

**Patent Number:** [US9437078B2](#)  
**Patent Title:** Method for parimutuel wagering  
**Priority Date:** 4/13/2015  
**Grant Date:** 9/6/2016

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**Patents/Applications Retrieved:** 5,984  
**Unique Patents/Applications Reviewed:** 4,238

**Overall Strength:** B (Grades A,B,C,D,F)

**Top 10 Patents and Apps Based on Similarity:**

<u>Patent Number</u>	<u>Title</u>	<u>Similarity</u>
<a href="#">US20100160038A1</a>	Interactive asynchronous computer game infrastructure	Very Similar
<a href="#">US20040009796A1</a>	Method and apparatus for racing a plurality of competitors	Very Similar
<a href="#">US20040171421A1</a>	Cashless method for a gaming system	Very Similar
<a href="#">US8469799B2</a>	Gaming machine accounting system with gamestored ticket information	Very Similar
<a href="#">US9466170B2</a>	Networked gaming system communication protocols and methods	Very Similar
<a href="#">US7785189B2</a>	Central determination gaming system which provides a player a choice in outcomes	Very Similar
<a href="#">US20040034440A1</a>	Golf handicap and merchandising kiosk	Very Similar
<a href="#">US9536385B2</a>	System and method of timing wagers in an integrated wagering and interactive media platform	Very Similar
<a href="#">US20040087360A1</a>	Gaming device having an electronic funds transfer system	Very Similar

**Top 10 Non Patent Prior Art by occurrence:**

The Basics of Horseplay  
Wagering Information Straight or Basic Wagers  
Bally LiveServer Based Gaming brochure, written by Bally Gaming Systems, published in 2006.  
Bonusing Solutions without Limits brochure, written by Bally Gaming Systems, published in 2005.  
Bet With the People Who Know Racing,  
Quote of the Day bet of the Day,  
SB ProductsThe Next Big Innovation, printed from www.igt.com in Aug. 2006.  
Server Based Other Possibilities Article published by www.casinocenter.com in May 2006.  
Glossary of Terms  
Australian Examiners Report for Application No. 2007286884, dated Jul. 12, 2010 (3 pages).

**Top 10 Assignees by occurrence:**

IGT Inc  
Bally Gaming Inc  
CFPH LLC  
Energous Corp  
Cantor Index Llc  
Rovi Guides Inc  
Sony Interactive Entertainment America LLC  
ODS Properties Inc  
Scientific Games Holdings Ltd  
TV Guide Inc  
UV Corp

**Top 10 Inventors by occurrence:**

Joseph M. Asher  
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Binh T. Nguyen

## Top 1000 Patents based on similarity

<u>Patent Number</u>	<u>Title</u>	<u>Similarity</u>
<a href="#">US20100160038A1</a>	Interactive asynchronous computer game infrastructure	Very Similar
<a href="#">US20040009796A1</a>	Method and apparatus for racing a plurality of competitors	Very Similar
<a href="#">US20040171421A1</a>	Cashless method for a gaming system	Very Similar
<a href="#">US8469799B2</a>	Gaming machine accounting system with gamestored ticket information	Very Similar
<a href="#">US9466170B2</a>	Networked gaming system communication protocols and methods	Very Similar
<a href="#">US7785189B2</a>	Central determination gaming system which provides a player a choice in outcomes	Very Similar
<a href="#">US20040034440A1</a>	Golf handicap and merchandising kiosk	Very Similar
<a href="#">US9536385B2</a>	System and method of timing wagers in an integrated wagering and interactive media platform	Very Similar
<a href="#">US20040087360A1</a>	Gaming device having an electronic funds transfer system	Very Similar
<a href="#">US9251658B2</a>	Regulated games multiact games	Very Similar
<a href="#">US20080176654A1</a>	Gaming machine environment having controlled audio media presentation	Very Similar
<a href="#">US20110207519A1</a>	Multiplayer matching game	Very Similar
<a href="#">DE102009025263A1</a>	Method and apparatus for transmission of event data	Very Similar
<a href="#">US20140066188A1</a>	Methods and Apparatus For Parimutual Historical Gaming	Very Similar
<a href="#">US20060009281A1</a>	Wagering system with hub and automated wagering site selection	Very Similar
<a href="#">US5018736A</a>	Interactive game system and method	Very Similar
<a href="#">US10217319B2</a>	Managing cashless wagering game systems	Very Similar
<a href="#">US20060035698A1</a>	Gaming device and method	Very Similar
<a href="#">US20030036422A1</a>	Gaming device having player selectable award digits and award modification options	Very Similar
<a href="#">US7949722B1</a>	Enhanced video programming system and method utilizing userprofile information	Very Similar
<a href="#">WO2005029279A2</a>	Method and apparatus for awarding individual or group point multiplication	Very Similar
<a href="#">US8702490B2</a>	Gaming device having multiple game play option	Very Similar
<a href="#">US9575156B2</a>	Spatial recognition of RFID tag placement using antenna multiplexing	Very Similar
<a href="#">US20100304850A1</a>	Game access device with time varying signal	Very Similar
<a href="#">US6887156B2</a>	Interactive wagering systems and methods with multiple television feeds	Very Similar
<a href="#">US6524184B1</a>	Multilevel lotterytype gaming system with playerselected second level game	Very Similar
<a href="#">US6645078B1</a>	Casino gambling apparatus with person detection	Very Similar
<a href="#">US8540562B2</a>	Advantage bingo bonus	Very Similar
<a href="#">DE202009007113U1</a>	Electronic game device	Very Similar
<a href="#">US8613668B2</a>	Directional wireless communication	Very Similar
<a href="#">US5869826A</a>	System and method for conducting coinless transactions	Very Similar
<a href="#">US20070022447A1</a>	System and Methods for Enhancing the Experience of Spectators Attending a Live Sporting Event, with Automated Video Strea	Very Similar
<a href="#">US8073657B2</a>	3D casino gaming floor visualization utilizing realtime and batch data	Very Similar
<a href="#">US9196123B2</a>	Systems and methods for balance transfers associated with gaming environments	Very Similar
<a href="#">US9325203B2</a>	Optimized power consumption in a gaming device	Very Similar
<a href="#">US20060019750A1</a>	Dynamic configuration of gaming system	Very Similar
<a href="#">US9525902B2</a>	Discovery and analytics for episodic downloaded media	Very Similar
<a href="#">EP0624039A2</a>	Integrated television services system	Very Similar
<a href="#">US20100030640A1</a>	Establishing an Impression Area	Very Similar
<a href="#">AU2001256984B2</a>	Interactive wagering systems and methods with multiple television feeds	Very Similar
<a href="#">US8128471B2</a>	Gaming system, gaming machine and game control method with compensation processing based on lower limit of odds	Very Similar
<a href="#">US20050143168A1</a>	Progressive wagering system	Very Similar
<a href="#">US20050178828A1</a>	Method and system for providing a flexible product purchase account for members of a healthcare organization	Similar
<a href="#">EP1484723A2</a>	Interactive wagering system with promotions	Similar
<a href="#">US6837791B1</a>	Interactive wagering system with totalisator selection	Similar
<a href="#">US20050096124A1</a>	Parimutuel wagering system with opaque transactions	Similar
<a href="#">US20050227758A1</a>	Football money machine baseball money machine hockey money machine basketball money machine	Similar
<a href="#">US6991544B2</a>	Method, apparatus and article for hierarchical wagering	Similar
<a href="#">US20060258428A1</a>	Ordering, delivering, and licensing wager gaming content	Similar
<a href="#">US20060258438A1</a>	Online wagering system and method	Similar
<a href="#">US7052392B2</a>	Method and apparatus for providing an advantage to a player in a bonus game	Similar
<a href="#">US7040982B1</a>	Financial trading game	Similar
<a href="#">US20040048656A1</a>	System and method for parimutuel wagering on sporting events	Similar
<a href="#">US6089982A</a>	Cashless computerized video game system and method	Similar
<a href="#">WO2000025876A1</a>	Methods and apparatus for parimutuel historical gaming	Similar
<a href="#">US20020054088A1</a>	Realtime, interactive and personalized video services	Similar
<a href="#">US20030176215A1</a>	Gaming device having varying risk player selections	Similar
<a href="#">US20110111842A1</a>	Method and apparatus for enabling a player to simultaneously control game play with multiple gaming devices	Similar

## Top 1000 Patents based on similarity

<u>Patent Number</u>	<u>Title</u>	<u>Similarity</u>
<a href="#">US8337291B2</a>	Multiplayer matching game	Similar
<a href="#">US7980938B2</a>	Wagering game with video lottery bonus game	Similar
<a href="#">US8777709B2</a>	Wagering on intermediate points of a race event	Similar
<a href="#">AU2001247701B2</a>	Interactive wagering system	Similar
<a href="#">US6921331B2</a>	Methods and systems for electronic virtual races	Similar
<a href="#">US7070499B2</a>	Method and apparatus to execute bets	Similar
<a href="#">US20100151945A2</a>	Gaming Machine With Surround Sound Features	Similar
<a href="#">US6955604B1</a>	System and method for providing a realistic audiovisual representation of a game among widely separated participants	Similar
<a href="#">US5957775A</a>	Wagering game based on ranking order of game participants	Similar
<a href="#">AU758601B2</a>	Interactive wagering systems and processes	Similar
<a href="#">US20090239600A1</a>	Gaming system, gaming machine and game control method with compensation processing based on lower limit of odds	Similar
<a href="#">US20100203948A1</a>	Gaming machine and game having multiple levels	Similar
<a href="#">US20080076537A1</a>	Game system	Similar
<a href="#">US20080227532A1</a>	Apparatus for parimutuel racing game with finish order betting	Similar
<a href="#">US20080318690A1</a>	Methods and apparatus for remote play of a gaming device	Similar
<a href="#">US20070117637A1</a>	Method and system of real video gaming	Similar
<a href="#">US8556701B2</a>	Bingotype matching game	Similar
<a href="#">US9208648B2</a>	Gaming system and method for triggering a random secondary game in association with multiple concurrently played primary	Similar
<a href="#">US9293000B2</a>	Gaming system, gaming device and method for moderating remote host initiated features for multiple concurrently played gam	Similar
<a href="#">GB2530662A</a>	Virtual gaming system and method	Similar
<a href="#">US9747748B2</a>	Web based methods and apparatus for parimutuel historical gaming	Similar
<a href="#">US10016674B2</a>	Management of streaming video data	Similar
<a href="#">US4844462A</a>	Electronic racing game apparatus and methods	Similar
<a href="#">US6554708B1</a>	Interactive wagering systems and processes	Similar
<a href="#">US6099409A</a>	Interactive wagering systems and processes	Similar
<a href="#">US6089981A</a>	Interactive wagering systems and processes	Similar
<a href="#">US20030144057A1</a>	Interactive wagering systems and process	Similar
<a href="#">US8986105B2</a>	Supplemental bonusing system for an electronic gaming device	Similar
<a href="#">US8328624B2</a>	Slot driven video story	Similar
<a href="#">US20040242304A1</a>	Slot driven video story	Similar
<a href="#">US20070191091A1</a>	Slot driven video story	Similar
<a href="#">US8529339B2</a>	Gaming system and method for providing a slot driven video story	Similar
<a href="#">US6500068B2</a>	Slot driven video story	Similar
<a href="#">US7198572B2</a>	Slot driven video story	Similar
<a href="#">EP1124617A4</a>	Methods and apparatus for parimutuel historical gaming	Similar
<a href="#">US8419544B2</a>	Systems and methods for interactive wagering using multiple types of user interfaces	Similar
<a href="#">US7264546B2</a>	Interactive wagering system with promotions	Similar
<a href="#">US20070275781A1</a>	Interactive wagering system with promotions	Similar
<a href="#">AU764470B2</a>	Gaming apparatus and gaming method	Similar
<a href="#">US6848991B2</a>	Online game method and game system	Similar
<a href="#">US9070254B2</a>	Wagering game with incremental unlocking of content	Similar
<a href="#">US8532798B2</a>	Predicting outcomes of future sports events based on userselected inputs	Similar
<a href="#">US8634943B2</a>	Interactive sportsthemed game	Similar
<a href="#">US20090259581A1</a>	Financial activity relating to natural peril events	Similar
<a href="#">WO2007067217A2</a>	Inroom gaming	Similar
<a href="#">AU2007222028B2</a>	Wagering game with persistent state of game assets affecting other players	Similar
<a href="#">US7835974B2</a>	System and method for managing risk associated with product transactions	Similar
<a href="#">US7925577B2</a>	System and method for establishing and providing access to various types of online accounts	Similar
<a href="#">US8001039B2</a>	System and method for establishing and providing access to an online account	Similar
<a href="#">US7996297B2</a>	System and method for providing access to and managing account activity for an online account	Similar
<a href="#">US20050049731A1</a>	Interactive wagering contest method and system	Similar
<a href="#">US7553232B2</a>	System and method for predicting results of chance events over a userselected number of events	Similar
<a href="#">US9478102B2</a>	Wagering game with alterablemath feature	Similar
<a href="#">US7762886B2</a>	Method and apparatus for enhancing a wagering experience using a wagering terminal adaptable to a selfservice mode	Similar
<a href="#">US10102716B2</a>	Wagering apparatus, methods and systems	Similar
<a href="#">US4876592A</a>	System for merchandising and the evaluation of responses to broadcast transmissions	Similar
<a href="#">GB2229565A</a>	Gaming apparatus or system	Similar
<a href="#">US5415416A</a>	Computerized lottery wagering system	Similar

## Top 1000 Patents based on similarity

<u>Patent Number</u>	<u>Title</u>	<u>Similarity</u>
<a href="#">US5283734A</a>	System and method of communication with authenticated wagering participation	Similar
<a href="#">US20080227551A1</a>	Dynamically reconfigurable realtime gaming system	Similar
<a href="#">US9070250B2</a>	Wireless realtime gaming system	Similar
<a href="#">US20080300039A9</a>	Gaming system utilizing wheels enhanced input/output systems	Similar
<a href="#">US20080182649A1</a>	Methods and systems for interactive wagering using multiple types of user interface	Similar
<a href="#">US8317616B2</a>	System, method, and article of manufacture for multiplayer gaming from an offsite location	Similar
<a href="#">US20070207857A1</a>	Integrated gaming and services system and method	Similar
<a href="#">US20070281790A1</a>	Player reward system for activity on a computer system	Similar
<a href="#">US20080058094A1</a>	System and Method for Betting on a Subset of Participants in an Event Wherein Betting Parameters May Change Over Time	Similar
<a href="#">US7379886B1</a>	Cellular telephone interactive wagering system	Similar
<a href="#">US20080227525A1</a>	Gaming system having game difficulty controller	Similar
<a href="#">US20080242403A1</a>	Cashless gaming system apparatus and method	Similar
<a href="#">US20100197394A1</a>	Game machine, game information display method and game program	Similar
<a href="#">US8191121B2</a>	Methods and systems for controlling access to resources in a gaming network	Similar
<a href="#">US8275848B2</a>	System and method for oneway delivery of notifications from server to clients using modified multicasts	Similar
<a href="#">AU2011203086B2</a>	Method for wagering	Similar
<a href="#">US8439746B2</a>	Managing limitation rules for wagering accounts	Similar
<a href="#">US8491378B1</a>	Real time parimutuel wagering system and method	Similar
<a href="#">US8540574B1</a>	Navigation aware news service	Similar
<a href="#">US20150072770A1</a>	Unified wagering data model	Similar
<a href="#">US6592457B1</a>	Gaming machine with player selected events	Similar
<a href="#">US7774259B1</a>	Interactive wagering system with criteria wagering	Similar
<a href="#">GB2361080A</a>	Tracking system	Similar
<a href="#">US6443843B1</a>	System to provide game play for products	Similar
<a href="#">US6652378B2</a>	Gaming machines and systems offering simultaneous play of multiple games and methods of gaming	Similar
<a href="#">RU2203716C2</a>	Method for managing hazardous game of totalizator type	Similar
<a href="#">US9443392B2</a>	Method for parimutuel wagering	Similar
<a href="#">US8512144B2</a>	Method and apparatus for providing secondary gaming machine functionality	Similar
<a href="#">AU2016247755A1</a>	An improved method for parimutuel wagering	Similar
<a href="#">US9858765B2</a>	Simulating race events according to betting information	Similar
<a href="#">US5846132A</a>	Interactive system allowing simulated or real time participation in a league	Similar
<a href="#">US6358150B1</a>	Methods and apparatus for parimutuel historical gaming	Similar
<a href="#">US20030033405A1</a>	Predicting the activities of an individual or group using minimal information	Similar
<a href="#">US6450887B1</a>	Methods and apparatus for parimutuel historical gaming	Similar
<a href="#">US20050208995A1</a>	Methods and systems for interactive wagering using multiple types of user interfaces	Similar
<a href="#">US20080153583A1</a>	System and method for gaming terminal with account funding	Similar
<a href="#">US20080248846A1</a>	Method and system for conducting multirace lottery or parimutuel wagers	Similar
<a href="#">US20100029372A1</a>	Methods and apparatus for a terminal network interface for use with wagering applications	Similar
<a href="#">US6666769B2</a>	Multimedia wagering system	Similar
<a href="#">US20060258432A1</a>	System, method, and computer program product for networked parimutuel gaming	Similar
<a href="#">US20100144428A1</a>	Method and system for placing a wager on a parimutuel event	Similar
<a href="#">US20120322540A1</a>	Enhanced parimutuel wagering filter	Similar
<a href="#">US20060058084A1</a>	Electronic card table	Similar
<a href="#">US7429215B2</a>	System and method for providing side wagering in multiplayer wager based games	Similar
<a href="#">US20140274352A1</a>	Systems and methods for interactive games	Similar
<a href="#">US20150364009A1</a>	Method for PariMutuel Wagering	Similar
<a href="#">US7438640B2</a>	Systems and methods for providing gaming activities	Similar
<a href="#">US20010034268A1</a>	User interface for interactive wagering systems	Similar
<a href="#">US20030212623A1</a>	Method and a system for a participant to make a wager with a betting organiser in respect of an event that has more than two	Similar
<a href="#">US20080268930A1</a>	System and method for generating and displaying a horse racing form for use with a virtual horse race	Similar
<a href="#">US20090149233A1</a>	Virtual world of sports competition events with integrated betting system	Similar
<a href="#">US20130079094A1</a>	Method of Lottery Wagering on RealWorld Events	Similar
<a href="#">US20160098900A1</a>	Player focused method of parimutuel wagering and other types of wagering in real time	Similar
<a href="#">US5795226A</a>	Betting race game	Similar
<a href="#">EP1124617A1</a>	Methods and apparatus for parimutuel historical gaming	Similar
<a href="#">US20010031656A1</a>	Systems and methods for interactive wagering	Similar
<a href="#">US6394898B1</a>	Race game device	Similar
<a href="#">US9402102B2</a>	System and method for using television schedule information	Similar

## Top 1000 Patents based on similarity

<u>Patent Number</u>	<u>Title</u>	<u>Similarity</u>
<a href="#">US9483911B2</a>	Information distribution in gaming networks	Similar
<a href="#">US8661496B2</a>	System for combining a plurality of views of realtime streaming interactive video	Similar
<a href="#">US20040153468A1</a>	Datacast file transmission with metadata retention	Similar
<a href="#">US7695363B2</a>	Gaming device having multiple display interfaces	Similar
<a href="#">US9142097B2</a>	Gaming system and method for providing play of local first game and remote second game	Similar
<a href="#">US7437549B2</a>	Datacast distribution system	Similar
<a href="#">US6735487B1</a>	Interactive wagering system with promotions	Similar
<a href="#">US9407854B2</a>	Systems and methods for providing enhanced sports watching media guidance	Similar
<a href="#">US7617151B2</a>	Alternative player tracking techniques	Similar
<a href="#">US9437073B2</a>	System and method for integrated multiple source player cash access	Similar
<a href="#">GB2474012A</a>	Methods and apparatus relating to payment for operation of a machine	Similar
<a href="#">US7534169B2</a>	System and method for wireless gaming system with user profiles	Similar
<a href="#">US8939359B2</a>	Game access device with time varying signal	Similar
<a href="#">US4926255A</a>	System for evaluation of response to broadcast transmissions	Similar
<a href="#">US8713615B2</a>	Systems and methods for providing a shared folder via television	Similar
<a href="#">US4965825A</a>	Signal processing apparatus and methods	Similar
<a href="#">US20060080702A1</a>	Systems and methods for delivering content over a network	Similar
<a href="#">US20050054431A1</a>	Method and apparatus for providing instructions to gaming devices	Similar
<a href="#">US7343487B2</a>	Datacast distribution system	Similar
<a href="#">US9108107B2</a>	Hosting and broadcasting virtual events using streaming interactive video	Similar
<a href="#">US8832772B2</a>	System for combining recorded application state with application streaming interactive video output	Similar
<a href="#">US5408417A</a>	Automated ticket sales and dispensing system	Similar
<a href="#">US20070073609A1</a>	Method for computerized wagering	Similar
<a href="#">US8583535B2</a>	Operation of auctions over computer networks	Similar
<a href="#">US20040107158A1</a>	Real time network exchange with seller specified exchange parameters and interactive seller participation	Similar
<a href="#">US8771058B2</a>	Zone dependent payout percentage	Similar
<a href="#">US8613020B2</a>	Program guide system with flip and browse advertisements	Similar
<a href="#">US6163316A</a>	Electronic programming system and method	Similar
<a href="#">US9065984B2</a>	System and methods for enhancing the experience of spectators attending a live sporting event	Similar
<a href="#">US8290809B1</a>	Determining a community rating for a user using feedback ratings of related users in an electronic environment	Similar
<a href="#">US7428505B1</a>	Method and system for harvesting feedback and comments regarding multiple items from users of a networkbased transaction	Similar
<a href="#">US10042987B2</a>	Statutory license restricted digital media playback on portable devices	Similar
<a href="#">US9369741B2</a>	Interactive television systems with digital video recording and adjustable reminders	Similar
<a href="#">US5109414A</a>	Signal processing apparatus and methods	Similar
<a href="#">US5761662A</a>	Personalized information retrieval using userdefined profile	Similar
<a href="#">US9736524B2</a>	Methods of and systems for content search based on environment sampling	Similar
<a href="#">US8892495B2</a>	Adaptive pattern recognition based controller apparatus and method and humaninterface therefore	Similar
<a href="#">US9535563B2</a>	Internet appliance system and method	Similar
<a href="#">US20030154128A1</a>	Communicating and displaying an advertisement using a personal video recorder	Similar
<a href="#">US20080318655A1</a>	Method and apparatus for players of wagering games to find friends in a gaming environment	Similar
<a href="#">US9113122B2</a>	Method and apparatus for timeshifting video and text in a textenhanced television program	Similar
<a href="#">US5083271A</a>	Tournament data system with game score communication between remote player terminal and central computer	Similar
<a href="#">US4704725A</a>	Signal processing apparatus and methods	Similar
<a href="#">US20030224852A1</a>	Method and apparatus for linked play gaming with combined outcomes and shared indicia	Similar
<a href="#">US8147322B2</a>	Multiplayer gaming device and methods	Similar
<a href="#">US4072930A</a>	Monitoring system for use with amusement game devices	Similar
<a href="#">US4335809A</a>	Entertainment machines	Similar
<a href="#">US4922420A</a>	Video game software selection data processing system	Similar
<a href="#">US9232254B2</a>	Clientserver based interactive television guide with server recording	Similar
<a href="#">US20050076362A1</a>	System and method for presenting fantasy sports content with broadcast content	Similar
<a href="#">US20050239549A1</a>	Multimedia enhancement system for fantasy leagues	Similar
<a href="#">US20020034980A1</a>	Interactive game via set top boxes	Similar
<a href="#">US4700296A</a>	Electronic access control system	Similar
<a href="#">US8549574B2</a>	Method of combining linear content and interactive content compressed together as streaming interactive video	Similar
<a href="#">US5946646A</a>	Interactive advertising system and device	Similar
<a href="#">US7703673B2</a>	Web based conversion of nonnegotiable credits associated with an entity to entity independent negotiable funds	Similar
<a href="#">US8162209B2</a>	Storefront purchases utilizing nonnegotiable credits earned from a game of chance	Similar
<a href="#">US7785187B2</a>	Method for displaying an interactive game having a predetermined outcome	Similar

## Top 1000 Patents based on similarity

<u>Patent Number</u>	<u>Title</u>	<u>Similarity</u>
<a href="#">US9659451B2</a>	Linked progressive jackpot system	Similar
<a href="#">US8543487B2</a>	System and method for wageringbased transferable financial instruments	Similar
<a href="#">US3645531A</a>	Randomly operated picture projecting chance apparatus	Similar
<a href="#">US9117342B2</a>	Networked gaming system communication protocols and methods	Similar
<a href="#">US8764547B2</a>	Method of gaming, a gaming system, and a game controller	Similar
<a href="#">US8992326B2</a>	Networked gaming system communication protocols and methods	Similar
<a href="#">US5917725A</a>	Tournament data system	Similar
<a href="#">US20060166730A1</a>	Slot machine game and system with improved jackpot feature	Similar
<a href="#">US20060223614A1</a>	Slot machine game and system with improved jackpot feature	Similar
<a href="#">US8663000B2</a>	Slot machine game and system with improved jackpot feature	Similar
<a href="#">US9412241B2</a>	Slot machine game and system with improved jackpot feature	Similar
<a href="#">US20060003830A1</a>	Gaming device methods and apparatus employing audiovideo programming outcome presentation	Similar
<a href="#">US20060148558A1</a>	Slot machine game and system with improved jackpot feature	Similar
<a href="#">US20090163266A1</a>	System and method for slot machine game associated with market line wagers	Similar
<a href="#">US20100099490A1</a>	Linked progressive jackpot system	Similar
<a href="#">US8348748B2</a>	Betting on games using a betting exchange system	Similar
<a href="#">US20130296023A1</a>	Gaming system and method for offering simultaneous play of multiple games	Similar
<a href="#">US20030171140A1</a>	Methods and systems for electronic virtual races	Similar
<a href="#">US8449361B2</a>	Systems and methods for scoring competitive strategy predictions of users on a playbyplay basis	Similar
<a href="#">US20040235559A1</a>	Central determination gaming system which provides a player a choice in outcomes	Similar
<a href="#">US20050176499A1</a>	Parimutual progressive pool controller	Similar
<a href="#">US20050245305A1</a>	System and method for parimutuel gaming based on sporting event results	Similar
<a href="#">US20070265043A1</a>	Teambased networked video gaming and automatic event management	Similar
<a href="#">US9289687B2</a>	Comprehensive single page view of users gaming achievements	Similar
<a href="#">US8591341B2</a>	User to user game referrals	Similar
<a href="#">US8357045B2</a>	Interactive asynchronous computer game infrastructure	Similar
<a href="#">US8696469B2</a>	Interactive asynchronous computer game infrastructure	Similar
<a href="#">US8366551B2</a>	Single player fantasy sports game	Similar
<a href="#">US9203685B1</a>	Qualified video delivery methods	Similar
<a href="#">US5722890A</a>	Lottery system	Similar
<a href="#">US20040005926A1</a>	Interactive game	Similar
<a href="#">US6929550B2</a>	Network game method and network game system	Similar
<a href="#">US20160057498A1</a>	Corporate and entertainment management interactive system using a computer network	Similar
<a href="#">US8812549B2</a>	Corporate and entertainment management interactive system using a computer network	Similar
<a href="#">US8239408B2</a>	Corporate and entertainment management interactive system using a computer network	Similar
<a href="#">US7209958B2</a>	Apparatus, system and method for wide area networking to control sports lighting	Similar
<a href="#">US20130024244A1</a>	Corporate and entertainment management interactive system using a computer network	Similar
<a href="#">US20100210331A1</a>	Systems and methods for providing advertisements in a fantasy sports contest application	Similar
<a href="#">US7153211B2</a>	Method and system to optimize group achievement employing group members collective intelligence	Similar
<a href="#">US7435171B2</a>	Card management method and apparatus for network card game	Similar
<a href="#">US9358462B2</a>	Systems and methods for roster management in fantasy sports contest applications	Similar
<a href="#">US8684827B2</a>	Exchange of entries corresponding to participants in a sports competition	Similar
<a href="#">US7896740B2</a>	Exchange of entries corresponding to participants in a sports competition	Similar
<a href="#">US9218707B2</a>	System gaming	Similar
<a href="#">US8708816B2</a>	System gaming	Similar
<a href="#">US8662989B2</a>	System gaming	Similar
<a href="#">US20100298055A1</a>	Encoding and distribution of game play through compact message encoding and graphical rendering	Similar
<a href="#">US20110166939A1</a>	Systems and methods for integrating data mining and other marketing techniques with fantasy sports contest applications	Similar
<a href="#">US20100203935A1</a>	Method and system for conducting an online fantasy game	Similar
<a href="#">US20080033581A1</a>	Method and system for providing fitness activity tracking and gaming	Similar
<a href="#">US20080287198A1</a>	System and Method for Conducting a Fantasy Sports Competition	Similar
<a href="#">US20090082101A1</a>	Comprehensive single page view of users gaming achievements	Similar
<a href="#">US20090019485A1</a>	Interactive television program guide system and method with niche hubs	Similar
<a href="#">US20040229700A1</a>	Method and apparatus for gaming machines with a tournament play bonus feature	Similar
<a href="#">US6859671B1</a>	Application programs for motion control devices including access limitations	Similar
<a href="#">WO2005022890A2</a>	System and method for presenting fantasy sports content with broadcast content	Similar
<a href="#">US20050079912A1</a>	Card management method and apparatus for network card game	Similar
<a href="#">US20050239551A1</a>	System and method for providing interactive games	Similar

**Top 1000 Patents based on similarity**

<b>Patent Number</b>	<b>Title</b>	<b>Similarity</b>
<a href="#">US20060100006A1</a>	Strategy gaming format with outcomes determined by external events and auction and marketbased transactions by the playe	Similar
<a href="#">US20060183547A1</a>	Fantasy sports television programming systems and methods	Similar
<a href="#">US20120295698A1</a>	Parimutuel wagering system and method	Similar
<a href="#">US8430755B2</a>	Interactive asynchronous game play architecture	Similar
<a href="#">US20150039107A1</a>	System and method for ranking a group of athletes	Similar
<a href="#">KR100467659B1</a>	The value assessment system of the sport players applied game actual results evaluation tool and its method	Similar
<a href="#">US5683090A</a>	Sports chance game apparatus and method of playing same	Similar
<a href="#">US7985132B2</a>	System and method for facilitating play of a video game via a web site	Similar
<a href="#">US7090577B2</a>	Race game system and method of entry	Similar
<a href="#">US20040056775A1</a>	Means and apparatus for control of remote electronic devices	Similar
<a href="#">US20100192179A1</a>	Interactive television program guide system and method with niche hubs	Similar
<a href="#">US7778635B2</a>	Means and apparatus for control of remote electronic devices	Similar
<a href="#">US9026104B2</a>	Means and apparatus for control of remote electronic devices	Similar
<a href="#">US8621541B2</a>	Enhanced video programming system and method utilizing userprofile information	Similar
<a href="#">US6884163B2</a>	Game method for effecting aging of competing characters independent of game player participation	Similar
<a href="#">US20050138142A1</a>	Apparatus, system, and method for wide area networking through a last mile infrastructure having a different primary purpos	Similar
<a href="#">US7699701B2</a>	Method and system for providing real time sports betting information	Similar
<a href="#">US8764556B2</a>	Method and system for providing real time sports betting information	Similar
<a href="#">US7607975B2</a>	Bet control method for race game	Similar
<a href="#">US9886819B2</a>	Gaming system customer service techniques	Similar
<a href="#">US20070270204A1</a>	Gaming device having varying risk player selections	Similar
<a href="#">US7607978B2</a>	Gaming device having varying risk player selections	Similar
<a href="#">US10186117B2</a>	Simulcast parimutuel gaming machine with casino and lottery styled wagers for continuous play	Similar
<a href="#">US7566000B2</a>	Method and system for providing a flexible product purchase account for members of a healthcare organization	Similar
<a href="#">AU2005216980B2</a>	Method for wagering	Similar
<a href="#">US7778397B2</a>	Dynamic video generation in interactive voice response systems	Similar
<a href="#">US20090131132A1</a>	System and Method for the Processing, Display and Utilization of Wagering Data Concerning Parimutuel Evens	Similar
<a href="#">US7815506B2</a>	Player reward system for activity on a computer system	Similar
<a href="#">US8403740B2</a>	Gaming system and method which enables multiple players to simultaneously play multiple individual games or group games	Similar
<a href="#">US8282468B2</a>	System and method for gaming terminal with account funding	Similar
<a href="#">US20100161798A1</a>	Udp broadcast for user interface in a download and configuration gaming method	Similar
<a href="#">US8819124B2</a>	System and method for oneway delivery of notifications from servertoclients using modified multicasts	Similar
<a href="#">US8382584B2</a>	Networked gaming system with enterprise accounting methods and apparatus	Similar
<a href="#">US9842463B2</a>	Unified wagering data model	Similar
<a href="#">US6024643A</a>	Player profile based proxy play	Similar
<a href="#">US20020016195A1</a>	Game procedure control method, game system, and server	Similar
<a href="#">US6371855B1</a>	Fantasy internet sports game	Similar
<a href="#">US6431985B1</a>	Fairness evaluation system about judgment of referees and management of coaching staffs in a sports game via internet	Similar
<a href="#">US20030225610A1</a>	Method for motivating persons in a business field	Similar
<a href="#">US6681110B1</a>	Means and apparatus for control of remote electrical devices	Similar
<a href="#">US6758754B1</a>	System and method for interactive gameplay scheduled based on reallife events	Similar
<a href="#">US20050197183A1</a>	Methods and apparatus for operating a gaming device	Similar
<a href="#">US20070191086A1</a>	Perpetual lottery system	Similar
<a href="#">US20070207846A1</a>	Game Simulation Based on Current Events	Similar
<a href="#">US20040204233A1</a>	Gaming device having a cash out menu screen and a system and method for enabling a player to retrieve money from a gamin	Similar
<a href="#">US20050096109A1</a>	Interactive wagering system with totalisator selection	Similar
<a href="#">US20090191954A1</a>	Jackpot system	Similar
<a href="#">US20100259005A1</a>	Pokerlike game based on a live sporting event	Similar
<a href="#">US20110177867A1</a>	Computerized gaming system, method and apparatus	Similar
<a href="#">US8092297B2</a>	Gaming system and method for providing a bonus based on number of gaming machines being actively played	Similar
<a href="#">US9390585B2</a>	Gaming system and method for providing team play benefits	Similar
<a href="#">GB2368481A</a>	Method for monitoring a gambling event, displaying both live video and animated images.	Similar
<a href="#">WO2015172671A1</a>	Network platformbased profit distribution system and method for electronic gaming table in gambling in physical casino	Similar
<a href="#">US20050170885A1</a>	Gaming device having a cash out menu screen and a system and method for enabling a player to retrieve money from a gamin	Similar
<a href="#">US20040180722A1</a>	Centralized gaming system with modifiable remote display terminals	Similar
<a href="#">US7244182B2</a>	Two wire exchange system	Similar
<a href="#">US9311772B2</a>	Jackpot interfaces and services on a gaming machine	Similar
<a href="#">US9076295B2</a>	System and method of revealing the outcomes of real world wagers through geolocation reveals	Similar

## Top 1000 Patents based on similarity

<u>Patent Number</u>	<u>Title</u>	<u>Similarity</u>
<a href="#">US9076294B2</a>	System and method of revealing the outcomes of real world wagers through timed reveals and reveal decay	Similar
<a href="#">US9552694B2</a>	System and method of providing wagering opportunities based on gameplay	Similar
<a href="#">US9558623B2</a>	System and method of revealing the outcomes of real world wagers through geolocation reveals	Similar
<a href="#">US9443383B2</a>	System and method of determining a reveal specification in an integrated wagering and interactive media platform	Similar
<a href="#">US9305428B2</a>	System and method of timing wagers in an integrated wagering and interactive media platform	Similar
<a href="#">US8968082B2</a>	System and method of managing user accounts to track outcomes of real world wagers revealed to users	Similar
<a href="#">US9317997B2</a>	System and method of revealing the outcomes of real world wagers through allocated reveal payouts	Similar
<a href="#">US8961300B2</a>	System and method of providing wagering opportunities based on promotional content	Similar
<a href="#">US9997023B2</a>	System and method of managing user accounts to track outcomes of real world wagers revealed to users	Similar
<a href="#">US9406195B2</a>	System and method of securing reveals of outcomes of real world wagers	Similar
<a href="#">US8968104B2</a>	System and method of providing wagering opportunities based on multiplayer interactions	Similar
<a href="#">US10186115B2</a>	System and method of revealing real world wager outcomes based on user interactions with interactive media	Similar
<a href="#">US9728037B2</a>	System and method of revealing the outcomes of real world wagers through reveals and unreveals	Similar
<a href="#">US20140274337A1</a>	System and Method of Providing an Integrated Wagering and Interactive Media Platform	Similar
<a href="#">US20140274270A1</a>	System and method of revealing the outcomes of real world wagers through allocated reveal payouts	Similar
<a href="#">US8986096B2</a>	System and method of revealing the outcomes of real world wagers through strategic reveals	Similar
<a href="#">US6852029B2</a>	Method for retrofitting gaming machines to issue and redeem tickets	Similar
<a href="#">US6575832B1</a>	Method for implementing scheduled return play at gaming machine networks	Similar
<a href="#">US20050054417A1</a>	Gaming machine with scanning capability	Similar
<a href="#">US20060205483A1</a>	Methods and systems for conducting a contest wagering activity	Similar
<a href="#">US20070111780A1</a>	Gaming Machine with Scanning Capability	Similar
<a href="#">US9881042B2</a>	Internet based method and system for ranking individuals using a popularity profile	Similar
<a href="#">US20150141121A1</a>	Electronic gaming system with single action, multipleplay using residual value amounts	Similar
<a href="#">MXPA01009037A</a>	Ibet.	Similar
<a href="#">JP2003223527A</a>	Totalizator terminal, horse racing betting method, and program	Similar
<a href="#">TW556125B</a>	Lottery drawing mechanism	Similar
<a href="#">US20050221887A1</a>	Amazing cash contraption	Similar
<a href="#">US8597101B2</a>	Video content determinative keno game system and method	Similar
<a href="#">US20080176627A1</a>	Methods and apparatus for remote gaming	Similar
<a href="#">US8862496B2</a>	Incentivebased website architecture	Similar
<a href="#">US8527332B2</a>	Incentivebased website architecture	Similar
<a href="#">US20080254894A1</a>	Central determination gaming system with a keno game	Similar
<a href="#">US8622824B2</a>	Method and system for viewing images of a parimutuel gaming activity	Similar
<a href="#">US20100009743A1</a>	Computer graphics processing and system for displaying wagering information for dynamic financial market indicators	Similar
<a href="#">US20070123336A1</a>	Computer graphics processing methods and systems for presentation of graphics objects or text in a wagering environment wi	Similar
<a href="#">US8585490B2</a>	Computer graphics processing methods and systems for presentation of graphic objects	Similar
<a href="#">US7566268B2</a>	Roulette game based on results from a sporting event	Similar
<a href="#">US9293009B2</a>	System and method for mapping results from sporting events to game inputs	Similar
<a href="#">US8529349B2</a>	Networked gaming system communication protocols and methods	Similar
<a href="#">US4689757A</a>	Machine event processing system	Similar
<a href="#">US8460085B2</a>	System and method for providing a roulette game based on financial market indicators	Similar
<a href="#">US8054951B1</a>	Method for order taking using interactive virtual human agents	Similar
<a href="#">US4322612A</a>	Selfservice wagering system	Similar
<a href="#">US8187094B2</a>	Game program	Similar
<a href="#">US20070265092A1</a>	Exchangebased and challengebased networked video game wagering	Similar
<a href="#">US20030195036A1</a>	Gaming device having a cash out menu screen and a system and method for enabling a player to retrieve money from a gamir	Similar
<a href="#">US6048269A</a>	Coinless slot machine system and method	Similar
<a href="#">US9495824B2</a>	Lottery systemelectronic gaming device interface and gambling game	Similar
<a href="#">ZA9707451B</a>	Multiplayer interactive video gaming device	Similar
<a href="#">US6511377B1</a>	Cashless gaming system apparatus and method	Similar
<a href="#">US6168522B1</a>	Method and apparatus for operating a gaming device to dispense a specified amount	Similar
<a href="#">DE19840694A1</a>	Method and arrangement for an online game system	Similar
<a href="#">US7390263B1</a>	Method of implementing cashless play of gaming devices interconnected by a computer network	Similar
<a href="#">US6758757B2</a>	Method and apparatus for maintaining game state	Similar
<a href="#">DE10132700A1</a>	A method for controlling a system of at least two gaming machines	Similar
<a href="#">US20030013512A1</a>	Bonus system and method of awarding a bonus	Similar
<a href="#">US7927212B2</a>	Player tracking communication mechanisms in a gaming machine	Similar
<a href="#">US8210927B2</a>	Player tracking communication mechanisms in a gaming machine	Similar



## Top 1000 Patents based on similarity

<u>Patent Number</u>	<u>Title</u>	<u>Similarity</u>
<a href="#">US6712698B2</a>	Game service interfaces for player tracking touch screen display	Similar
<a href="#">US7128650B2</a>	Gaming machine with promotional item dispenser	Similar
<a href="#">US20030144054A1</a>	Interactive wagering systems and methods with multiple television feeds	Similar
<a href="#">US20070184890A1</a>	Method and apparatus for the playing of different forms of jackpot games based on sports	Similar
<a href="#">US20040147309A1</a>	Electronic fund transfer kiosk for use with wagering gaming machine	Similar
<a href="#">US8333653B2</a>	System, device and method for paperless wagering and payment of winnings	Similar
<a href="#">US20100010669A1</a>	Event execution method and system for robot synchronized with mobile terminal	Similar
<a href="#">US3697698A</a>	Parimutuel offtrack betting system	Similar
<a href="#">US4339798A</a>	Remote gaming system	Similar
<a href="#">US4467424A</a>	Remote gaming system	Similar
<a href="#">US4669730A</a>	Automated sweepstake-type game	Similar
<a href="#">US4760527A</a>	System for interactively playing poker with a plurality of players	Similar
<a href="#">US4799683A</a>	Interactive video game of chance and player controlled subsystem therefor	Similar
<a href="#">US5038022A</a>	Apparatus and method for providing credit for operating a gaming machine	Similar
<a href="#">US5108115A</a>	Interactive game show and method for achieving interactive communication therewith	Similar
<a href="#">US6260019B1</a>	Webbased prediction marketplace	Similar
<a href="#">US20010047291A1</a>	Systems and methods for placing parimutuel wagers on future events	Similar
<a href="#">WO2008129425A2</a>	Openended betting pool	Similar
<a href="#">US3714399A</a>	Race calculator	Similar
<a href="#">US3850134A</a>	Tallying device	Similar
<a href="#">US9437081B2</a>	Gaming system and method for providing a community bonus event	Similar
<a href="#">US9928692B2</a>	Gaming system and method for providing a community bonus event	Similar
<a href="#">US20070079326A1</a>	Display of user selected advertising content in a digital environment	Similar
<a href="#">US9495833B2</a>	Electronic gaming system with single action, multipleplay using residual value amounts	Similar
<a href="#">US20090164287A1</a>	Method and apparatus for optimizing presentation of media content on a wireless device based on user behavior	Similar
<a href="#">US20090091571A1</a>	Increasing the number of advertising impressions in an interactive environment	Similar
<a href="#">US7835937B1</a>	Methods for controlling an advertising campaign	Similar
<a href="#">US8849812B1</a>	Generating content for topics based on user demand	Similar
<a href="#">US6012051A</a>	Consumer profiling system with analytic decision processor	Similar
<a href="#">US20110173054A1</a>	Advertising Insertion, Profiling, Impression, and Feedback	Similar
<a href="#">US9192852B2</a>	Distributing information in a wagering game system	Similar
<a href="#">US8797288B2</a>	Human user interfaces utilizing interruption of the execution of a first recognized gesture with the execution of a recognized s	Similar
<a href="#">US8864586B2</a>	Gaming systems including viral gaming events	Similar
<a href="#">US9117339B2</a>	Network gaming maintenance and repair history	Similar
<a href="#">US9269220B2</a>	Web page constructions with different technology containers	Similar
<a href="#">US20170053487A1</a>	Information processing apparatus, information reading apparatus, gaming machine, and gaming system	Similar
<a href="#">US20040053625A1</a>	Mobile location explorer and methods therefor	Similar
<a href="#">US20040142744A1</a>	Mobile data access	Similar
<a href="#">US20040214622A1</a>	System for realtime game network tracking	Similar
<a href="#">US20050090238A1</a>	Networkbased wireless telephone communication device	Similar
<a href="#">US8878810B2</a>	Touch screen supporting continuous grammar touch gestures	Similar
<a href="#">US8743076B1</a>	Sensor array touchscreen recognizing finger flick gesture from spatial pressure distribution profiles	Similar
<a href="#">EP2017801A3</a>	A method of displaying performance data, a performance manager and a performance management system	Similar
<a href="#">US20100044121A1</a>	Sensors, algorithms and applications for a high dimensional touchpad	Similar
<a href="#">US20100093429A1</a>	Intelligent Player Tracking Card and Wagering Token Tracking Techniques	Similar
<a href="#">US20100228526A1</a>	3d casino gaming floor visualization utilizing realtime and batch data	Similar
<a href="#">US20100255912A1</a>	Gaming system having graphical user interface for configuration of wagering games	Similar
<a href="#">US20110256895A1</a>	Apparatus for facilitating peripheral device selection	Similar
<a href="#">US20120127906A1</a>	Method and system for managing communications between a mobile device and a machine	Similar
<a href="#">US20130123005A1</a>	Online immersive environment and wagering games	Similar
<a href="#">US8717303B2</a>	Sensor array touchscreen recognizing finger flick gesture and other touch gestures	Similar
<a href="#">US9728039B2</a>	Enabling financial transactions for electronic gaming machines	Similar
<a href="#">US10169952B2</a>	Processing creditrelated events in a wagering game system	Similar
<a href="#">US20160035177A1</a>	Method and System for Providing Alternative Usages of Closed Lottery Networks	Similar
<a href="#">US5879006A</a>	Method of playing a three dice game	Similar
<a href="#">US20030096646A1</a>	PariMutuel and equal opportunity gaming on a computer network	Similar
<a href="#">US6776714B2</a>	Progressive roulette	Similar
<a href="#">US20060148548A1</a>	Wagering game with highpayout percentage gaming feature	Similar

## Top 1000 Patents based on similarity

<u>Patent Number</u>	<u>Title</u>	<u>Similarity</u>
<a href="#">US20060166731A1</a>	Linked jackpot controller topology	Similar
<a href="#">US10186110B2</a>	Gaming system with social award management	Similar
<a href="#">US10096209B2</a>	Temporary grant of realtime bonus feature	Similar
<a href="#">US10042479B2</a>	Heterogeneous tactile sensing via multiple sensor types using spatial information processing	Similar
<a href="#">US9875609B2</a>	Portable intermediary trusted device	Similar
<a href="#">US9736227B2</a>	Data capture on a serial device	Similar
<a href="#">US9734663B2</a>	Automated money laundering detection, notification, and reporting techniques implemented at casino gaming networks	Similar
<a href="#">US4357015A</a>	Roulette game	Similar
<a href="#">US7896741B2</a>	Progressive controller	Similar
<a href="#">WO2008101188A3</a>	Zone dependent payout percentage	Similar
<a href="#">US8313382B2</a>	Gaming system having graphical user interface for configuration of wagering games	Similar
<a href="#">US9792761B2</a>	Presenting wagering game content	Similar
<a href="#">US8894489B2</a>	Touch user interface supporting global and contextspecific touch gestures that are responsive to at least one finger angle	Similar
<a href="#">US8542209B2</a>	Advanced touch control of interactive map viewing via finger angle using a high dimensional touchpad (HDTP) touch user inter	Similar
<a href="#">US8187069B2</a>	Online gaming system for simulating a soccer game using an electronic deck of playing cards	Similar
<a href="#">US8249835B2</a>	3D casino gaming floor visualization utilizing realtime and batch data	Similar
<a href="#">US8826114B2</a>	Surfacecurve graphical intersection tools and primitives for data visualization, tabular data, and advanced spreadsheets	Similar
<a href="#">US8826113B2</a>	Surfacesurface graphical intersection tools and primitives for data visualization, tabular data, and advanced spreadsheets	Similar
<a href="#">US6296251B1</a>	Method and apparatus for playing a card game including a variable payoff	Similar
<a href="#">US20100203953A1</a>	Amusement Devices And Games Including Means For Processing Electronic Data Where Ultimate Outcome Of The Game Is De	Similar
<a href="#">US8469785B2</a>	Amusement devices and games including means for processing electronic data where ultimate outcome of the game is dependen	Similar
<a href="#">US9800080B2</a>	Portable wireless charging pad	Similar
<a href="#">US9819230B2</a>	Enhanced receiver for wireless power transmission	Similar
<a href="#">US9825674B1</a>	Enhanced transmitter that selects configurations of antenna elements for performing wireless power transmission and receivir	Similar
<a href="#">US9843213B2</a>	Social power sharing for mobile devices based on pocketforming	Similar
<a href="#">US9847677B1</a>	Wireless charging and powering of healthcare gadgets and sensors	Similar
<a href="#">US20040260640A1</a>	System and method for managing trading order requests	Similar
<a href="#">WO2017093496A1</a>	Method for calculating a position of an object of interest	Similar
<a href="#">US9578927B2</a>	Shoe wearout sensor, bodybar sensing system, unitless activity assessment and associated methods	Similar
<a href="#">US9968158B2</a>	Shoe wearout sensor, bodybar sensing system, unitless activity assessment and associated methods	Similar
<a href="#">US8342959B2</a>	Methods and systems for betting with parimutuel payouts	Similar
<a href="#">US9129341B2</a>	Betting system and method	Similar
<a href="#">US8403214B2</a>	Systems and methods for providing access to wireless gaming devices	Similar
<a href="#">US9154554B2</a>	Calibration techniques for activity sensing devices	Similar
<a href="#">US8644507B2</a>	Game apparatus, system and method for improving ingame communications during a game	Similar
<a href="#">US6204813B1</a>	Local area multiple object tracking system	Similar
<a href="#">US8239146B2</a>	Board sports sensing devices, and associated methods	Similar
<a href="#">US8641511B2</a>	Realtime interactive wagering on event outcomes	Similar
<a href="#">US9643091B2</a>	Personal items network, and associated methods	Similar
<a href="#">US8342924B2</a>	System and method for providing enhanced services to a user of a gaming application	Similar
<a href="#">US9406196B2</a>	Realtime interactive wagering on event outcomes	Similar
<a href="#">US9430901B2</a>	System and method for wireless gaming with location determination	Similar
<a href="#">US8749380B2</a>	Shoe wearout sensor, bodybar sensing system, unitless activity assessment and associated methods	Similar
<a href="#">US9320970B2</a>	System controlled playerrelated bonuses in gaming machines	Similar
<a href="#">US7828646B2</a>	Casino all in one kiosk for cash, tickets, and cards, with card issuing capability	Similar
<a href="#">US20120294338A1</a>	Phasearrayed transceiver	Similar
<a href="#">US8506400B2</a>	System and method for wireless gaming system with alerts	Similar
<a href="#">US8512129B2</a>	Realtime interactive wagering on event outcomes	Similar
<a href="#">US8615456B2</a>	Enhanced system and method for managing financial market information	Similar
<a href="#">US8675452B2</a>	Systems and methods for timing athletic events	Similar
<a href="#">US8970427B2</a>	Phasearrayed device and method for calibrating the phasearrayed device	Similar
<a href="#">US9005016B2</a>	Wagering on event outcomes during the event	Similar
<a href="#">RU2622624C2</a>	Way of events autoconversion for the following acceptance of the bookmakers stakes on the obtained result and a software a	Similar
<a href="#">US5923735A</a>	Selfservice checkout system utilizing portable selfcheckout communications terminal	Similar
<a href="#">US5902983A</a>	Preset amount electronic funds transfer system for gaming machines	Similar
<a href="#">US5628684A</a>	Game system including an instant win game and a second game initialized by a winning instant win game ticket	Similar
<a href="#">US5409092A</a>	Vending system capable of renewing record of a prepaid card	Similar
<a href="#">US5475205A</a>	Document verification system	Similar

## Top 1000 Patents based on similarity

<u>Patent Number</u>	<u>Title</u>	<u>Similarity</u>
<a href="#">US8341021B2</a>	System, program product, and method for debit card and checking account autodraw	Similar
<a href="#">US5580310A</a>	Games machine with mechanical counters as laid down by regulations, and with electronic payment mechanism	Similar
<a href="#">US20100137059A1</a>	Gaming machine metering and accounting system	Similar
<a href="#">US5645485A</a>	Multiply ticket and electronic ticket dispensing mechanism	Similar
<a href="#">US5800269A</a>	Cashless computerized video game system and method	Similar
<a href="#">US9213965B1</a>	Machine, methods, and program product for electronic inventory tracking	Similar
<a href="#">US5954583A</a>	Secure access control system	Similar
<a href="#">US5952640A</a>	Gaming machine system operable with general purpose charge cards	Similar
<a href="#">US5429361A</a>	Gaming machine information, communication and display system	Similar
<a href="#">US4068213A</a>	Checkout system	Similar
<a href="#">US4108361A</a>	Universal mark sense betting terminal system and method	Similar
<a href="#">US4240635A</a>	Slot machine device	Similar
<a href="#">US4283709A</a>	Cash accounting and surveillance system for games	Similar
<a href="#">US4373726A</a>	Automatic gaming system	Similar
<a href="#">US4517558A</a>	Three dimensional video screen display effect	Similar
<a href="#">US4626672A</a>	Document processing apparatus	Similar
<a href="#">US4689742A</a>	Automatic lottery system	Similar
<a href="#">US4889339A</a>	Slot machine	Similar
<a href="#">US4856787A</a>	Concurrent game network	Similar
<a href="#">US4937853A</a>	Lottery agent data communication telephone line interface	Similar
<a href="#">US4926327A</a>	Computerized gaming system	Similar
<a href="#">US5042809A</a>	Computerized gaming device	Similar
<a href="#">US5080364A</a>	Gaming method	Similar
<a href="#">US5096195A</a>	Electronic gaming apparatus	Similar
<a href="#">US5113990A</a>	Bill validation and change system for a slot machine	Similar
<a href="#">US5159549A</a>	Multiple player game data processing system with wager accounting	Similar
<a href="#">US5223698A</a>	Cardactivated pointofsale lottery terminal	Similar
<a href="#">US5348299A</a>	Electronic gaming apparatus	Similar
<a href="#">JP6100465B2</a>	System that can be added a multicurrency function	Similar
<a href="#">US8475265B2</a>	Gaming system, gaming device, and method for providing a multiple player persistent game	Similar
<a href="#">US9311777B2</a>	Systems, methods and devices for configuring wagering game systems and devices	Similar
<a href="#">JP6100457B2</a>	Multicurrency Bill acceptor	Similar
<a href="#">US3124674A</a>	Edwards	Similar
<a href="#">JP2017176660A</a>	Paper sheet processing system	Similar
<a href="#">US9022851B2</a>	Systems and methods for playing games of chance	Similar
<a href="#">US8840457B1</a>	Gaming system and method providing a slot game employing a randomly selected set of reels	Similar
<a href="#">US3487905A</a>	Document verification and banking machine	Similar
<a href="#">US8238538B2</a>	Stateful home phone service	Similar
<a href="#">US20110180606A1</a>	Preprinted noncash currency with integratable machinereadable identification	Similar
<a href="#">US8277324B2</a>	System and method for collecting and using player information	Similar
<a href="#">US20090275400A1</a>	Multiple denomination progressive jackpots	Similar
<a href="#">CA2631383A1</a>	Electronic game scripting and auditing	Similar
<a href="#">US8323083B2</a>	Method of playing a pokertype game	Similar
<a href="#">US8070604B2</a>	System and method for providing wireless gaming as a service application	Similar
<a href="#">US20080004097A1</a>	Gaming device with customizable template for advertising display	Similar
<a href="#">US9514596B2</a>	Method and system for time gaming with skill wagering opportunities	Similar
<a href="#">US7666078B2</a>	Financial transaction printer with promotional printing capabilities	Similar
<a href="#">US9367985B2</a>	System for providing an interface for a gaming device	Similar
<a href="#">AU2008249196B2</a>	An interface for a gaming machine	Similar
<a href="#">GB2386565A</a>	An automated gaming machine	Similar
<a href="#">US7802087B2</a>	Universal method for submitting gaming machine source code software to a game certification laboratory	Similar
<a href="#">US7600251B2</a>	Universal peertopeer game download	Similar
<a href="#">US7182692B2</a>	Gaming machine with scanning capability	Similar
<a href="#">US20040254005A1</a>	Method, apparatus, and computer readable storage medium for improved tracking of casino players	Similar
<a href="#">US6916244B2</a>	Serverless cashless gaming systems and methods	Similar
<a href="#">US7485043B2</a>	Elimination games for gaming machines	Similar
<a href="#">US7988553B2</a>	Method and apparatus for enrolling gaming device players into a playertracking system	Similar
<a href="#">US7341516B2</a>	Method and apparatus for integrated customer tracking and browsing	Similar

## Top 1000 Patents based on similarity

<u>Patent Number</u>	<u>Title</u>	<u>Similarity</u>
<a href="#">US20070248393A1</a>	Method and apparatus for driving a printer	Similar
<a href="#">US20070197294A1</a>	Communications interface for a gaming machine	Similar
<a href="#">US20050054438A1</a>	Universal personal identifier for accessing patron information at a gaming venue	Similar
<a href="#">US7909693B2</a>	Gaming system for tracking player activity during virtual sessions at a gaming machine	Similar
<a href="#">US8092303B2</a>	System and method for convenience gaming	Similar
<a href="#">WO2005089374A2</a>	Method and apparatus for awarding a bonus via a cashless network	Similar
<a href="#">US8025567B2</a>	Method and apparatus for conducting a game of chance	Similar
<a href="#">US8512134B2</a>	Method and apparatus for providing player incentives	Similar
<a href="#">US8727867B2</a>	Method and apparatus for conducting a first and second level game and a game of chance	Similar
<a href="#">US7766739B2</a>	Method and apparatus for conducting a game of chance	Similar
<a href="#">US7815502B2</a>	Method and apparatus for conducting a game of chance	Similar
<a href="#">US8435119B2</a>	Usercontrolled sweepstakes entries	Similar
<a href="#">US7666082B2</a>	Method and apparatus for conducting a game of chance	Similar
<a href="#">US7959502B2</a>	Method of playing a game of chance including a computerbased game	Similar
<a href="#">US20050250569A1</a>	Method and apparatus for conducting a game of chance	Similar
<a href="#">US7666081B2</a>	Gaming system having multiple gaming machines which provide bonus awards	Similar
<a href="#">US7892093B2</a>	Gaming system having multiple gaming machines which provide bonus awards	Similar
<a href="#">US20030216182A1</a>	Configuration technique for a gaming machine	Similar
<a href="#">US6676513B2</a>	Jackpot award feature in a gaming machine	Similar
<a href="#">US20040048657A1</a>	Gaming machine with selectable features	Similar
<a href="#">US20050009600A1</a>	Gaming environment including portable transaction devices	Similar
<a href="#">US6902484B2</a>	Game machine and network system for setting up game environment thereof	Similar
<a href="#">US6896616B2</a>	Cashless gaming system apparatus and method	Similar
<a href="#">US20050096121A1</a>	Gaming device having multiple selectable display interfaces based on players wagers	Similar
<a href="#">US20030166417A1</a>	Display apparatus for a game machine and a game machine	Similar
<a href="#">US20010044337A1</a>	Gaming system including portable game devices	Similar
<a href="#">US8235822B2</a>	Transmitting content in wagering networks	Similar
<a href="#">US8662994B2</a>	Method, apparatus, and program product for distributing random number generation on a gaming network	Similar
<a href="#">US10065110B2</a>	Apparatus and method for managing peripheral device communications	Similar
<a href="#">US6149522A</a>	Method of authenticating game data sets in an electronic casino gaming system	Similar
<a href="#">US6293866B1</a>	System for adapting gaming devices to playing preferences	Similar
<a href="#">US7326116B2</a>	Method and device implementing a player configurable gaming machine	Similar
<a href="#">US20020107075A1</a>	Method and apparatus for creating a multipanel video display unit gaming device	Similar
<a href="#">US9251647B2</a>	Remote configuration of gaming terminals	Similar
<a href="#">AU2013260131B2</a>	Systems and methods for managing money from multiple players	Similar
<a href="#">US20090203417A1</a>	Gaming Device Giving Player Choice Of Game And Playing Method Thereof	Similar
<a href="#">US20090258711A1</a>	Method and System of Displaying Technical Information on a Gaming System	Similar
<a href="#">US20070099697A1</a>	Configuration of gaming machines based on gaming machine location	Similar
<a href="#">US20150038236A1</a>	Intelligent wagering game content distribution	Similar
<a href="#">US20160080521A1</a>	Profile management method	Similar
<a href="#">US9636586B2</a>	Game adjustments through crowdsourcing	Similar
<a href="#">CA161944S</a>	Gaming machine housing	Similar
<a href="#">US4596390A</a>	Control cartridge selection device	Similar
<a href="#">US4611808A</a>	Statistical information gathering	Similar
<a href="#">USD803323S1</a>	Gaming machine with topper monitor	Similar
<a href="#">US5951397A</a>	Gaming machine and method using touch screen	Similar
<a href="#">US6110041A</a>	Method and system for adapting gaming devices to playing preferences	Similar
<a href="#">US6254481B1</a>	Gaming machine with unified image on multiple video displays	Similar
<a href="#">US8651947B2</a>	Gaming system and method providing a multipleplayer bonus redemption game	Similar
<a href="#">US20130303273A1</a>	Systems and methods for managing money from multiple players	Similar
<a href="#">WO2006064238A1</a>	Entertainment system and method of operation thereof	Similar
<a href="#">WO2007127285A2</a>	Method and apparatus for conducting a game of chance	Similar
<a href="#">US8025565B2</a>	System and logic for establishing a wager for a game	Similar
<a href="#">US20150279164A1</a>	Event wagering with group and/or in run options	Similar
<a href="#">US9728043B2</a>	Means for enhancing game play of gaming device	Similar
<a href="#">US9905078B2</a>	Submission of preauthorized taxrelated documents relating to game payouts	Similar
<a href="#">US9633528B2</a>	Method for configuring casino operations	Similar
<a href="#">US20110066542A1</a>	System and method for managing risk associated with product transactions	Similar

**Top 1000 Patents based on similarity**

<b>Patent Number</b>	<b>Title</b>	<b>Similarity</b>
<a href="#">US8882585B2</a>	Methods and apparatus for a competitive bonus game with variable odds	Similar
<a href="#">US8033911B2</a>	Methods and systems for conducting parimutuel wagers	Similar
<a href="#">US9792765B2</a>	Method and apparatus for providing player incentives	Similar
<a href="#">US8708814B2</a>	System and method for playing a game having online and offline elements	Similar
<a href="#">US9959585B2</a>	System and method for checkless cash advance settlement	Similar
<a href="#">US8523063B1</a>	Conversion operations of nonnegotiable credits to funds between an entity and a commerce partner	Similar
<a href="#">US9501907B2</a>	Method and apparatus for generating a virtual win	Similar
<a href="#">WO2010019541A1</a>	Systems and methods for wager management	Similar
<a href="#">US9472064B2</a>	Gaming device having variable speed of play	Similar
<a href="#">US10192392B2</a>	Method for configuring casino operations	Similar
<a href="#">US8956214B2</a>	Outcome determination method for gaming device	Similar
<a href="#">US9865133B2</a>	Outcome determination method for gaming device	Similar
<a href="#">US10186112B2</a>	Method for displaying gaming results	Similar
<a href="#">US9659429B2</a>	Gaming device having advance game information analyzer	Similar
<a href="#">US9390580B2</a>	Integrating wagering games and player communities	Similar
<a href="#">US20100174613A1</a>	Customer Sessions with Ticket Association using Lottery PointofSale Devices	Similar
<a href="#">US5557086A</a>	Game machine system with moneyprocessing station	Similar
<a href="#">US5806045A</a>	Method and system for allocating and redeeming incentive credits between a portable device and a base device	Similar
<a href="#">US20020065566A1</a>	Systems and methods for providing fixedodds and parimutuel wagering	Similar
<a href="#">US20140287819A1</a>	Method, apparatus, and computerreadable media for enabling realtime competition having an entertaining experience based	Similar
<a href="#">US9033798B2</a>	Method, apparatus, and computerreadable media for enabling realtime competition having an entertaining experience based	Similar
<a href="#">US20150228023A1</a>	Method, apparatus, and computerreadable media for enabling realtime competition having an entertaining experience based	Similar
<a href="#">US20090082098A1</a>	Systems and methods for providing access to wireless gaming devices	Similar
<a href="#">US9752922B2</a>	Scale with automatic offline indication and related method	Similar
<a href="#">US20020071557A1</a>	Secured virtual network in a gaming environment	Similar
<a href="#">US20030045350A1</a>	Gaming device having multiple round bonus scheme with residual awards	Similar
<a href="#">US20070293310A1</a>	Fixedoddsparimutuel racing product	Similar
<a href="#">US20080096645A1</a>	System and method for slot system wagering	Similar
<a href="#">US20090270166A1</a>	Personalized Transaction Management and Media Delivery System	Similar
<a href="#">CN102135853A</a>	Information processing method for touch control display device	Similar
<a href="#">US20130157765A1</a>	Component for Reducing Instability in an Interactive and Participatory System	Similar
<a href="#">US20160260191A1</a>	Betting ticket information provision device, betting ticket information provision method, and program for betting ticket inform	Similar
<a href="#">US8784181B2</a>	Gaming system and method for providing a casual wagering game	Similar
<a href="#">US9728038B2</a>	Betting ticket information provision device, betting ticket information provision method, and program for betting ticket inform	Similar
<a href="#">US20060183522A1</a>	System and method for adding a skill aspect to games of chance	Similar
<a href="#">US20070054739A1</a>	System and method for peertopeer wireless gaming	Similar
<a href="#">US20080051171A1</a>	Secondary game	Similar
<a href="#">US20080058049A1</a>	Secondary game	Similar
<a href="#">US20080191418A1</a>	Card picks for progressive prize	Similar
<a href="#">US20080214286A1</a>	Automatic Game Play	Similar
<a href="#">US20080218312A1</a>	Game access device with privileges	Similar
<a href="#">US20090181777A1</a>	Network computer game linked to realtime financial data	Similar
<a href="#">US20050026669A1</a>	System and method of providing an instant bonus for a gaming apparatus	Similar
<a href="#">US20040235550A1</a>	Game device	Similar
<a href="#">US20060084483A1</a>	Apparatus for playing horse racing game	Similar
<a href="#">US20070082740A1</a>	Sports gaming and entertainment network	Similar
<a href="#">US20130012296A1</a>	Amusement devices and chance devices based on financial market indicators	Similar
<a href="#">AU2015205904B2</a>	Apparatus for parimutuel racing game with finish order betting	Similar
<a href="#">US9940777B2</a>	Betting terminal and system	Similar
<a href="#">US8512122B2</a>	Electronic delivery of gaming tickets	Similar
<a href="#">US7980943B2</a>	Multiplayer bingo game with gamewinning award selection	Similar
<a href="#">US9710995B2</a>	Methods and systems for playing Sic Bo jackpot	Similar
<a href="#">US9230405B2</a>	Gaming system, gaming device, and method providing poker game with awards based on odds of winning	Similar
<a href="#">US8788414B2</a>	Transfer account systems, computer program products, and computerimplemented methods to prioritize payments from pres	Similar
<a href="#">WO2009100132A1</a>	Methods and systems for establishing investment accounts associated with presentation instruments	Similar
<a href="#">US8452662B2</a>	System, program product, and associated methods to autodraw for microcredit attached to prepaid card	Similar
<a href="#">US8386375B2</a>	System, method, and program product for foreign currency travel account	Similar
<a href="#">US20130045798A1</a>	Data viewingmodifying via data importexport architecture	Similar

**Top 1000 Patents based on similarity**

<b>Patent Number</b>	<b>Title</b>	<b>Similarity</b>
<a href="#">US8485441B2</a>	System and computer program product to issue a retail prepaid card including a userdesigned external face using a chit and re	Similar
<a href="#">US8296227B2</a>	Computerized extension of credit to existing demand deposit accounts, prepaid cards and lines of credit based on expected ta	Similar
<a href="#">US8972295B2</a>	Dynamic visual statistical data display and method for limited display device	Similar
<a href="#">US9342951B2</a>	Wagering game establishment data importexport architecture	Similar
<a href="#">US9449468B2</a>	Multicard bingo game features	Similar
<a href="#">US8306912B2</a>	Private label promotion card system, program product, and associated computerimplemented methods	Similar
<a href="#">US8535144B2</a>	Systems and methods for fixedodds based gaming activities	Similar
<a href="#">US8430738B2</a>	Multiplayer bingo game with multiple cards per player	Similar
<a href="#">US20160063795A1</a>	Gaming Center Allowing Switching Between Games Based Upon Historical Results	Similar
<a href="#">US10198898B2</a>	Gaming center allowing switching between games based upon historical results	Similar
<a href="#">US9466178B2</a>	Multiplayer bingo game with progressive jackpots	Similar
<a href="#">US8287354B2</a>	Draw bingo	Similar
<a href="#">US8192279B2</a>	Multiplayer bingo game with optional progressive jackpot wager	Similar
<a href="#">US8197326B2</a>	Multiplayer bingo game with multiple alternate outcome displays	Similar
<a href="#">US20080113758A1</a>	Gaming Machine Feature	Similar
<a href="#">EP3233224A4</a>	System for managing direct challenges between users and player substitutions in fantasy sports and other games	Similar
<a href="#">WO2016125090A3</a>	Systems and methods for wagering bets	Similar
<a href="#">US8920238B2</a>	Gaming center allowing switching between games based upon historical results	Similar
<a href="#">US8956210B2</a>	Methods and systems for playing baccarat jackpot	Similar
<a href="#">WO2013043369A1</a>	Gaming system, gaming device, and method providing multiple simultaneously playable wagering games with individual credit	Similar
<a href="#">US20050086143A1</a>	Methods of parimutuel wagering based upon fixed odds andor share purchase	Similar
<a href="#">US20070218974A1</a>	Method for configuring celebration activity	Similar
<a href="#">US20080125203A1</a>	Game System	Similar
<a href="#">US7946915B2</a>	Multiplayer bingo game with realtime gamewinning pattern determination	Similar
<a href="#">US7959507B2</a>	Multiplayer bingo game and methods for determining gamewinning awards	Similar
<a href="#">US8214286B1</a>	Computerized extension of credit to existing demand deposit accounts, prepaid cards and lines of credit based on expected ta	Similar
<a href="#">US20100197410A1</a>	System and method for providing enhanced services to a user of a gaming application	Similar
<a href="#">US20070257101A1</a>	Systems and methods for providing access to wireless gaming devices	Similar
<a href="#">US20080311994A1</a>	System and method for wireless gaming with location determination	Similar
<a href="#">US20080139306A1</a>	Method and apparatus for advertising on a mobile gaming device	Similar
<a href="#">US20080262883A1</a>	Systems and methods for compliance and announcement display and notification	Similar
<a href="#">US20080113786A1</a>	Biometric access data encryption	Similar
<a href="#">US20080015013A1</a>	Game access device with time varying signal	Similar
<a href="#">US20050131765A1</a>	Computer software product and method for sharing images and ordering image goods or services	Similar
<a href="#">US9251511B2</a>	Transfer account systems, computer program products, and associated computerimplemented methods	Similar
<a href="#">US9251662B2</a>	Method and system for varying takeout on parimutuel wagers	Similar
<a href="#">US20060038342A1</a>	Method for wagering on multiple sporting events	Similar
<a href="#">US20070066402A1</a>	System and Method for Convenience Gaming	Similar
<a href="#">US20110099504A1</a>	Scale with automatic offline indication and related method	Similar
<a href="#">US8506387B2</a>	Multiple monetary type gaming machine with cash conversion functionality	Similar
<a href="#">US20090075729A1</a>	Systems and methods for providing access to wireless gaming devices	Similar
<a href="#">US20110034228A1</a>	Secondary game	Similar
<a href="#">US10198769B2</a>	Method, apparatus, and computerreadable media for enabling realtime competition having an entertaining experience based	Similar
<a href="#">US20140309014A1</a>	Method, apparatus, and computerreadable media for enabling realtime competition having an entertaining experience based	Similar
<a href="#">US9355102B2</a>	Personalized transaction management and media delivery system	Similar
<a href="#">US20020177483A1</a>	Method and apparatus by which a player can win wagers on other games or events	Similar
<a href="#">US7905772B2</a>	Gaming device having multiple round bonus scheme with residual awards	Similar
<a href="#">US9028318B2</a>	Gaming system and method for providing a game which populates symbols along a path	Similar
<a href="#">US5652998A</a>	Child safety door stop mechanism	Similar
<a href="#">US20130122995A1</a>	Integrating wagering games and player communities	Similar
<a href="#">US20070234224A1</a>	Method for developing and implementing efficient workflow oriented user interfaces and controls	Similar
<a href="#">US6485366B1</a>	Electronic gaming method and apparatus using simulated number card deck	Similar
<a href="#">US20030119579A1</a>	Gaming device and method of operation thereof	Similar
<a href="#">US20040194150A1</a>	Linked information system	Similar
<a href="#">US9916722B2</a>	Gaming device having advance game information analyzer	Similar
<a href="#">US9911288B2</a>	Gaming device having multiple game play option	Similar
<a href="#">US9619973B2</a>	Outcome determination method for gaming device	Similar
<a href="#">US9466183B2</a>	Gaming system, gaming device and method for providing a multiple player persistent game	Similar

## Top 1000 Patents based on similarity

<u>Patent Number</u>	<u>Title</u>	<u>Similarity</u>
<a href="#">US8905832B2</a>	Event wagering with group and/or in run options	Similar
<a href="#">TWI614053B</a>	Systems and methods for managing money from multiple players	Similar
<a href="#">US20140274339A1</a>	System and Method of Selecting Parameters for Real World Wagers Placed on Behalf of Users in an Integrated Wagering and I	Similar
<a href="#">US9947175B2</a>	Generating a score related to play on gaming devices	Similar
<a href="#">US8585503B2</a>	System and method for collecting and using player information	Similar
<a href="#">US8366550B2</a>	System and method for collecting and using player information	Similar
<a href="#">US8246466B2</a>	System and method for collecting and using player information	Similar
<a href="#">US10032341B2</a>	Method and apparatus for generating a virtual win	Similar
<a href="#">US20150024814A1</a>	Interactive sportsthemed game	Similar
<a href="#">US8182346B2</a>	System and method for collecting and using player information	Similar
<a href="#">US9224143B2</a>	System and method for checkless cash advance settlement	Similar
<a href="#">US8025216B2</a>	System and method for checkless cash advance settlement	Similar
<a href="#">WO2006055035A1</a>	Casino games based on financial market activity	Similar
<a href="#">US8393949B2</a>	Method and apparatus for conducting a game of chance	Similar
<a href="#">US8968070B2</a>	Method and apparatus for conducting a game of chance	Similar
<a href="#">AU2004290395B2</a>	Method and system for conducting parimutuel wagers	Similar
<a href="#">US8696463B2</a>	System and method for integrated player tracking and cashaccess	Similar
<a href="#">US20140141850A1</a>	Selectn racing bets	Similar
<a href="#">US9875613B2</a>	Methods and system for providing outcomes	Similar
<a href="#">US20060217191A1</a>	Method and apparatus for providing insurance policies for gambling losses	Similar
<a href="#">US20070156465A1</a>	Method and apparatus for providing insurance policies for gambling losses	Similar
<a href="#">US9165435B2</a>	Gaming device having advance game information analyzer	Similar
<a href="#">US20160027247A1</a>	Gaming system having awards provided based on rate of play	Similar
<a href="#">US9384632B2</a>	Methods and system for providing outcomes	Similar
<a href="#">US9600961B2</a>	Playerbased compensation	Similar
<a href="#">US7980942B2</a>	System and method for playing a roleplaying game	Similar
<a href="#">US20080146323A1</a>	Method and apparatus for providing player incentives	Similar
<a href="#">US20090065573A1</a>	System and method for checkless cash advance settlement	Similar
<a href="#">US8602866B2</a>	Method and apparatus for generating a virtual win	Similar
<a href="#">US8100760B2</a>	Methods and apparatus for a competitive bonus game with variable odds	Similar
<a href="#">US8118666B2</a>	Gaming system, gaming devices, and method for providing an enhanced multipleplayer bonus redemption game	Similar
<a href="#">US8147325B2</a>	Systems and methods for playing games of chance or skill using an alternate method of entry	Similar
<a href="#">US20130157750A1</a>	System and method for spread betting on a participant in a group of events	Similar
<a href="#">US6154139A</a>	Method and system for locating subjects within a tracking environment	Similar
<a href="#">US5249800A</a>	Progressive gaming control and communication system	Similar
<a href="#">US5413357A</a>	Program controlled entertainment and game apparatus	Similar
<a href="#">US5704835A</a>	Electronic second spin slot machine	Similar
<a href="#">US5785595A</a>	Method for the determination of stop positions of rotating reel bodies of a game display device of a gambling machine	Similar
<a href="#">US5802544A</a>	Addressing multiple removable memory modules by remapping slot addresses	Similar
<a href="#">US5114157A</a>	Game machine having plural display panel units and plural memory cartridges	Similar
<a href="#">US8905838B2</a>	Detecting game playstyle convergence and changing games	Similar
<a href="#">US9744440B1</a>	Generating game configurations	Similar
<a href="#">US8814650B2</a>	Executing multiple applications and their variations in computing environments	Similar
<a href="#">US10192389B2</a>	Methods, apparatus and systems for determining an adjustment value of a gaming device	Similar
<a href="#">US20060068888A1</a>	Gaming machine and game system	Similar
<a href="#">US6368216B1</a>	Gaming machine having secondary display for providing video content	Similar
<a href="#">CN103764236A</a>	Connected multi functional system and method of use	Similar
<a href="#">US6638169B2</a>	Gaming machines with directed sound	Similar
<a href="#">US6908390B2</a>	Apparatus and method for a gaming tournament network	Similar
<a href="#">US6604999B2</a>	Gaming machine with uneven paylines	Similar
<a href="#">US6350199B1</a>	Interactive gaming machine and method with customized game screen presentation	Similar
<a href="#">US6634942B2</a>	System and method for automated play of multiple gaming devices	Similar
<a href="#">US20030064771A1</a>	Reconfigurable gaming machine	Similar
<a href="#">US20030130039A1</a>	Method and apparatus for machine location	Similar
<a href="#">US20050239545A1</a>	Programmatic control of gaming devices	Similar
<a href="#">US6315664B1</a>	Gaming device having an indicator selection with probabilitybased outcome	Similar
<a href="#">US20040224753A1</a>	Method and device implementing a player configurable gaming machine	Similar
<a href="#">US20040002379A1</a>	Scan based configuration control in a gaming environment	Similar

## Top 1000 Patents based on similarity

<u>Patent Number</u>	<u>Title</u>	<u>Similarity</u>
<a href="#">US7461780B2</a>	System and method for checkless cash advance settlement	Similar
<a href="#">US20070257430A1</a>	Method and apparatus for conducting a game of chance	Similar
<a href="#">US20060063589A1</a>	Method and system for providing a personal message relating to a personalized item that carries on a surface a personalized o	Similar
<a href="#">US7909692B2</a>	Apparatus for predetermined game outcomes	Similar
<a href="#">US7819747B2</a>	Method and apparatus for conducting a game of chance	Similar
<a href="#">US20060025197A1</a>	Method and apparatus for conducting a game of chance	Similar
<a href="#">US7976374B2</a>	Method and apparatus for conducting a game of chance	Similar
<a href="#">US20060082056A1</a>	Method and apparatus for conducting a game tournament	Similar
<a href="#">US8038529B2</a>	Method and apparatus for conducting a game of chance	Similar
<a href="#">US8047907B2</a>	Method and apparatus for conducting a game of chance using pulltab tickets	Similar
<a href="#">US8425300B2</a>	Method and apparatus of conducting a game of chance including bingo	Similar
<a href="#">US8512133B2</a>	Method and apparatus for providing player incentives	Similar
<a href="#">US7740538B2</a>	Matching bonusing method using a player tracking card	Similar
<a href="#">EP1763385A4</a>	Methods and apparatus for facilitating usage of a supplemental ticket at a gaming device	Similar
<a href="#">AU2005237996A1</a>	System and method for conducting a game	Similar
<a href="#">US20050090304A1</a>	System and method of displaying or obscuring electronic playing cards	Similar
<a href="#">WO2005032676A2</a>	Multifunction cashless gaming atm	Similar
<a href="#">US8123613B2</a>	Method and apparatus for integrated customer tracking and browsing	Similar
<a href="#">US20030199302A1</a>	Lottery kiosk having game enhancement	Similar
<a href="#">US7766744B2</a>	Method and apparatus for providing customizable player bonuses	Similar
<a href="#">AU2003248926B2</a>	Gaming machine printer	Similar
<a href="#">WO2004080550A2</a>	Dynamic configuration of a gaming system	Similar
<a href="#">US20040142750A1</a>	Method and apparatus for use of a network by a casino	Similar
<a href="#">US20030125102A1</a>	Method and apparatus for strategic play of a slot machine	Similar
<a href="#">US20050040006A1</a>	Table game validation and event audit system	Similar
<a href="#">US8266212B2</a>	Game talk service bus	Similar
<a href="#">US6916247B2</a>	Modular entertainment and gaming systems	Similar
<a href="#">US20030216173A1</a>	Gaming machine having separate touch screen for player input	Similar
<a href="#">US7841938B2</a>	Multiplayer regulated gaming with consolidated accounting	Similar
<a href="#">US7717791B2</a>	Method for fault andor disaster tolerant cashless gaming	Similar
<a href="#">AU2006201826B2</a>	Method and system for issuing and using gaming machine receipts in secondary game	Similar
<a href="#">US8221224B2</a>	Method for distributing large payouts with minimal interruption of a gaming session	Similar
<a href="#">US8201734B1</a>	Conversion of nonnegotiable credits associated with an entity into entity independent negotiable funds	Similar
<a href="#">US8267315B1</a>	Exchange of nonnegotiable credits for entity independent funds	Similar
<a href="#">US8784196B2</a>	Remote content management and resource sharing on a gaming machine and method of implementing same	Similar
<a href="#">US8834264B2</a>	Method and apparatus for providing cashout and cashin values to a gaming device	Similar
<a href="#">US7780520B2</a>	Gaming device having multiple different types of progressive awards	Similar
<a href="#">US8070597B2</a>	Gaming device and method having multiple progressive award levels and a secondary game for advancing through the progres	Similar
<a href="#">WO2008039835A2</a>	Systems and methods for portable wagering mediums	Similar
<a href="#">US8645709B2</a>	Biometric access data encryption	Similar
<a href="#">US8641532B2</a>	Gaming device having two card readers	Similar
<a href="#">WO2007095135A2</a>	Persistent state systems, methods and software	Similar
<a href="#">CA2677824A1</a>	Method and system for remote entry in frequent player programs	Similar
<a href="#">US8360858B2</a>	System and method for rewarding game players	Similar
<a href="#">US20070015573A1</a>	Method and system for automated responsible gaming controls	Similar
<a href="#">US8202164B2</a>	Ticket management apparatus, a ticketing device and a data management system for cashless operation	Similar
<a href="#">US8062121B2</a>	Printer interpreter for a gaming machine	Similar
<a href="#">US20090275407A1</a>	Virtualization for gaming devices	Similar
<a href="#">JP5234745B2</a>	Card printing apparatus and card printing storage devices	Similar
<a href="#">US8581721B2</a>	Game access device with privileges	Similar
<a href="#">JP2008299491A</a>	Gaming machine and game system, capble of performing purchase of credit using card	Similar
<a href="#">US8135648B2</a>	Authentication of lottery tickets, game machine credit vouchers, and other items	Similar
<a href="#">US8113936B2</a>	Timebased casino gaming using cumulative paytables	Similar
<a href="#">US8574051B2</a>	Time based casino wagering with optional reinvestment	Similar
<a href="#">US20110003637A1</a>	Gaming system and method providing a plurality of awards and a cumulative award	Similar
<a href="#">AT506840A2</a>	Apparatus and method for generating and system for managing a credit	Similar
<a href="#">US3327292A</a>	Race track betting data handling system	Similar
<a href="#">US9830776B2</a>	Systems and gaming devices for indicating comp eligibility	Similar



## Top 1000 Patents based on similarity

<u>Patent Number</u>	<u>Title</u>	<u>Similarity</u>
<a href="#">US8657674B2</a>	Credit return to player during fault condition on gaming machine	Similar
<a href="#">US8662980B2</a>	Gaming system, gaming device, and method for providing a multiple player persistent game	Similar
<a href="#">US8905831B2</a>	Gaming system, gaming device, and method for providing a multiple player persistent game	Similar
<a href="#">US5342047A</a>	Touch screen video gaming machine	Similar
<a href="#">US8286863B1</a>	System and computer program product to issue a retail prepaid card including a userdesigned external face using a chit and re	Similar
<a href="#">US5321241A</a>	System and method for tracking casino promotional funds and apparatus for use therewith	Similar
<a href="#">US5317135A</a>	Method and apparatus for validating instantwin lottery tickets	Similar
<a href="#">US5119295A</a>	Centralized lottery system for remote monitoring or operations and status data from lottery terminals including detection of n	Similar
<a href="#">US5039848A</a>	Method and machine for dispensing coupons	Similar
<a href="#">US4963722A</a>	Method of storing a consumed amount in a card memory	Similar
<a href="#">US4782468A</a>	Line power failure scheme for a gaming device	Similar
<a href="#">US4809837A</a>	Control device for a vending machine and gift certificate for use thereon	Similar
<a href="#">US4832341A</a>	High security instant lottery using bar codes	Similar
<a href="#">US4875164A</a>	Processing system for a gambling game	Similar
<a href="#">US4648600A</a>	Video slot machine	Similar
<a href="#">US4650977A</a>	Automatic self service machine system and method	Similar
<a href="#">US4669596A</a>	Vending machine accessory permitting dual mode machine operation with either money or coded cards	Similar
<a href="#">US4275456A</a>	Betting tickets selling and collecting system	Similar
<a href="#">US4323770A</a>	Unit particularly for taking stakes and possibly determining the winners in a game such as a national lotto game	Similar
<a href="#">US4527798A</a>	Random number generating techniques and gaming equipment employing such techniques	Similar
<a href="#">US4124109A</a>	Dispensing apparatus and method	Similar
<a href="#">US3786234A</a>	Game control and data handling system	Similar
<a href="#">US3778595A</a>	Automatic teller system	Similar
<a href="#">US3906447A</a>	Security system for lock and key protected secured areas	Similar
<a href="#">US3958103A</a>	Automatic ticket vending system	Similar
<a href="#">US4032946A</a>	Apparatus for selling betting tickets	Similar
<a href="#">US5749784A</a>	Electronic gaming apparatus and method	Similar
<a href="#">JP5184724B2</a>	Selfaligned manufacturing method of silicon carbide power devices by ion implantation and lateral diffusion	Similar
<a href="#">US8538879B2</a>	System, program product, and computerimplemented method for loading a loan on an existing prepaid card	Similar
<a href="#">US7931304B2</a>	Coindiscriminator voucher anticounterfeiting method and apparatus	Similar
<a href="#">US5752882A</a>	Method and apparatus for operating networked gaming devices	Similar
<a href="#">US5741183A</a>	Method and apparatus for operating networked gaming devices	Similar
<a href="#">US5536008A</a>	Electronic gaming apparatus and method	Similar
<a href="#">US5491326A</a>	Card metering system	Similar
<a href="#">US5470079A</a>	Game machine accounting and monitoring system	Similar
<a href="#">US5412189A</a>	Touch screen apparatus with tactile information	Similar
<a href="#">US5735432A</a>	System for and method of dispensing lottery tickets	Similar
<a href="#">US5919091A</a>	Combined cashlesscash gaming machine	Similar
<a href="#">US5770553A</a>	Use of polyaspartic acid in detergents and cleaners	Similar
<a href="#">EP3264773A1</a>	An apparatus, system, and method for automated realtime live video streaming for equestrian sports	Similar
<a href="#">US5672106A</a>	Combined totalizer and fixed odds betting system and method	Similar
<a href="#">US8342966B2</a>	Wager market creation and management	Similar
<a href="#">US8060229B2</a>	Portable media device with workout support	Similar
<a href="#">US7813715B2</a>	Automated pairing of wireless accessories with host devices	Similar
<a href="#">US7913297B2</a>	Pairing of wireless devices using a wired medium	Similar
<a href="#">US9142098B2</a>	Managing cashless wagering game systems	Similar
<a href="#">US9153097B2</a>	Gaming reward and promotion system and gaming machines utilizing cash tickets having a feature trigger	Similar
<a href="#">US10078941B2</a>	Gaming system and gaming machines utilizing tickets having a feature trigger	Similar
<a href="#">WO2006091977A3</a>	Parimutuel wagering system	Similar
<a href="#">US20100081496A1</a>	Game system based on selection of final two contestants	Similar
<a href="#">US7991565B2</a>	System and method for nonwirelessly determining freefall of a moving sportsman	Similar
<a href="#">US9805549B2</a>	Realtime interactive wagering on event outcomes	Similar
<a href="#">US20060116200A1</a>	Method for establishing a wager for a game	Similar
<a href="#">US10080971B2</a>	Personal items network, and associated methods	Similar
<a href="#">US6504483B1</a>	System and method for using impulse radio technology to track and monitor animals	Similar
<a href="#">US8899477B2</a>	Device detection	Similar
<a href="#">US20080102956A1</a>	System and method for wireless gaming with location determination	Similar
<a href="#">US8162756B2</a>	Time and location based gaming	Similar

## Top 1000 Patents based on similarity

<u>Patent Number</u>	<u>Title</u>	<u>Similarity</u>
<a href="#">US8821269B2</a>	Wager market creation and management	Similar
<a href="#">US20080058048A1</a>	Secondary game	Similar
<a href="#">US7316619B2</a>	Control and configuration of gaming machines based on gaming machine location	Similar
<a href="#">US9847669B2</a>	Laptop computer as a transmitter for wireless charging	Similar
<a href="#">US9824815B2</a>	Wireless charging and powering of healthcare gadgets and sensors	Similar
<a href="#">US9812890B1</a>	Portable wireless charging pad	Similar
<a href="#">US9793758B2</a>	Enhanced transmitter using frequency control for wireless power transmission	Similar
<a href="#">US20150141108A1</a>	Alphanumeric lottery game system and method	Similar
<a href="#">US7206762B2</a>	Betting system and method	Similar
<a href="#">US20030060286A1</a>	Method and apparatus for remote gaming	Similar
<a href="#">US9853485B2</a>	Antenna for wireless charging systems	Similar
<a href="#">WO2011131827A1</a>	Apparatus for facilitating peripheral device selection	Similar
<a href="#">US9626826B2</a>	Locationbased realtime casino data	Similar
<a href="#">US8639037B2</a>	Highperformance closedform singlesscan calculation of oblongshape rotation angles from image data of arbitrary size and local	Similar
<a href="#">US8892469B2</a>	Gaming device security mechanism	Similar
<a href="#">US8758102B2</a>	Generating casino floor maps	Similar
<a href="#">AU2008216057B2</a>	Zone dependent payout percentage	Similar
<a href="#">US20110159948A1</a>	Presenting and controlling wagering game marketing information	Similar
<a href="#">US9116543B2</a>	Virtual input system	Similar
<a href="#">US5540442A</a>	Roulette game apparatus and method with additional betting opportunity	Similar
<a href="#">US9908045B2</a>	Mobile device interface for online games	Similar
<a href="#">US20090023495A1</a>	System and method for paramutual wagering applied to fantasy sports	Similar
<a href="#">WO2011088547A1</a>	Casinostyle game incorporating multiple wagering options at multiple intervals during the game	Similar
<a href="#">US9619959B2</a>	Wagering game presentation with multiple technology containers in a web browser	Similar
<a href="#">US9442652B2</a>	General user interface gesture lexicon and grammar frameworks for multitouch, high dimensional touch pad (HDTP), freespace	Similar
<a href="#">US20040111358A1</a>	Enhanced parimutuel wagering	Similar
<a href="#">US6467770B1</a>	Roulette game	Similar
<a href="#">US6497409B2</a>	Method for roulettetype games	Similar
<a href="#">US20120122584A1</a>	Multifunctional peripheral device	Similar
<a href="#">US20100042536A1</a>	System and method of transferring funds	Similar
<a href="#">US9779397B2</a>	Transactional system and method for a table game	Similar
<a href="#">US8708809B2</a>	Systems and methods for administration of nonwagering account associated with gaming environment	Similar
<a href="#">US9539501B2</a>	System for implementing internetbased games with a core platform, game modules, and protected game outcome generator	Similar
<a href="#">US8754862B2</a>	Sequential classification recognition of gesture primitives and windowbased parameter smoothing for high dimensional touch	Similar
<a href="#">US8187065B1</a>	Video card gaming system for simulating a football game	Similar
<a href="#">US8187896B1</a>	Online gaming system for simulating a baseball game	Similar
<a href="#">US20100234104A1</a>	Networked gaming system including a live floor view module	Similar
<a href="#">US20100113161A1</a>	Apparatus, systems and methods for handheld gaming, including interactive maps	Similar
<a href="#">US20100210353A1</a>	Presenting wagering game content	Similar
<a href="#">US20110014971A1</a>	Gaming System Having Operator Configurable Supplemental Features	Similar
<a href="#">US20110055722A1</a>	Data Visualization Environment with DataFlow Processing, Web, Collaboration, Advanced User Interfaces, and Spreadsheet Vi	Similar
<a href="#">US20110059800A1</a>	Presenting and controlling wagering game information	Similar
<a href="#">US20090253498A1</a>	Flat Rate WagerBased Game Play Techniques For Casino Table Game Environments	Similar
<a href="#">US20090254869A1</a>	Multiparameter extraction algorithms for tactile images from user interface tactile sensor arrays	Similar
<a href="#">US20070259717A1</a>	Gesture controlled casino gaming system	Similar
<a href="#">US7008319B2</a>	Multigame machine and method for simultaneous play	Similar
<a href="#">WO2008058279A3</a>	Wagering game account management system	Similar
<a href="#">US20080076506A1</a>	Intelligent casino gaming table and systems thereof	Similar
<a href="#">US20090094091A1</a>	Service call data selection and delivery method and system	Similar
<a href="#">US9304677B2</a>	Touch screen apparatus for recognizing a touch gesture	Similar
<a href="#">US8616984B2</a>	Intelligent player tracking card and wagering token tracking techniques	Similar
<a href="#">US8878807B2</a>	Gesturebased user interface employing video camera	Similar
<a href="#">US20020187834A1</a>	System, method and interface for monitoring player game play in real time	Similar
<a href="#">US20070281689A1</a>	Displaying the location of individuals on an interactive map display on a mobile communication device	Similar
<a href="#">US6850780B1</a>	Compact palmtop computer system and wireless telephone with foldable dualsided display	Similar
<a href="#">US20020152120A1</a>	System and method for casino management	Similar
<a href="#">US9179497B1</a>	Distribution of sensor data among a group of wireless communication devices	Similar
<a href="#">US9595161B2</a>	Social gaming	Similar

**Top 1000 Patents based on similarity**

<b><u>Patent Number</u></b>	<b><u>Title</u></b>	<b><u>Similarity</u></b>
<a href="#">US9280866B2</a>	System and method for analyzing and predicting casino key play indicators	Similar
<a href="#">US9486704B2</a>	Social gaming	Similar
<a href="#">US9605881B2</a>	Hierarchical multiplelevel control of adaptive cooling and energy harvesting arrangements for information technology	Similar
<a href="#">US9626023B2</a>	LEDOLED array approach to integrated display, lenslesscamera, and touchscreen user interface devices and associated process	Similar
<a href="#">US20150120820A1</a>	Data Capture On A Serial Device	Similar
<a href="#">US9052772B2</a>	Heuristics for 3D and 6D touch gesture touch parameter calculations for highdimensional touch parameter (HDTP) user interfa	Similar
<a href="#">US9171093B2</a>	User interface providing summary information or a status pane in a web analytics tool	Similar
<a href="#">US6055569A</a>	Accelerating web access by predicting user action	Similar
<a href="#">US6157946A</a>	Communication system capable of providing user with picture meeting characteristics of user and terminal equipment and inf	Similar
<a href="#">US20020174134A1</a>	Computeruser activity tracking system and method	Similar
<a href="#">US20140244648A1</a>	Geographical data storage assignment based on ontological relevancy	Similar
<a href="#">US20110015975A1</a>	Asynchronous advertising	Similar
<a href="#">US7269628B1</a>	Graph algorithm for common neighborhood analysis	Similar



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Fixed Odds Financial Betting <a href="http://web.archive.org/web/20020329110541/http://betonmarkets.com">http://web.archive.org/web/20020329110541/http://betonmarkets.com</a> 2 pages, May 10, 2005.	12
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Super Cherry Advertisement, written by IGT, published in 2001.	10
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Slot Machines a Pictorial History of the First 100 Years (pp. 216, 242 to 243), 5th edition, written by Marshall Fey, published in	10
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<u>Title</u>	<u>No. of times Referenced</u>
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Golden Dice Advertisement, written by Cadillac Jack, published in 2004.	2
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Big Monte Game Advertisement, published by Bally Gaming in 2003.	2
Big Shot Game Advertisement, published by Aristocrat in 2002.	2
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Bingo Advertisement, written by WMS Gaming, Inc., published prior to 2003.	1
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**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
IGT Inc	703
Bally Gaming Inc	318
CFPH LLC	208
Energous Corp	146
Cantor Index Llc	108
Rovi Guides Inc	98
Sony Interactive Entertainment America LLC	76
ODS Properties Inc	59
Scientific Games Holdings Ltd	51
TV Guide Inc	46
UV Corp	46
Game Play Network Inc	42
Aristocrat Technologies Australia Pty Ltd	41
Jorasch James A	38
Metabank	37
Interactive Games LLC	35
Rovi Technologies Corp	33
Nguyen Gaming LLC	32
NRI Rd Patent Licensing LLC	32
Universal Entertainment Corp	30
Apple Inc	27
Everi Payments Inc	26
United Tote Co	25
Patent Investment and Licensing Co	25
Microsoft Technology Licensing LLC	24
Jbshbm LLC	24
International Business Machines Corp	23
Scientific Games International Inc	23
AUTOMATION MIDDLEWARE SOLUTIONS Inc	19
AIM Management Inc	18
Ods Properties, Inc.	17
Oneida Indian Nation	17
eBay Inc	15
Bally Gaming International Inc	14
Konami Digital Entertainment Co Ltd	14
Everi Games Inc	14
Musco Corp	14
Sega Games Co Ltd	14
Parimax Holdings LLC	13
Verizon Patent and Licensing Inc	13
Weather Risk Solutions LLC	13



**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
Wms Gaming Inc.	13
Interactive Games Ltd	13
Aristocrat Tech Inc	13
IGT Germany Gaming GmbH	12
FANVISION ENTERTAINMENT LLC	12
OpenTV Inc	12
Response Reward Systems LC	12
United Video Properties Inc	11
Iconic Holdings LLC	11
Asip Holdings Inc	11
Diogenes Ltd	10
GameLogic Inc	10
GameAccount Ltd	10
WMS Gaming Inc	10
PayPal Inc	10
Progressive Gaming International Corp	9
VON KOHORN HENRY	9
Takeoutratecom LLC	9
Zynga Inc	9
FRESH IDEA GLOBAL Ltd	9
Inventor Holdings LLC	9
Konami Gaming Inc	9
Cg Technology Development LLC	9
Automated Cashless Systems Inc	9
AGS LLC	9
9609385 Canada Inc	9
Adobe Inc	8
Aruze Corp	8
Longitude Llc	8
JCM American Corp	8
IGT Canada Solutions ULC	8
Gaming Realms PLC	8
Ghosh Sharad A	8
TETRIS ONLINE Inc	8
Nyse Group Inc	8
Oath Inc	8
Qualcomm Inc	7
SHFL Enterteiment Inc	7
Sony Corp	7
TOMAHAWK MERGER LLC	7
Walker Digital LLC	7

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
Fujitsu Ltd	7
Facebook Inc	7
IGT Global Solutions Corp	7
IGT Rhode Island LLC	7
JPL Investments LLC	7
Aruze Gaming America Inc	7
Asher Joseph M	7
Aristocrat Leisure Ind Party Ltd	7
Coinstar Asset Holdings LLC	7
Clutch Gaming Products LLC	7
CONSTITUTIONAL PROPERTY LLC	7
AmTote International Inc	6
ADVANCED TOUCHSCREEN AND GESTURES TECHNOLOGIES LLC	6
Automated Cash Systems LLC	6
James M. Odom	6
Google LLC	6
Horse Sense Corp	6
Herbert Richard A.	6
Walker Digital, Llc	6
TransAct Tech Inc	6
Veveo, Inc.	6
Scotch Twist Inc	6
QUEST NETTECH Corp	6
RaceTech LLC	6
Ocampo Fernando Vicente Ruiz	6
ODS TECHNOLOGIES LP	6
PhatRat Tech LLC	6
Millennial Media LLC	6
Novomatic AG	6
Nokia Technologies Oy	6
MUDALLA TECHNOLOGY Inc CO THOITS LOVE HERSHBERGER MCLEAN	5
PenOne Acquisition Group LLC	5
Rakuten Inc	5
Sony Interactive Entertainment Inc	5
SRG ENTERPRIZES Pty Ltd	5
Warner Bros Entertainment Inc	5
Western Gaming Properties	5
Tab Ltd	5
Stanley P. Dabrowski	5
Gemstar Dev Corp	5
Fontaine Anthony L	5

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
Lottotron Inc	5
Konami Holdings Corp	5
ATT Intellectual Property I LP	5
Clapper, Jr. Ronald C.	5
Don Best Sports Corp	5
Cyberview Tech Inc	4
David Schugar	4
Cork Group Trading Ltd	4
Burton Simon	4
Bandai Namco Entertainment Inc	4
Beneficial Innovations Inc	4
BGC Partners Inc	4
Advanced Sports Media LLC	4
Archipelago Holdings, Inc.	4
American Patents LLC	4
Karmarkar Jayant S.	4
INTERACTIVE SYSTEMS WORLDWIDE Inc	4
FortuNet Inc	4
Frank Cannella	4
FutureLogic Inc	4
Steelseries APS	4
Tribune Broadcasting Co LLC	4
Youbet com LLC	4
Silverbrook Research Pty Ltd	4
POPULAR METRICS Inc	4
Premark FEG LLC	4
Provenance Asset Group LLC	4
Roush Dale	4
RPX Corp	4
Rite Solutions Inc	4
Platis Harry	4
NOKIA US HOLDINGS INC.	4
Nokia Oyj	4
NDS Ltd	4
NCR Corp	3
Nintendo Co Ltd	3
NSM AG	3
Multimedia Games Inc	3
NATIONAL CABLE CLEARING HOUSE Inc	3
Mineral Lassen LLC	3
METABANK DBA META PAYMENT SYSTEMS	3

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
Michael Grant Fraser	3
PepsiCo Inc	3
PariMutual Solutions LLC	3
Omron Corp	3
OPEN SPORTS NETWORK Inc	3
RITESOLUTIONS Inc	3
Resonate Networks Inc	3
Roy G Biv Corp	3
S Aqua Semiconductor LLC	3
PowerPick America LLC	3
Ralf Wilhelms	3
Real Video Gaming Inc	3
Sightline Interactive LLC	3
Sporting Exchange Ltd	3
Skillz Inc	3
Samsung Electronics Co Ltd	3
Walgreen Co	3
Zito LLC	3
Yahoo Inc.	3
Tipping Point Group LLC	3
TAGI VENTURES LLC	3
STEVEN M HOFFBERG 20041 GRAT	3
Teletech Co Ltd	3
Stronach Andrew M	3
Takayuki Arima	3
Gaming Arts LLC	3
GameTap LLC	3
HOFFBERG FAMILY TRUST 1	3
Hotbox Sports LLC	3
Guidewire Software Inc	3
III Holdings 3 LLC	3
Igt	3
Intel Corp	3
Intralot Sa Integrated Lottery Systems And Services	3
Junkin Holdings LLC	3
Mark Benrus	3
AMERICAN TOTALISATOR Co I	3
Altaba Inc	3
Blanding Hovenweep LLC	3
Bleacher League Entertainment Inc	3
Asoid Network Facility LLC	3

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
AUTOMATED CASHLESS SYSTEMS, INC.	3
Casta International LLC	3
CRANBROOK TECHNOLOGY LLC	3
Churchill Downs Technology Initiatives Co	3
Crisp Thinking Group Ltd	3
Delta Rangers Inc	3
Dean Alderucci	3
Dean Gerrard Anthony Maroun	3
Disney Enterprises Inc	3
Dot Holdings LLC	2
EBS Group Ltd	2
CumminsAllison Corp	2
Cyberscan Tech Inc	2
Cyberscan Technology Inc.	2
Digital Biometrics Inc	2
Conversant Wireless Licensing SARL	2
David W. Downes	2
Coinstar LLC	2
Cole Kepro International LLC	2
Catalina Marketing Corp	2
Catherine G. McVey	2
Catherine Grace McVey	2
BVP FUND 1 MARCH 2014 LP	2
Byrne Christopher Russell	2
Case Venture Management LLC	2
Cash Systems Inc	2
Casino Advisory Services Inc	2
Brenner Mark A	2
Barcrest Ltd	2
BUCHHEIT BRIAN K	2
Burt Simon	2
CAESARS ENTERTAINMENT OPERATING COMPANY Inc	2
Automated Currency Instruments Inc	2
Automatik Plastics Machinery GmbH	2
AuthenticSig Inc	2
Avaya Inc	2
ASSOCIATED ELECTRIC LAB Inc	2
ASSOCIATED ELECTRIC LABORATORIES Inc	2
ATL Pty Ltd	2
Armchair Quarterback Inc	2
Atronic International GmbH	2

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
ATT Corp	2
Bet Solutions Pty Ltd	2
Barry Mindes	2
Amtote International, Inc.	2
4DREAM CO Ltd	2
Ainsworth Nominees Pty Ltd	2
Alliance Gaming Corp	2
Andrew Stronach	2
Arachnid Inc	2
Aries Technology LLC	2
Advance Touchscreen And Gesture Technologies LLC	2
ADVANCED INTELLECTUAL PROPERTY GROUP LLC	2
ADVANCED PROGRAM LIMIITED	2
Accenture Global Services Ltd	2
Ace Denken KK	2
* WILLIAM HILL ORGANIZATION Ltd	2
Acres Gaming Inc	2
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MediaTek Inc	2
LOTTERY DYNAMICS LLC	2
Lee Amaitis	2
Lantronix Inc	2
Lawrence Kohls	2
Lyons Martin S	2
Magna Entertainment Corp	2
Magna Entertainment Corporation	2
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Kidron Adam E.	2
Lemino LLC	2
introPLAY LLC	2
Isaac Sayo Daniel	2
Jeffrey Lange	2
Index Systems Inc	2
INITIO	2
INNOVATIVE GAMING CONCEPTS RESEARCH LLC	2
Innovative Timing Systems LLC	2
INTERACTIVE NETWORKS Inc	2
GLOBAL GAMING GROUP Inc	2
Hanwha Aerospace Co Ltd	2
Google Technology Holdings LLC	2

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
Giesecke+devrient Currency Technology America Inc	2
General Electric Co	2
HP Inc	2
Hugues Nkouatchet Wandji	2
Hybrid Learning Systems Inc	2
I G T	2
GOMM R GARY	2
IAC InterActiveCorp	2
IDX Inc	2
Honeywell International Inc	2
HF SCIENTIFFIC Inc	2
Gamelogic, Inc.	2
GAMES ACCOUNT Ltd	2
Gabriel Thomas GOMES	2
Four OClock Fantasy Sports Concepts LLC	2
Fantasy League Crunch LLC	2
FANTASY SPIN GAMES LLC	2
Flagship Entertainment Inc	2
Electronics and Telecommunications Research Institute	2
Empire Technology Development LLC	2
CASINO SYSTEMS Inc	2
Everett Page	2
Verizon Media LLC	2
Video Gaming Technologies Inc	2
VISIBLE MARKET Inc	2
Virtual Media Group Usa LLC	2
VOICETREE Inc	2
Van Duzee Brian	2
Waterleaf Ltd	2
Walker Digital Table Systems LLC	2
Stupak Bob	2
StarSight Telecast Inc	2
Square Enix Co Ltd	2
Steven Gedling	2
Standard Oil Co	2
Tavano Lou	2
SummaLP Applications Inc	2
SWEEPSTAKES PATENT COMPANY LLC	2
Swiss Timing Ltd	2
THE ICONIC HOLDINGS, LLC	2
TELECREDIT Inc	2

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
Thomas Dusenberry	2
TorontoDominion Bank	2
TRACKPLAY LLC	2
XeraFlop Technologies Inc	2
Zotobi Management Ltd	2
Scientific Games Inc	2
Scientific Games Royalty Corp	2
SBS BROADCASTING SA	2
Skoff Roger E	2
Sony Interactive Entertainment LLC	2
ScientificAtlanta LLC	2
SPIRIT MOUNTAIN DEVELOPMENT Corp	2
Small Maynard E.	2
Seebo Interactive Ltd.	2
Sg Gaming Anz Pty Ltd	2
Sierra Design Group	2
Race Tech Llc	2
Racetech L.L.C.	2
QUEST ENTERTAINMENT Inc	2
Project Leisure Ltd	2
Sagentia Ltd	2
Ross George Kouhi	2
Olympian Gaming LLC	2
Rational Intellectual Holdings Ltd	2
Razer (AsiaPacific) Pte Ltd	2
Razor Sports Inc	2
REMOTE BETTING INTERNATIONAL Inc	2
REMOTE DYNAMICS	2
RLT Acquisition Inc	2
Pace Michael	2
Oracle America Inc	2
Okuniewicz Douglas M	2
Min He	2
ODS Properties	2
Object Power Inc	2
Parlmax Holdings LLC	2
PARIMAX HOLDINGS, LLC	2
Paltronics Australasia Pty Ltd	2
Parham Tyler T	2
Paul Kent Graeve	2
Personalized Mass Media Corp	2



**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
Phrazzing Games LLC	2
PokerTek Inc	2
MGM Grand Inc	2
Ludwig Lester F	2
INTERACT SYSTEMS Inc	2
Millenial Media LLC	2
Monument Peak Ventures LLC	2
Ntt Docomo Inc	2
Nokia Corporation	2
Nokia Us Holdings Inc	2
Nippon Conlux Co Ltd	2
Nike Inc	2
Nikora Robert J	1
Ning Zhu	1
Nokia Bell Labs	1
NCR International Inc	1
Nihon Unica Corp	1
Needle Lawrence S	1
Netamin Comm Corp	1
Netamin Communication Corp.	1
NETAMIN COMMUNICATIONS CORP	1
NetZero Inc	1
New BIS Safe Luxco SARL	1
New Millenium Gaming Ltd	1
New Vision Gaming and Dev Inc	1
New York Stock Exchange Inc	1
New Zealand Racing Board	1
Newgin Co Ltd	1
News Datacom Ltd	1
Norimitsu Sambongi	1
Novartis Vaccines and Diagnostics Inc	1
Nokia Inc	1
Nokia of America Corp	1
Nokia Solutions and Networks Oy	1
Nvidia Corp	1
NOVOMATIC AG, AT	1
NOVOMATIC AUTOMATENINDUSTRIE U	1
Novomatic Automatenindustrie und Handelsgesellschaft Mbh Co KG	1
Moody Ernest W	1
Moore James L.	1
MOSLER SAFE Co	1

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
Motorola Solutions Inc	1
MIS International USA	1
Monfort Jean Jacques	1
Miller Mark A	1
Miller Mark E	1
National Wrestling Coaches Association	1
NBCUniversal Media LLC	1
Muskin Jon H.	1
My Horse Player Inc	1
Myost, Eran	1
MyPoints com Inc	1
Mytos, S.r.L.	1
NANOPTIX Inc	1
Midway Amusement Games LLC	1
Milestone Entertainment LLC	1
Lynx System Developers Inc	1
Michael Heib	1
Michael J Mesi	1
Michael Klarman	1
Michael Lubniewski	1
Michael W. Saunders	1
MicroGaming Ventures LLC	1
Microsemi Storage Solutions Inc	1
Microsoft Corporation	1
POKERTEK LLC	1
PhatRat Tech LLP	1
Philip Paul Givant	1
Platis Harry B	1
PLAY BY PLAY SERVICES Corp	1
PLAYERLINE Corp	1
PLAYFIVE LLC	1
Poker Automation, Llc	1
Poker Pot Inc	1
Pinpoint Inc	1
PINTO ALBERT G	1
PitneyBowes Inc	1
Personius James M	1
Peter Eiba	1
Paul M Farmer	1
Paul Reiss	1
PAVLOV MEDIA Inc	1

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
Patent Investments and Licensing Co	1
Paul 4992 Espelkamp De Gauselmann	1
Paul A Crafton	1
Paul Gauselmann	1
Parthapratim Chanda	1
PartyGaming IA Ltd	1
ParkLabs GmbH	1
Ocampo Fernando Vicente R	1
O D S Tech LP	1
OASIS TECHNOLOGIES Inc	1
Odonovan John P.	1
Ollington Robert F	1
Olsen Data Ltd	1
ODS Tech LP	1
Ods Technologies L P	1
Orad Hi Tec Systems Ltd	1
ORAD HITEC SYSTEMS Ltd	1
Oris LLC	1
Ortiz Associates Consulting LLC	1
Osamu Yoshimi	1
Osuma Finland Oy	1
Our Time For Games Inc	1
Owen Kenneth Charles	1
Oy Prikatti Ab	1
Oy Veikkaus Ab	1
Packer Elliot L	1
PALTRONICS AUSTRALASIA	1
Open Sports Network, Inc.	1
Open TV Corp	1
Oneal John Richard	1
Onroo Entertainment LLC	1
Robert A Oswald	1
Robert A. Luciano	1
Robert Frank Ollington	1
Roberts Brian J	1
Robertson Kevin I	1
Robin Bissell	1
Rocket Racing Inc	1
RONALD EIBENSTEINER CO WYNCREST CAPITAL Corp	1
Ronald J. Tassinari	1
Rosenfeld Peter E	1

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
Renald Poisson	1
RENCHOL Inc	1
Resonate Networks	1
Rossides Michael T	1
Rowe Bruce Douglas	1
REUTERS TRANSACTION SERVICES Ltd	1
Richard Finocchio	1
Riches Guy Iain Oliver	1
Rishi Nangia	1
Sal Falciglia SR Falciglia Enterprises	1
Sam Alwan	1
Russell P Sammon	1
Ryutaro Kishishita	1
PROPICK RACING LLC	1
RACETRACE Inc	1
Racetrace Inc.	1
Red Hat Inc	1
Reginald R Reynolds	1
REGIONS BANK	1
Reid Frederick	1
REMBRANDT GAMING TECHNOLOGIES LP	1
Raritan Americas Inc	1
RASPRODZ Pty Ltd	1
Powerpick America, Llc	1
Pre Play Sports, Llc	1
PREENROLL Inc	1
Populex Corp	1
Powerhouse Technologies, Inc.	1
POWERONEDATE Corp	1
PTT LLC	1
Puckeridge Davd Anthony	1
PUNCH ENGINEERING PTY Ltd	1
Pyne Gregory A	1
Prevue Networks Inc	1
Prigioniero Louis A	1
PRIKATTI Oy AB	1
PRIODGY SERVICES COMPANY A NY PARTNERSHIP	1
SIERRA ENTERTAINMENT Inc	1
SHARE THIS Inc	1
Shell Oil Company	1
Sega Corp	1

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
Scott Griswold	1
SECURETIME Inc	1
Smith Nephew Inc	1
SnapTrack Inc	1
SNELL	1
SNK Corp	1
Solution Champion Ltd	1
Sigma Inc	1
Silaev Alexandr Ivanovitch	1
Simon Goldfarb	1
Skillgames Inc	1
SRI International	1
Sports Draft Daily LLC	1
SPORTXITE Ltd	1
Sprint Communications Co LP	1
Speck Dimitri P M	1
Skratulia John	1
Sony Electronics Inc	1
SCA Promotions Inc	1
Scantlin Electronics Inc	1
Scherer Albert	1
SCHIMATIC CASH TRANSACTIONS NETWORKCOM Inc	1
Schlaifer Roger L.	1
Schneider Steven H	1
SCIENT GAMES WORLDWIDE Ltd	1
SCIENT GENERICS Ltd	1
Scientific Games Corp	1
SCIENTIFIC GAMES WORLDWIDE Ltd	1
SCIENTIFIC GAMES OPERATING CORP A DE Corp	1
SAP SE	1
Saunders J Lynn	1
Shima Seiki Manufacturing Ltd	1
Shoemaker Jr Stephen P	1
ShrHau Huang	1
Shuffle Master Gaming	1
Shultz Larry M	1
SICPA Holding SA	1
Sidley Joseph D H	1
Sega of America Inc	1
Sega SA	1
Seiko Epson Corp	1

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
SENGENT Inc	1
Serena Lam	1
SERPENT RIVER POWER CORP	1
Seta Corp	1
Seymour Troy	1
YURI ITKIS	1
Zalewski Gary M	1
Zco Acquisitions Inc	1
Zco LLC	1
Zeile Kim A.	1
ZIH Corp	1
Xerox Corp	1
Yamagishi Junichi	1
Yi Chen	1
Wolf Fred	1
Worldroulette (Pty) Ltd	1
WPT Enterprises Inc	1
WSM Gaming Inc	1
Xantrex Technology USA Inc	1
XCP Inc	1
Trakus Inc	1
Trans Lux Corp	1
Toyota Motor Corp	1
TRUMP MARINA ASSOCIATES LP	1
TSG Developments Investments Inc	1
TULLEY, STEPHEN C.	1
Tumen Steven N	1
Turftrax Group Ltd	1
Thomas M. Virzi	1
Thomson Licensing	1
Thomson Reuters (grc) Inc	1
Thunderbird Greeley Inc	1
TKS Inc	1
Toll Karl D	1
Torango Lawrence J.	1
TELECREDIT Inc 6171 WEST CENTURY BLVD CA 90045 A DE CORP	1
TELECREDIT Inc A CORP OF DELAWARE	1
Telefonaktiebolaget L M Ericsson (Publ)	1
Telefonaktiebolaget LM Ericsson AB	1
STRATEG ECONSULTING Inc	1
Takashi Maejima	1

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
The Sporting Exchange Ltd	1
Th Bergmann GmbH and Co	1
Terence Patrick Grattan Foley	1
Terrell li James Richard	1
Terrence Pocock	1
Sylvester Burford	1
Symbol Technologies LLC	1
Synopsys Inc	1
Synopsys Merger Holdings LLC	1
SUMMIT SYSTEMS Inc INTERSCIENCE SYSTEMS	1
SUN THOUSAND Ltd	1
SUNGOLD ENTERTAINMENT CORP	1
SuperMedia LLC	1
Sutcliffe Peter H.	1
SWEDISH COMPUTER AB	1
TCITVGOS Inc	1
TD Ameritrade IP Co Inc	1
TDC Acquisition Holdings Inc	1
TECBUGS Inc	1
TEKBILT Inc	1
TEKBILT Inc PO BOX 85 ORELAND PA A CORP OF PA	1
TeleCents Communications Inc	1
Telecommunications of Colorado Inc	1
Stanley Dabrowski	1
Stanton Robert P.	1
SteelSeries HQ	1
Stefani Raymond Theodore	1
Stephan Meyers	1
Station Casinos Inc	1
Sum Benny	1
SUMMALP APPLICATION Inc	1
Wang Andy Y	1
Wango World Inc	1
VT Tech Corp	1
Wachovia Bank National Association	1
Wagerworks Inc	1
WEATHER RIST SOLUTIONS LLC	1
Weingardt Gamin	1
Weingardt Gary	1
Weiss Stephen J	1
Weiss Steven A.	1

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<u>Assignee</u>	<u>Number of Patents</u>
Weller Scott	1
Wells Fargo Bank NA	1
Wells Fargo Capital Finance LLC	1
Watts James P	1
Wavelink Communications	1
WEATHER RISK SOLUTIONS Inc	1
Waterleaf Limited	1
WMS GAMING Inc (ASSIGNEE ONLY)	1
Western Money Systems	1
Westinghouse Electric Corp	1
Wilder Wilford B.	1
William E. Denk, JR.	1
William Junkin Trust	1
William W Junkin Trust	1
WILLIAM W JUNKIN TRUST UDT 101493	1
Wilson Gordon	1
Winamax com Ltd	1
Wincor Nixdorf International GmbH	1
Winshuttle LLC	1
WIZARD OF ODDS CONSULTING	1
Vegas Amusement Inc	1
Venture Banking Group (Division of Cupertino Bank)	1
V Colasuono	1
VADA SYSTEMS Inc	1
UPC GAMES Inc	1
Uplaysports com	1
US Secretary of Army	1
TRANSLUX Corp	1
U4IA Games Inc	1
U4iA GAMES INC.	1
Uhland Joseph C	1
Ungaro Mark Curran	1
Volk Larry N	1
VIRTUAL RACING NETWORK Ltd	1
VIS ITV Ltd	1
VISIONARY SPORTS LLC	1
Vivaro Ltd	1
Viziant Corp	1
VK SERVICES LLC	1
VMS Gaming Inc	1
VIDEO TURF Inc	1



**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
Vidiotus LLC	1
Vinod Khosla	1
Virtual Gaming Technologies LLC	1
Versus Tech Inc	1
Versus Technology	1
ENERGETIC POWER INVESTMENT Ltd	1
Eleftheriou Lefteris	1
Elik Szewach	1
Ellis Peter S.	1
ELUV Holdings Ltd	1
FINANCIAL DATA GAMES LLC	1
First Data Corp	1
First Data Corporation	1
FIRSTBORN MULTIMEDIA CORP	1
Exacta Systems LLC	1
Exchangerepubliccom Ltd	1
ExxonMobil Research and Engineering Co	1
EZE CASTLE SOFTWARE LLC	1
Flashtiming LLC	1
FLEXTRADE SYSTEMS Inc	1
Flipem Inc. Bvi	1
Football Exacta LLC	1
Franchi John Franco	1
Franco Fini	1
Four Money Inc	1
Fresh Logic Ltd	1
Friedrich Alexander Univeritaet Erlangen Nuernberg (FAU)	1
FRIENDLY MATRIX INTERNET COMPANY LLC	1
Front Row Tech LLC	1
Fuji Xerox Co Ltd	1
Fujitsu Frontech Ltd	1
GALAXY GAMING Inc	1
Gamblit Gaming LLC	1
GAME ACCOUNT Ltd	1
Game Data Inc	1
Game Design Automation Pty Ltd	1
Game Logic Inc	1
Gameline LLC	1
Game Play Network Inc dba Oddz	1
Futurelogic, Inc.	1
FutureVision of America Corp	1

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
FUTUREVISIONCOM LLC	1
Futuristic Entertainment, Inc.	1
Gabi BenAmi	1
Gabriel Gaidos	1
Frank Salvatore	1
Frank Santora	1
Furukawa Electric Co Ltd	1
Future Logic Inc	1
GAMETEK LLC	1
GAMIN WEINGARDT TRUST	1
Gamin Weingardt Trust a Nevada trust	1
GAMING STUDIO Inc	1
Ganot Zvi	1
Garry Roald Ohlson	1
Gary Ardell	1
Gary Frerking	1
Gemplus	1
Gemplus Card International	1
Gemplus S CA	1
Higgins John B.	1
Highlight Games Ltd	1
HIPICA RIOPLATENSE URUGUAY SA	1
HERMANNS WINFRIED	1
Herrmann Mark E	1
Herz Frederick SM	1
Hewlett Packard Development Co LP	1
Hewlett Packard Enterprise Development LP	1
Horse Place Ltd	1
Gene Goykhman	1
General Electric Capital Corp	1
Hogwood William Edward	1
Holch Niels C	1
HOLTZERCABOT ELECTRIC Co	1
HOME GAMBLING NETWORK Inc	1
Honda Motor Co Ltd	1
Honeywell Inc	1
IGCA INVESTMENTS LLC	1
Ignite Media Solutions LLC	1
Idemia France SAS	1
Idemia Identity and Security France SAS	1
Horse Sense Corporation	1

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
I T E Circuit Breaker Co	1
I2CORPCOM	1
Hrtlp LLC	1
HUDSON BAY MASTER FUND Ltd	1
Hughes Missile Systems Co	1
Genetics Institute LLC	1
Geneva Branch of Reuters Transaction Services Ltd	1
George Del Prado	1
GFINET Inc	1
Gift Certificate Center Inc	1
Girardin Ronald E	1
Glenn Golden	1
Global Billiard Mfg Co Inc	1
GRAMER ABRAM	1
Green Dot Corp	1
Grimm Jr Robert Dean	1
Grippio Donald R.	1
Grubmueller Jr Walter	1
Gtech Austria GmbH	1
Gtech Rhode Island Corporation	1
Harald Berge	1
Hardy Dow K	1
HARRAHS OPERATING Co Inc	1
HARRINGTON TECHNOLOGIES LLC	1
Harris Scott C	1
Harry Brown	1
Harry Dunstan	1
Harvey Tenenbaum	1
HD VEST ADVANCED SYSTEMS LLC	1
Hedges Richard A	1
Hendrik C A Van Duuren	1
Global Media Online Inc	1
Glory Kogyo KK	1
Go Ahead Software Inc	1
GOLDBERG NELSON L	1
Goldman Sachs and Co	1
Guy Mahaffey	1
GWIN Inc	1
Haddad George N.	1
Hall Grantley Thomas Aubrey	1
Halliburton Jr W Ken	1

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
Interactive Sports Holdings In	1
Interactive Sports Holdings, Inc.	1
Interactive Systems Worldwide, Inc.	1
INTERCONTINENTAL SERVICES Inc	1
Intergame	1
Intermec IP Corp	1
INTERNATION GAME TECCHNOLOGY	1
INTERNATION GAME TECHNOLOGY	1
International Game Technology	1
International Lottery and Totalizator Systems Inc	1
International Sports Wagering, Inc.	1
International Verifact Inc	1
Internationale Des Jeux	1
Internet Sports International Ltd	1
INTERNETAD SYSTEMS LLC	1
INTRALOT INTEGRATED LOTTERY SYSTEMS AND SERVICES SA	1
Intralot Integrated Lottery Systems and Services SA	1
Innovatron	1
INNOVATIVE TIMING SYSTEMS	1
Innovation Timing Systems LLC	1
INFOGAME UK Ltd	1
INGENIO FILIALEDE LOTOQUEBEC Inc	1
Independent Tech Inc	1
IGT UK Ltd	1
JEROME J KURLAND	1
JJAMMD LLC	1
Joe Wilcock	1
John A Klayh	1
John Lukasik	1
Johnathan Paul Rooney	1
JPM INTERNAT Ltd	1
Jpm International Ltd	1
JPM Ltd	1
JR JONES JOHN T L	1
Joseph Bischofsberger	1
Joseph Krynicky	1
Joseph Scofield	1
ITT	1
ITT Corp	1
iTV ENTERTAINMENT LLC	1
J Cataland	1

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
Jackpot Digital Inc	1
JaeHwak Kim	1
James	1
James L. Bridgeman	1
Intellectual Ventures Holding 56 LLC	1
Intellocity Usa, Inc.	1
James Morrow	1
JAMWARE ONLINE Pty Ltd	1
IPro, Inc.	1
Lenovo Singapore Pte Ltd	1
Levy David	1
LGC Wireless LLC	1
LINDSAY JANE HAWKEN	1
Liquidnet Holdings Inc	1
Liquidnet Inc	1
LITTLE BAY WEBWORKS Ltd	1
LOCKTON DAVID B	1
Logicool Inc	1
Long Phi Tran	1
Koninklijke Philips NV	1
KRAMOR IND Ltd	1
Krause S R	1
Krause Stephen R	1
Kuhuro Investments AG LLC	1
La Francaise des Jeux	1
Lakes Entertainment Inc	1
Kim Hart	1
KING SHOW GAMES Inc	1
KK Asobous	1
Klayh John	1
Koivisto Eric R	1
Kokuei Kikai Seisakusho KK	1
Konami Computer Entertainment Japan Inc	1
Jay Walker	1
K K ASOBOUS	1
Kabam Inc	1
Keiser Timothy M	1
Kendal Finance B.V.	1
KENILWORTH SYSTEMS NEVADA Corp	1
Malcolm Burwell	1
Mandalay Resort Group	1

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
Mandiro Trading Ltd	1
Manteris Arthur N	1
MARATHON SPECIAL OPPORTUNITY FUND LP	1
Marcelo Eduardo Bassignana	1
Marcin Sawicki	1
Lawrey Peter Kenneth	1
Leavitt Joseph M	1
Laura Fongeallaz	1
Lavanchy Eric R.	1
Lefroy Greg W	1
Leisure Create Co Ltd	1
MediaTek Singapore Pte Ltd	1
MEGABINGO Inc	1
Memjet Technology Ltd	1
Mercury Sports Group, Inc.	1
Lowe Danny D	1
LOYALTY CENTRAL Inc	1
Lucero James L	1
LUCKY TAB HOLDINGS LLC	1
MARK FRIEDMAN INNOVATIVE GAMING SYSTEMS LLC	1
Mark Kassel	1
Mark Solo Ltd	1
Maroun Dean G.A.	1
Marshall Connie T	1
Mathews Marc	1
Mathieu Audet	1
Matway Games West Inc	1
McCue Corp	1
Mckenzie James M.	1
Mcmonigle Mace	1
MDB ANALYTICS LLC	1
MEDIASEC TECHNOLOGIES LLC	1
Active Network LLC	1
Activision Publishing Inc	1
Acton Mark Nolan	1
ACTV Inc	1
Acushnet Co	1
ADC Technology Inc	1
ADCENSION, LLC	1
. (US)	1
1Blue Inc	1

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
ABB Inc	1
* ARENA LEISURE PLC	1
* ASTRA GAMES Ltd	1
* REVAHERTZ NETWORKS Inc	1
ACHIPELAGO HOLDINGS Inc	1
ACE AG Co Ltd	1
ADP AUTOMATEN GmbH	1
adp Gauselmann GmbH	1
ADVANCE PROGRAM Ltd	1
Advanced Gaming Tech Inc	1
Advant Games Oy Ltd	1
AG 18 LLC	1
AGINCOURT GAMING LLC	1
ARES SUN GLOBAL USA Inc	1
ARES SUN GLOBRAL Inc	1
Aristocrat Technologies Au	1
Arkados Inc	1
Arland Ges Fuer Informationste	1
ARACHNID Inc A CORP OF OH	1
APPNEXUS RESOURCES Inc	1
Anto Matosevic	1
Apple Computer, Inc.	1
Amish Patel	1
ALLIED AUTOMATION Inc	1
Alstom Signaling Inc	1
Albert Betteridge	1
AGT International Inc	1
Anchor Gaming	1
Andrew R Amada	1
ALTANTIC CITY COIN SLOT SERVICE COMPANY Inc	1
Amaitis Lee M	1
American Card Tech Inc	1
BASF SE	1
BDL PENN ENTERPRISES LLC	1
Bect Power Inc	1
Bell Fruit Manufacturing Co Ltd	1
Banker Shailen V	1
Avago Technologies General IP Singapore Pte Ltd	1
Betteridge Albert E	1
Betteridge Albert E Iv	1
BGC PARTNER Inc	1

**Top 1000 Assignees by occurrence:**

<u>Assignee</u>	<u>Number of Patents</u>
Benrus Mark A	1
Bentley John	1
Berman Robert	1
BERSCH GAMING LLC	1
Bet	1
BloomReach Inc	1
BLUE TOWEL Pty Ltd	1
Blumberg J. Seth	1
BOATMANS FIRST NATIONAL BANK OF KANSAS CITY	1
Bowling James P.	1
Boyd Gaming Corp	1
Boylan Iii Peter C	1
BRANDT AUTOMATIC CASHIER CO	1
Bids Holdings Lp	1
Big Bucks Games Interactive Inc.	1
Big Tent Entertainment LLC	1



**Top 1000 Inventors by occurrence:**

<u>Inventor</u>	<u>Number of Patents</u>
Joseph M. Asher	126
Howard W. Lutnick	125
Dean P. Alderucci	110
Geoffrey M. Gelman	100
Michael A. Leabman	97
Jay S. Walker	96
James A. Jorasch	84
Anthony J. Baerlocher	77
Lee M Amaitis	65
Lee Amaitis	63
Binh T. Nguyen	60
Bryan M. Kelly	55
Masood Garahi	53
Michael D Ellis	52
Joseph Asher	51
John F. Acres	49
Mark E. Herrmann	49
Connie T Marshall	45
Bryan D. Wolf	45
Steven N. Kane	45
Dominic Crosthwaite	43
Douglas Bell	43
Gregory Scott Brewer	43
Stephen C. Tulley	42
Kevin Burman	40
Michael Leabman	39
Alfred Thomas	38
Jay Walker	37
Dow Hardy	36
Russell M. Fine	36
James Jorasch	35
William L. Thomas	35
Robert C. Tedesco	33
Damon E. Gura	33
Dennis Lockard	32
Mark B. Gagner	32
Daniel E. Tedesco	32
Lee E. Cannon	31
Larry J. Pacey	30
Thierry Brunet De Coursou	30

**Top 1000 Inventors by occurrence:**

<u>Inventor</u>	<u>Number of Patents</u>
Howard Lutnick	29
Richard E. Rowe	29
Mark C. Nicely	28
Steven G. LeMay	28
Kenneth L. Miller	28
Patrick J Hughes	27
Lester F. Ludwig	26
Robert W. Crowder, Jr.	26
Adam Burgis	26
JeanMarie Gatto	26
Robert A. Luciano, Jr.	26
Brian K. Buchheit	25
Dwayne R. Nelson	25
Bijan Sabet	25
Jeremy M. Hornik	25
Jay Chun	24
Richard J. Schneider	24
Craig A. Paulsen	24
Sean I. Mcghie	23
Peter R. Anderson	23
Jon C. Zaring	22
Binh Nguyen	21
Jamison Selby	21
David W. Brown	21
Richard E. McNutt	21
Richard T. Schwartz	21
Paul LaRocca	21
Stephen G. Perlman	20
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Molly K. King	3

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<u>Inventor</u>	<u>Number of Patents</u>
Kevin M. Lanik	3
Stephen W. Morro	3
Jouka Mattila	3
Justin Santamaria	3
Adam Singer	3
Bryan Bullard	3
Thomas M. Sears	3
Fabrice Florin	2
Blake Lewin	2
Noriyuki Niwa	2
Christian Koller	2
Michael J. Dietz	2
Davd Anthony Puckeridge	2
Jun Fujimoto	2
Kerry E Thacher	2
Neelakantan Sundaresan	2
Aaron Vercruysse	2
David Puckeridge	2
Anil DOSHI	2
Andreas J. Hunn	2
John Kennedy FitzGerald	2
Claudio Schapsis	2
Alan Lewis	2
Perry Kaye	2
R. Greg Gomm	2
Jeremy Wyld	2
Lior AKAVIA	2
Naoki Kawajiri	2
Richard Raven	2
Kimberly N. Rogers	2
Paul Andrew Olbrich	2
Brian C. Marrant	2
Burt Simon	2
Robert S. TARTZ	2
Masatane Kobayashi	2
Masahiro Nishiyama	2
William Brosnan	2
Mikel Durham	2
Deniz Ersever	2
Dylan B. SeLegue	2



**Top 1000 Inventors by occurrence:**

<u>Inventor</u>	<u>Number of Patents</u>
Sunny TARA	2
Suk Ryun SON	2
Masatsugu Kobayashi	2
Jason C. Gilmore	2
Hiroyuki Izuno	2
Bruce Rowe	2
Todd A. Walker	2
Kengo Takeda	2
Patricia McMahan	2
Patrick Young	2
James Crawford	2
Danijel Stankovic	2
Chia Min Lee	2
Massimo F. dAmore	2
Benjamin Mullin	2
Felix Lambert	2
Paul Micucci	2
Isaac Sayo Daniel	2
Jesse L. Garvey	2
Jeffrey Allen	2
Lawrence E. Demar	2
Motohiro Hanafusa	2
Isao Sunaga	2
Michael Fisk	2
Mathieu R. Badimon	2
Larry C. Lewis	2
Daniel Gibson	2
Yasunori Gotoh	2
Victor Markowicz	2
Shunichi Nakamura	2
Binu Raj	2
Michael W. Saunders	2
Duncan F. Brown	2
Rolen Miller	2
Steve Cook	2
Paul Sturtevant	2
Henry Stapp	2
Johann F. Graf	2
James G. Burns	2
Peter Maresca	2

**Top 20 Patents based on References**

<b><u>Patent Number</u></b>	<b><u>Title</u></b>	<b><u>No. of times Referenced</u></b>
<a href="#">US20130296023A1</a>	Gaming system and method for offering simultaneous play of multiple games	820
<a href="#">US5917725A</a>	Tournament data system	753
<a href="#">US5830068A</a>	Interactive wagering systems and processes	691
<a href="#">US6736725B2</a>	Gaming method and host computer with ticketinticketout capability	624
<a href="#">US5984779A</a>	Continuous real time PariMutuel method	555
<a href="#">US6358150B1</a>	Methods and apparatus for parimutuel historical gaming	446
<a href="#">US20080064490A1</a>	Systems and methods for providing enhanced sports watching media guidance	435
<a href="#">US7985134B2</a>	Systems and methods for providing enhanced sports watching media guidance	405
<a href="#">US9215397B2</a>	Systems and methods for providing enhanced sports watching media guidance	394
<a href="#">US9407854B2</a>	Systems and methods for providing enhanced sports watching media guidance	394
<a href="#">US20020151366A1</a>	Method and apparatus for remotely customizing a gaming device	393
<a href="#">US6450887B1</a>	Methods and apparatus for parimutuel historical gaming	374
<a href="#">US20040229671A1</a>	Wagering system with automated entry system	372
<a href="#">US7040987B2</a>	Method and apparatus for remotely customizing a gaming device	351
<a href="#">US20040235542A1</a>	Parimutuel terminal wagering system and process	350
<a href="#">US20080254893A1</a>	Tournament bonus awards and related methods	345
<a href="#">US5846132A</a>	Interactive system allowing simulated or real time participation in a league	343
<a href="#">US20090061974A1</a>	Game with chance element and strategy component that can be copied	331
<a href="#">US20060252530A1</a>	Mobile device for providing filtered casino information based on real time data	315