#
8822438	Methods and compositions for treating cancer	Auerbach	9/2/2014	INVALID	INVALID	O
8825454	Concurrent display systems and methods for aeria...	Pershing	9/2/2014	VALID	VALID	O
8846100	Controlled dose drug delivery system	Shojaei	9/30/2014	VALID	VALID	O
8846112	Methods of distributing a pharmaceutical product...	Baldassarre	9/30/2014	INVALID	INVALID	O
8853156	Treatment for diabetes in patients inappropriate...	Dugi	10/7/2014	INVALID	INVALID	O
8862747	Method and apparatus for tagging network traffic...	Shah	10/14/2014	INVALID	INVALID	O
8865688	Compositions and methods for treatment of bowel...	Forbes	10/21/2014	INVALID	INVALID	O
8871813	Aqueous liquid preparation containing 2-amino-3-...	Sawa	10/28/2014	VALID	VALID	O
8874677	Messaging system and method	Rosen	10/28/2014	INVALID	INVALID	O
8889083	Device and method for pressure-driven plug trans...	Ismagilov	11/18/2014	VALID	VALID	O
8905855	System and method for utilizing motion capture d...	Fitzpatrick	12/9/2014	INVALID	VALID	#
8927592	Antitumoral use of cabazitaxel	Gupta	1/6/2015	INVALID	INVALID	O
8927606	Aqueous liquid preparation containing 2-amino-3-...	Sawa	1/6/2015	VALID	VALID	O
8938818	Sports helmet	Ide	1/27/2015	INVALID	VALID	#
8942107	Piece of ethernet terminal equipment	Austerman, III	1/27/2015	INVALID	VALID	#
8944928	Virtual reality system for viewing current and p...	Kaps	2/3/2015	INVALID	VALID	#
8952138	Refolding proteins using a chemically controlled...	Shultz	2/10/2015	INVALID	VALID	#
8969302	Low frequency glatiramer acetate therapy	Klinger	3/3/2015	INVALID	INVALID	O
8992608	Everting heart valve	Haug	3/31/2015	INVALID	VALID	#
9019838	Central piece of network equipment	Austermann, III	4/28/2015	INVALID	VALID	#
9042306	Wireless internet system and method	Barkan	5/26/2015	INVALID	VALID	#
9047586	Systems for tagged bar code data interchange	Melick	6/2/2015	INVALID	INVALID	O
9051066	System and method for filling containers with fl...	Malone	6/9/2015	INVALID	VALID	#
9054728	Data compression systems and methods	Fallon	6/9/2015	VALID	INVALID	X
9059532	Biometric belt connector	Hermannsson	6/16/2015	VALID	VALID	O
9060976	Pharmaceutical formulation containing gelling ag...	Wright	6/23/2015	INVALID	VALID	#
9116908	System and methods for accelerated data storage...	Fallon	8/25/2015	VALID	INVALID	X
9135737	Concurrent display systems and methods for aeria...	Pershing	9/15/2015	VALID	VALID	O
9173857	Controlled dose drug delivery system	Shojaei	11/3/2015	VALID	VALID	O
9179005	Producing routing messages for voice over IP com...	Perreault	11/3/2015	VALID	INVALID	X
9179907	Knotless graft fixation assembly	EIAttrache	11/10/2015	INVALID	VALID	#
9220698	Method for delivering a pharmaceutical compositi...	Ault	12/29/2015	INVALID	INVALID	O
9233698	Railway safety critical systems with task redund...	Weber	1/12/2016	VALID	VALID	O
9242749	System and method for filling containers with fl...	Malone	1/26/2016	VALID	VALID	O
9300792	Registration, verification and notification syst...	Gonen	3/29/2016	INVALID	INVALID	O
9315282	System and method for filling containers with fl...	Malone	4/19/2016	VALID	VALID	O
9393208	Method for delivering a pharmaceutical compositi...	Ault	7/19/2016	INVALID	INVALID	O
9399326	Method for fastening an accessory in a plastic f...	Criel	7/26/2016	INVALID	VALID	#
9399327	Method for fastening an accessory in a plastic f...	Criel	7/26/2016	INVALID	VALID	#
9403626	Proppant storage vessel and assembly thereof	Oren	8/2/2016	INVALID	VALID	#
9498419	Keratin treatment formulations and methods	Pressly	11/22/2016	INVALID	VALID	#
9511929	Proppant storage vessel and assembly thereof	Oren	12/6/2016	INVALID	VALID	#
9531473	Remotely reconfigurable distributed antenna syst...	Lemson	12/27/2016	INVALID	VALID	#
9668954	Keratin treatment formulations and methods	Pressly	6/6/2017	INVALID	VALID	#

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RE38551	Anticonvulsant enantiomeric amino acid derivativ...	Kohn	7/6/2004	VALID	VALID	○
RE40521	Data access and management system as well as a m...	Binzinger	9/23/2008	VALID	INVALID	×
RE42096	Oral pulsed dose drug delivery system	Burnside	2/1/2011	INVALID	VALID	#
RE42196	System and method for blocking harmful informati...	Jung	3/1/2011	INVALID	INVALID	○
RE43767	Control of data transmission between a remote mo...	Eggers	10/23/2012	INVALID	VALID	#
RE44186	Cyclopropyl-fused pyrrolidine-based inhibitors o...	Robl	4/30/2013	VALID	VALID	○