507216475 04/05/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7263325

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|---------------------------------|
| NATURE OF CONVEYANCE: | AMENDED AND RESTATED ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------------------|----------------|
| SCIENTIFIC GAMES INTERNATIONAL, INC. | 04/01/2022 |

RECEIVING PARTY DATA

| Name: | SCIENTIFIC GAMES, LLC | | |
|-----------------|------------------------------|--|--|
| Street Address: | 1500 BLUEGRASS LAKES PARKWAY | | |
| City: | ALPHARETTA | | |
| State/Country: | GEORGIA | | |
| Postal Code: | 30004 | | |

PROPERTY NUMBERS Total: 10

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15394036 |
| Application Number: | 15394052 |
| Application Number: | 15394076 |
| Application Number: | 15394106 |
| Application Number: | 16586999 |
| Application Number: | 15394136 |
| Application Number: | 15394195 |
| Application Number: | 15271781 |
| Application Number: | 15799197 |
| Application Number: | 15711282 |

CORRESPONDENCE DATA

Fax Number: (864)233-7342

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

Phone: 8642711592

Email: usdocketing@dority-manning.com, jackie@dority-manning.com

DORITY & MANNING, P.A. Correspondent Name:

Address Line 1: P.O. BOX 1449

Address Line 4: GREENVILLE, SOUTH CAROLINA 29602

ATTORNEY DOCKET NUMBER: SGI-5143-M -ASSIGNMENT 15

> **PATENT** REEL: 059607 FRAME: 0674

507216475

| NAME OF SUBMITTER: | STEPHEN E. BONDURA | |
|-----------------------|----------------------|--|
| SIGNATURE: | /stephen e. bondura/ | |
| DATE SIGNED: | 04/05/2022 | |
| Total Attachments: 12 | | |

Total Attachments: 12

source=Doc_I_Amended_and_Restated_Assignment_SGII_to_SGLLC#page1.tif source=Doc_I_Amended_and_Restated_Assignment_SGII_to_SGLLC#page2.tif source=Doc_I_Amended_and_Restated_Assignment_SGII_to_SGLLC#page3.tif source=Doc_I_Amended_and_Restated_Assignment_SGII_to_SGLLC#page4.tif source=Doc_I_Amended_and_Restated_Assignment_SGII_to_SGLLC#page5.tif source=Doc_I_Amended_and_Restated_Assignment_SGII_to_SGLLC#page6.tif source=Doc_I_Amended_and_Restated_Assignment_SGII_to_SGLLC#page7.tif source=Doc_I_Amended_and_Restated_Assignment_SGII_to_SGLLC#page8.tif source=Doc_I_Amended_and_Restated_Assignment_SGII_to_SGLLC#page9.tif source=Doc_I_Amended_and_Restated_Assignment_SGII_to_SGLLC#page10.tif source=Doc_I_Amended_and_Restated_Assignment_SGII_to_SGLLC#page11.tif source=Doc_I_Amended_and_Restated_Assignment_SGII_to_SGLLC#page11.tif source=Doc_I_Amended_and_Restated_Assignment_SGII_to_SGLLC#page12.tif

AMENDED AND RESTATED PATENT ASSIGNMENT

This AMENDED AND RESTATED ASSIGNMENT ("Amended and Restated Assignment"), effective as of April 1, 2022, is made and entered into by and among the following (each a "Party" and collectively, the "Parties"):

- (1) Scientific Games, LLC (formerly known as Scientific Games, Inc.), a corporation organized and existing under the laws of Delaware ("Assignee");
- (2) Scientific Games International, Inc., a corporation organized and existing under the laws of Delaware ("Assignor").

Capitalized terms used herein but not otherwise defined herein shall have the meanings set forth in the EPA (as defined below).

WHEREAS, Scientific Games Corporation, a Nevada corporation ("SG CORP") and BCP Acquisitions LLC, a Delaware limited liability company ("Buyer"), have entered into a certain Equity Purchase Agreement, dated as of October 27, 2021 (the "EPA"), pursuant to which Buyer or certain of its Affiliates agreed to purchase from SG CORP and its Affiliates, and SG CORP and its Affiliates agreed to sell to Buyer or such Affiliates, the Transferred Equity Interests and other assets, on the terms and subject to the conditions set forth in in the EPA (the "Acquisition");

WHEREAS, Scientific Games International, Inc. (Assignor) is an Affiliate of SG CORP;

WHEREAS, Scientific Games, LLC (Assignee) will be transferred to Buyer in connection with the Acquisition;

WHEREAS, in connection with the Acquisition, Assignor and Assignee have entered into an initial assignment (the "<u>Initial Assignment</u>") dated October 26, 2021 and recorded at the United States Patent and Trademark Office at Reel/Frame Numbers: 057970/0859, 057970/0894, 057970/0948, 057970/0976, 057971/0060, 057971/0076, 057971/0088, 057971/0107, 057971/0136, 057971/0124, 057971/0616 and 057971/0640;

WHEREAS, (i) the Initial Assignment inadvertently referred to the date of assignment "as of the respective filing dates listed, above," (ii) the Initial Assignment omitted certain patent numbers and issue dates for certain of the Assigned Patents and Patent Applications, (iii) the Initial Assignment erroneously included patent number 7,874,902, (iv) the Initial Assignment lacked certain provisions related to further assurances, governing law, and general provisions, and (v) the Assignee has since undergone a change of name and is now known as Scientific Games, LLC, and Assignor and Assignee now wish to amend and restate the Initial Assignment as set forth above and otherwise restate the Initial Assignment in its entirety as set forth herein;

WHEREAS, Assignor and Assignee desire to confirm validity of the Initial Assignment and confirm that the effective assignment date of the Initial Assignment was its execution date of October 26, 2021;

1

WHEREAS, in connection with the Acquisition, SG CORP, on behalf of itself and its Affiliates (including Assignor), has agreed to sell, transfer and assign to Assignee, and Assignee has agreed to acquire, all of their right, title, and interest in and to certain Assigned Patents and Patent Applications (as defined below), including the US and foreign issued patents and pending patent applications identified in Schedule A to the Initial Assignment and identified in Schedule A to this Amended and Restated Assignment.

NOW, THEREFORE, for good and valuable consideration, including the premises and covenants set forth in the EPA, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

- 1. Assignment, ASSIGNOR does hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, as of October 26, 2021, nunc pro tune, (i) the full and exclusive right, title and interest in the Patents, all related applications thereto including, but not limited to, any and all patents, patent applications or provisional applications that are referenced by the above to provide priority and those that receive priority therefrom, any present or future continuations, continuations in part, divisionals, reexaminations, reissues, and foreign counterparts thereof and any patent or patent application that receives priority therefrom (all additionally included hereinafter within the "Patents"); (ii) the right to make application for patent for said inventions disclosed in the Patents in the United States and any and all foreign countries: (iii) the right to claim priority as to the filing date under United States law and the Patent Cooperation Treaty on the basis of the aforesaid Patents; and (iv) any claims for damages and all remedies arising out of any violation of the rights assigned hereby that ASSIGNOR may have that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, anywhere in the world, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the Patents in the United States, or for past infringements of any patent claiming priority to the Patents which has been or may be granted in any country anywhere in the world, together, in each case, with the right to fully and entirely stand in the place of the ASSIGNOR in all matters related to any of the foregoing; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue all letters patents issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.
- 2. <u>Further Assurances</u>. Assignor shall, upon reasonable request of Assignee and at Assignee's expense, provide to Assignee, Assignee's successors, assigns or other legal representatives, all such reasonable cooperation and assistance (including, without limitation, the timely execution and delivery of any and all affidavits, declarations, oaths, samples, exhibits, specimens, assignments or other documentation) and take such other reasonable actions as may be necessary or desirable to record, memorialize or perfect Assignee's right, title and interest in, to and under the Assigned Patents.
- 3. Governing Law. This Confirmation and Assignment, and all matters, claims, controversies, disputes, suits, actions or proceedings arising out of or relating to this Confirmation and Assignment and the negotiation, execution or performance of this Confirmation and Assignment or any of the transactions contemplated hereby, including

all rights of the Parties (whether sounding in contract, tort, common or statutory law, equity or otherwise) in connection therewith shall be interpreted, construed and governed by and enforced pursuant to the laws of the State of Nevada, without regard to the conflicts of law rules of such state.

4. General Provisions. This Confirmation and Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A signed copy of this Confirmation and Assignment delivered by facsimile, e-mail or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Confirmation and Assignment. This Confirmation and Assignment is entered into pursuant to the EPA. To the extent of any conflict between this Confirmation and Assignment and the EPA, the EPA will govern. This Confirmation and Assignment is binding upon and inures to the benefit of the parties hereto and their respective successors and assigns.

[Signature Pages Follow]

3

IN WITNESS WHEREOF, each party has caused this Confirmation and Assignment to be executed by its duly authorized representative as of the date first written above.

Scientific Games International, Inc. (Assignor)

By: Take May

Name: Patrick McHugh

Title: President and Chief Executive Officer, Secretary and Treasurer

Scientific Games, LLC (Assignee)

By: Takil May

Name: Patrick McHugh

Title: Chief Executive Officer

Doc: I (3/23/22)

SCHEDULE A: Assigned Patents and Patent Applications

| Application No. | Patent No. | Filing Date | Issue Date | Title |
|-----------------|------------|-------------|------------|--|
| 10/714019 | 7798895 | 11/14/2003 | 09/21/2010 | Lottery and Gaming Systems for Playing Wagering Game with Enhanced Prize Structure Derived from Multiple Plays |
| 11/484924 | 7846016 | 07/11/2005 | 12/07/2010 | Lottery Came with Interactive Came Indicia Selection |
| 12/956592 | 8795054 | 07/11/2005 | 08/05/2014 | Lottery Game with Interactive Game Indicia Selection |
| 10/612307 | 8287353 | 07/02/2003 | 10/16/2012 | Lottery Game Method |
| 13/601001 | 8562413 | 07/02/2003 | 10/22/2013 | Lottery Game Method |
| 11/088166 | 7785184 | 03/23/2005 | 08/31/2010 | Computer-implemented Simulated Card Game |
| 10/603539 | 7134959 | 06/25/2003 | 11/14/2006 | Methods and Apparatus for Providing a Lottery Game |
| 11/580556 | 7878895 | 06/25/2003 | 02/01/2011 | Method and Apparatus for Providing a Lottery Game |
| 11/580557 | 7766740 | 06/25/2003 | 08/03/2010 | Method and Apparatus for Providing a Lottery Game |
| 11/014159 | 7252222 | 12/19/2003 | 08/07/2007 | Embedded Optical Signatures in Documents |
| 11/288629 | 7364091 | 12/19/2003 | 04/29/2008 | Embedded Optical Signatures in Documents |
| 11/391746 | 7837117 | 12/19/2003 | 11/23/2010 | Embedded Optical Signatures in Documents |
| 12/914185 | 8177136 | 12/19/2003 | 05/15/2012 | Embedded Optical Signatures in Documents |
| 10/029398 | 6783456 | 12/19/2001 | 08/31/2004 | Methods and Systems for Conducting Lottery-type Games with Strategy Elements |
| 11/088167 | 7819738 | 08/25/2004 | 10/26/2010 | Lottery Game Based on Letter Prizes |
| 11/074999 | 8221210 | 03/08/2005 | 07/17/2012 | Lottery Game Having Secondary Game with Multiplier and Second Payout |
| 11/039748 | 7788482 | 05/06/2004 | 08/31/2010 | System and Method for Securing On-line Documents Using Authentication Codes |
| 11/482465 | 8037307 | 05/06/2004 | 10/11/2011 | System and Method for Securing On-line Documents Using Authentication Codes |
| 11/327608 | 7699314 | 01/07/2005 | 04/20/2010 | Lottery Game Utilizing Nostalgic Game Themes |
| 12/762754 | 8056900 | 01/07/2005 | 11/15/2011 | Grid Based Lottery Came and Associated System |
| 11/327627 | 7662038 | 01/07/2005 | 02/16/2010 | Multi-Matrix Lottery |
| 11/540237 | 8672738 | 09/30/2005 | 03/18/2014 | Lottery Game having Enhanced Winnings |
| 11/330428 | 7824257 | 01/11/2005 | 11/02/2010 | On-line Lottery Game in Which Supplemental Lottery-selected Indicia are Available for Purchase |
| 11/350245 | 8262453 | 02/09/2005 | 09/11/2012 | Combination Lottery and Raffle Game |
| 11/436166 | 7654529 | 05/17/2005 | 02/02/2010 | Combination Scratch Ticket and On-line Game Ticket |
| 12/648963 | 8308162 | 05/17/2005 | 11/13/2012 | Combination Scratch Ticket and On-line Game Ticket |
| 11/186464 | 7621814 | 07/22/2004 | 11/24/2009 | Media Enhanced Gaming System |
| 11/258545 | 7726652 | 10/28/2004 | 06/01/2010 | Lottery Game Played on a Geometric Figure Using Indicia with Variable Point Values |
| 12/791557 | 8109513 | 10/28/2004 | 02/07/2012 | Lottery Game Played on a Geometric Figure Using Indicia with Variable Point Values |
| 11/210312 | 7410168 | 08/27/2004 | 08/12/2008 | Poker Style Scratch-ticket Lottery Games |
| 11/215054 | 7429044 | 08/31/2004 | 09/30/2008 | Scratch Ticket Lottery and Promotional Games |
| 11/601259 | 7885851 | 11/17/2005 | 02/08/2011 | Retailer Optimization Using Market Segmentation Top Quintile Process |

| Application No. | Patent No. | Filing Date | Issue Date | Title |
|----------------------|------------|-------------|------------|--|
| 11/703531 | 7997982 | 02/07/2006 | 08/16/2011 | Lottery Game Having an Independent Raffle Prize |
| 11/788514 | 7914371 | 04/21/2006 | 03/29/2011 | Instant-win Lottery Game and Ticket |
| 11/801526 | 8628082 | 05/11/2006 | 01/14/2014 | Lottery Instant-Game Ticket |
| 14/154456 | 8857816 | 05/11/2006 | 10/14/2014 | Lottery Instant-Game Ticket |
| 11/842207 | 8197323 | 08/21/2006 | 06/12/2012 | System and Method for Implementing an Additional Game to Players of a Lottery Game |
| 13/467313 | 8579693 | 08/21/2006 | 11/12/2013 | Systemand Method for Implementing an Additional Game to Players of a Lottery Game |
| 14/069676 | 9633520 | 08/21/2006 | 04/25/2017 | System and Method for Implementing an Additional Game to Players of a Lottery Game |
| 11/777476 | 7624984 | 08/21/2006 | 12/01/2009 | Lottery Came Card having Dual Imaged Indicia with Scratch-off Layer |
| 11/894226 | 7959188 | 08/21/2006 | 06/14/2011 | Lottery Ticket having Matched Indicia Grid with Row and Column Win Indicators |
| 11/865997 | 8075387 | 10/06/2006 | 12/13/2011 | Multiplier for Lottery Game |
| 13/324316 | 8449374 | 10/06/2006 | 05/28/2013 | Multiplier for Lottery Game |
| 10/668458 | 7204756 | 09/23/2003 | 04/17/2007 | Lottery System with Method for Paying Multiple Progressive Jackpots |
| 29/269569 | D597138 | 12/01/2006 | 07/28/2009 | Retail Ticket-vending Terminal |
| 11/093754 | 7621810 | 03/30/2004 | 11/24/2009 | Systemand Method for Selling Lottery Game Tickets through a Point of Sale System |
| 10/983960 | 7665400 | 11/08/2004 | 02/23/2010 | Print Monitoring System and Method |
| MX/a/2007/ 005541 | 289502 | 11/08/2004 | 08/19/2011 | Printed Object and a Print Monitoring System for Inspection of Same |
| 09/900235 | 6592454 | 07/06/2001 | 07/15/2003 | Lottery System |
| 10/218155 | 7674169 | 07/06/2001 | 03/09/2010 | Random Animated Lottery System |
| 11/356796 | 8216049 | 07/06/2001 | 07/10/2012 | Systemand Method for Constraining Bingo Card Faces to Limit Liability of Number of Random Drawn Winners |
| 13/545396 | 8591309 | 07/06/2001 | 11/26/2013 | Systemand Method for Constraining Bingo Card Faces to Limit Liability of Number of Random Drawn Winners |
| 11/890903 | 8747208 | 08/07/2007 | 06/10/2014 | Multi-Media System for Lottery Draws |
| 11/999259 | 8282468 | 12/04/2006 | 10/09/2012 | System and Method for Gaming Terminal with Account Funding |
| 10/528220 | 8394462 | 10/08/2002 | 03/12/2013 | Methods for Applying Coating Compositions to an Article and Articles Produced Thereof |
| 10/883570 | 7756742 | 07/01/2003 | 07/13/2010 | System and Method for Dispensing Tickets |
| 14/268652 | 9111414 | 05/02/2014 | 08/18/2015 | Spinning Game |
| 14/532941 | 9889372 | 11/04/2014 | 02/13/2018 | Hidden Object Lottery Game |
| 10/629686 | 7374484 | 08/02/2002 | 05/20/2008 | Lottery Ticket Security Method |
| 12/123030 | 8043154 | 08/02/2002 | 10/25/2011 | Lottery Ticket Security Method |
| 29/291408 | DES582990 | 04/27/2005 | 12/16/2008 | Game Device |
| 29/291395 | D589093 | 08/24/2006 | 03/24/2009 | Game Device |
| 29/291407 | DES581990 | 08/28/2007 | 12/02/2008 | Game Device |
| 29/291394 | D590450 | 08/24/2006 | 04/14/2009 | Game Device |
| 10/883566 | 7364058 | 07/01/2004 | 04/29/2008 | Ticket Dispensing Apparatus |
| 11/750464 | 8540182 | 05/18/2007 | 09/24/2013 | Dispenser for Multiple Rolls of Lottery Tickets |
| 12/365952 | 8328618 | 02/11/2008 | 12/11/2012 | Method and System for Conducting a Lottery Game as a Function of a Player's Purchase at a Retail Establishment |

| Application No. | Patent No. | Filing Date | Issue Date | Title |
|--------------------|------------|-------------|------------|--|
| 12/409595 | 8206208 | 03/24/2008 | 06/26/2012 | Method and System for Playing a Lottery Game with Enhanced Multiplier Factor |
| 12/534482 | 8083583 | 08/04/2008 | 12/27/2011 | Method and System for Managing Probability of an Outcome in a Random Generation Event |
| 13/299662 | 8308551 | 08/04/2008 | 11/13/2012 | Method and System for Managing Probability of an Outcome in a Random Generation Event |
| 12/508117 | 8696431 | 09/17/2008 | 04/15/2014 | Mobile Play Instant Ticket Lottery Game |
| 12/647785 | 8231449 | 12/29/2008 | 07/31/2012 | Instant-Win Ticket Lottery Game |
| 12/647804 | 8221213 | 12/30/2008 | 07/17/2012 | Instant-Win Ticket Lottery Game |
| 12/200367 | 8199370 | 08/29/2007 | 06/12/2012 | Enhanced Scanner Design |
| 13/494279 | 8638479 | 08/29/2007 | 01/28/2014 | Enhanced Scanner Design |
| 12/189318 | 8287351 | 08/29/2007 | 10/16/2012 | System and Method for a Terminal-Based Lottery Game with Subsequent Interactive Component |
| 12/500267 | 8267604 | 07/10/2008 | 09/18/2012 | Sheet Discharge Assembly for a Printer |
| 12/235725 | 8282014 | 09/28/2007 | 10/09/2012 | Method and System for Terminal Dispensed Lottery Ticket with Validation Mark |
| 11/967348 | 7883092 | 12/31/2007 | 02/08/2011 | Energy Cured Coating |
| 12/336580 | 8366153 | 12/28/2007 | 02/05/2013 | Systemand Method for Detecting Compromised Instant Lottery Tickets |
| 12/333413 | 8290816 | 12/19/2007 | 10/16/2012 | Lottery Sales Systems and Methodology for Supporting Cross-Platform Reporting |
| 12/356591 | 8221208 | 01/29/2008 | 07/17/2012 | Online Terminal Based Lottery Game with a Slot Machine Theme |
| 12/756409 | 8808079 | 04/16/2009 | 08/19/2014 | Lottery Game Reward System and Method |
| 12/725853 | 8055901 | 03/17/2009 | 11/08/2011 | Optical Signature to Enable Image Correction |
| 12/821783 | 8235786 | 06/23/2009 | 08/07/2012 | Lottery System and Method Incorporating Random Credit Allocation to a Plurality of Games |
| 13/105099 | 8808080 | 05/14/2010 | 08/19/2014 | Grid-based Lottery Game and Associated Method |
| 13/105112 | 8460081 | 05/14/2010 | 06/11/2013 | Grid-Based Multi-Lottery Game and Associated Method |
| 12/898821 | 8408986 | 11/02/2009 | 04/02/2013 | Internet Based Lottery Redemption Systemand Methods |
| 13/853157 | 8827795 | 11/02/2009 | 09/09/2014 | Method for Verifying the Age or Location of a Player before Initiating Play of an Internet-Based Game |
| 14/480723 | 9430789 | 11/02/2009 | 08/30/2016 | Method for Verify ing the Age or Location of a Player Before Initiating Play of an Internet-Based Game |
| 12/873849 | 8434792 | 09/01/2010 | 05/07/2013 | Method for Facilitating a Multi-Lingual Game |
| 13/223567 | 8512123 | 02/07/2011 | 08/20/2013 | Method and Associated Lottery Game Card/Ticket for Play of Multiple Game Components |
| 13/970744 | 9064381 | 02/07/2011 | 06/23/2015 | Method and Associated Lottery Game Card/Ticket for Play of Multiple Game Components |
| 13/223585 | 8613652 | 02/07/2011 | 12/24/2013 | Method for Play of a Lottery Ticket-based Internet Game |
| 13/223607 | 8444469 | 02/07/2011 | 05/21/2013 | Method for Play of a Lottery Game Having a Redemption Chain with an Enhanced Prize |
| 13/898943 | 8900046 | 02/07/2011 | 12/02/2014 | Method for Play of a Digital Gate Enabled Lottery Ticket-based Game |
| 13/223628 | 8951110 | 02/07/2011 | 02/10/2015 | Method for Implementing a Digital Enabled Multi- player Lottery Game |

| Application No. | Patent No. | Filing Date | Issue Date | Title |
|--------------------|------------|-------------|------------|--|
| 13/092263 | 10543712 | 04/22/2011 | 01/28/2020 | Methods for Securing Variable Indicia on Instant (Scratch-off) Tickets |
| 13/644231 | 8915780 | 02/08/2012 | 12/23/2014 | Logistics Methods for Processing Lottery and Contest Tickets with Generic Hardware |
| 14/578865 | 9558622 | 02/08/2012 | 01/31/2017 | Logistics Methods for Processing Lottery and Contest Tickets with Generic Hardware |
| 14/578877 | 9721425 | 02/08/2012 | 08/01/2017 | Logistics Methods for Processing Lottery and Contest Tickets with Generic Hardware |
| 13/644249 | 9405984 | 02/08/2012 | 08/02/2016 | Logistics Methods for Portable, Mobile Processing of Lottery and Contest Tickets |
| 13/645844 | 8864578 | 10/05/2012 | 10/21/2014 | Methods for Secure Game Entry Generation Via Multi-Part Generation Seeds |
| 29/422181 | D696729 | 05/17/2012 | 12/31/2013 | Button Actuator Array for a Gaming Terminal |
| 13/485483 | 8784180 | 05/31/2012 | 07/22/2014 | Systemand Method for Play of a Network-based Lottery Game |
| 14/050640 | 9539501 | 10/11/2012 | 01/10/2017 | System for Implementing Internet-Based Games with a Core Platform, Game Modules, and Protected Game Outcome Generator |
| 14/050651 | 9547957 | 10/11/2012 | 01/17/2017 | System and Method for Implementing Internet- Based Games Wherein a Plurality of Different Games Share a Common Prize Structure |
| 14/283265 | 9959711 | 05/21/2014 | 05/01/2018 | Method for Integrating Games with Digital Media |
| 14/260436 | 9355525 | 04/24/2014 | 05/31/2016 | Method and System to Fund and Conduct Second Chance Cames |
| 14/283280 | 9916729 | 05/21/2014 | 03/13/2018 | Digital Media-Based Award System for Gaming |
| 14/656785 | 9833710 | 03/13/2014 | 12/05/2017 | Method and System for Providing a Secure Shuffle of Came Objects Across Multiple Entities |
| 14/334701 | 9666023 | 07/18/2014 | 05/30/2017 | Logistics Methods for Processing Lottery and Contest Tickets with Generic Hardware |
| 14/880538 | 10092823 | 10/10/2014 | 10/09/2018 | Method and System for Conducting and Linking a Televised Game Show with Play of a Lottery Game |
| 14/880562 | 10071305 | 10/10/2014 | 09/11/2018 | Method and System for Conducting and Linking Play of a Lottery Came with a Televised Game Show Simultaneously with a Play-at-Home Version of the Came Show |
| 14/880574 | 10099114 | 10/10/2014 | 10/16/2018 | Method and System to Conduct a Bonus Game that Links Separate Primary Lottery Games |
| 14/800832 | 9799170 | 07/29/2014 | 10/24/2017 | Method and System for Providing Alternative Usages of Closed Lottery Networks |
| 14/948833 | 9911279 | 12/01/2014 | 03/06/2018 | System and Method Wherein Game Players Visit One or More Communication-Enabled Locations to Increase a Likelihood of Successor Enhanced Winnings in the Game |
| 14/948899 | 9911284 | 12/01/2014 | 03/06/2018 | Systemand Method for Play of a Lottery Second Chance Game Wherein Game Players Visit a Communication-Enabled Location to Satisfy a Requirement for Entry into the Second Chance Game |
| 14/948958 | 10319192 | 12/01/2014 | 06/11/2019 | Systemand Method Wherein Game Players Visit One or More Communication-Enabled Locations and Are Invited by Personalized Messages to Play |

| Application No. | Patent No. | Filing Date | Issue Date | Title |
|--------------------|------------|-------------|------------|---|
| | | | | a Game of Chance or Perform Other Game-Related Activities |
| 14/949011 | 10332349 | 12/01/2014 | 06/25/2019 | System and Method Wherein Game Players Visit One or More Communication-Enabled Locations to Collect Credit for Losing Primary Lottery Game Tickets |
| 14/949054 | 9928683 | 12/01/2014 | 03/27/2018 | System and Method for Game Players to Achieve Multiple Status Levels in a Game Account from Visits to Authorized Locations |
| 14/949096 | 9922494 | 12/01/2014 | 03/20/2018 | System and Method for Selecting Game Players from Multiple Authorized Locations to Compete in a Game Show |
| 14/949150 | 9928685 | 12/01/2014 | 03/27/2018 | System and Method Wherein Game Players are Provided Electronic Maps to Communication-Enabled Locations to Perform Game Activities at the Locations |
| 14/723606 | 9656156 | 05/28/2015 | 05/23/2017 | Multi-Game Lottery Ticket Assembly and Associated Method for Making |
| 14/802526 | 10672234 | 07/17/2015 | 06/02/2020 | Method and System for Enhanced Lottery Ticket Accounting and Sales with Smart Bin Dispensers at a Retail Establishment |
| 14/802279 | 10229466 | 07/17/2015 | 03/12/2019 | Method and System for Enhanced Lottery Ticket Accounting and Sales at a Retail Establishment Level |
| 14/802312 | 9718577 | 07/17/2015 | 08/01/2017 | Lottery Ticket Pack and Associated Method for Unwrapping the Pack and Connecting Lottery Tickets of Adjacent Packs |
| 14/859999 | 10453296 | 09/21/2015 | 10/22/2019 | Method and System for Lottery Came Play Transactions via a Kiosk and a Player's Mobile Smart Device |
| 15/092047 | 9685026 | 04/06/2016 | 06/20/2017 | Smart Bin Lottery Ticket Dispenser with Varying Ticket Size Inserts |
| 15/092070 | 9613337 | 04/06/2016 | 04/04/2017 | Smart Bin Lottery Ticket Dispenser System with Varying Ticket Size Inserts and Associated Front Panels |
| 15/188421 | 10343236 | 06/21/2016 | 07/09/2019 | Systemand Method for Variable for Perforation Profiles in a Stack of Lottery Tickets based on Fold Pattern |
| 15/188452 | 10345789 | 06/21/2016 | 07/09/2019 | Systemand Method for Variable Perforation Profiles in a Stack of Lottery Tickets |
| 16/504840 | 10591894 | 06/21/2016 | 03/17/2020 | Systemand Method for Variable Perforation Profiles in a Stack of Lottery Tickets |
| 15/199133 | 10403088 | 06/30/2016 | 09/03/2019 | Method and System for Determining and Displaying Information on the Prize Value of Instant Lottery Tickets Offered for Sale in Multi- Bin Arrays |
| 15/188469 | 10373443 | 06/21/2016 | 08/06/2019 | Method and System for Enhanced Lottery Ticket Activation and Sale at a Retail Establishment with Subsequent Billing and Accountability of Sold Tickets |
| 16/531537 | 11158172 | 08/05/2019 | 10/26/21 | Method and System for Enhanced Lottery Ticket Activation and Sale at a Retail Establishment with |

| Application No. | Patent No. | Filing Date | Issue Date | Title |
|--------------------|------------|-------------|------------|---|
| | | | | Subsequent Billing and Accountability of Sold Tickets |
| 15/164316 | 10008074 | 05/25/2016 | 06/26/2018 | Method and System for Linking WebBased Secondary Features to a Lottery Ticket Validation File by an Encrypted Registration Code |
| 15/164334 | 9997026 | 05/25/2016 | 06/12/2018 | Method and System for Validating a Lottery Ticke Using an Encrypted Registration Code |
| 29/589248 | D806698 | 12/29/2016 | 01/02/2018 | Lottery Ticket Checker Terminal |
| 15/394012 | 10071848 | 12/29/2016 | 09/11/2018 | Smart Bin Lottery Ticket Dispenser with Electronic Displays |
| 15/394023 | 10046902 | 12/29/2016 | 08/14/2018 | Smart Bin Lottery Ticket Dispenser with Dual Tear Bars |
| 15/394036 | 10221006 | 12/29/2016 | 03/05/2019 | Smart Bin Lottery Ticket Dispenser with Calibrated Ticket Feed |
| 15/394052 | 10071847 | 12/29/2016 | 09/11/2018 | Smart Bin Lottery Ticket Dispenser with Calibrated Ticket Feed |
| 15/394076 | 10246246 | 12/29/2016 | 04/02/2019 | Smart Bin Lottery Ticket Dispenser with Calibrated Ticket Feed |
| 15/394106 | 10431048 | 12/29/2016 | 10/01/2019 | Smart Bin Lottery Ticket Dispenser with Remote Electronic Display |
| 16/586999 | 10861290 | 12/29/2016 | 12/08/2020 | Smart Bin Lottery Ticket Dispenser with Remote Electronic Display |
| 15/394136 | 10235843 | 12/29/2016 | 03/19/2019 | Smart Bin Lottery Ticket Dispenser with Random Bin Selection for Bonus Prize |
| 15/394195 | 10017319 | 12/29/2016 | 07/10/2018 | Lottery Ticket Dispensing Bin with a Retarding Torque Drive System to Prevent Ticket Reeling |
| 15/271781 | 9821577 | 09/21/2016 | 11/21/2017 | System and Method for Printing Scratch-Off Lottery Tickets |
| 15/799197 | 10105975 | 09/21/2016 | 10/23/2018 | Systemand Method for Printing Scratch-Off Lottery Tickets |
| 15/711282 | 10431049 | 09/28/2016 | 10/01/2019 | Lottery Game System and Method with Augmented Reality Component |
| 15/785528 | 10424167 | 10/17/2017 | 09/24/2019 | Lottery Game System and Method with Augmented Reality Scratch-Off Lottery Ticket |
| 15/843085 | 10460569 | 12/15/2017 | 10/29/2019 | Smart Bin Lottery Ticket Dispenser with Integrated Controller |
| 15/971557 | 11080969 | 05/04/2018 | 08/03/2021 | System and Method for Remote Display of Scratch-Off Lottery Ticket Prior to Sale |
| 16/665240 | 10937280 | 12/15/2017 | 03/02/2021 | Smart Bin Lottery Ticket Dispenser with Integrated Controller |
| 15/843109 | 10427029 | 12/15/2017 | 10/01/2019 | Smart Bin Lottery Ticket Dispenser with Modular Printer Bin |
| 16/586996 | 10946266 | 12/15/2017 | 03/16/2021 | Smart Bin Lottery Ticket Dispenser with Modular Printer Bin |
| 15/818866 | 10650642 | 11/21/2017 | 05/12/2020 | Lottery Ticket Dispenser Bin for Dispensing Packaged Lottery Tickets |
| 15/915246 | 10661155 | 03/08/2018 | 05/26/2020 | Scratch-Off Lottery Ticket Game Structure and Method with Dynamic Validation Files to Suppor Variable Prize Structures |
| 15/915261 | 10532273 | 03/08/2018 | 01/14/2020 | Scratch-Off Lottery Ticket Game Structure and Method with Dynamic Validation Files to Suppor Variable Prize Structures |

| Application No. | Patent No. | Filing Date | Issue Date | Title |
|--------------------|------------|-------------|------------|---|
| 15/958124 | 10726665 | 04/20/2018 | 07/28/2020 | Multi-Lingual Enabled Scratch-Off Lottery Ticket Systemand Method |
| 15/958141 | 10726666 | 04/20/2018 | 07/28/2020 | Scratch-Off Lottery Ticket System and Method with Foreign Language Templates |
| 15/969823 | 10134244 | 05/03/2018 | 11/20/2018 | Lottery Ticket Dispenser Bin with Pivotal Door |
| 15/997829 | 10950085 | 06/05/2018 | 03/16/2021 | System and Method for Providing Players with Location of Lottery Tickets with Specific Game Play Characters |
| 16/547780 | 11167579 | 08/22/2019 | 11/09/2021 | System and Method for Remote Display of Scratch-Off Lottery Tickets Prior to Sale |
| 29/663988 | D893915 | 09/20/2018 | 08/25/2020 | Lottery Ticket Dispenser Module |
| 29/747555 | | 08/24/2020 | | Lottery Ticket Dispenser Module |
| 29/663990 | D891518 | 09/20/2018 | 07/28/2020 | Lottery Ticket Dispenser Array with Stacked Lottery Ticket Modules |
| 16/572693 | 10930116 | 09/20/2018 | 02/23/2021 | Multi-Bin Lottery Ticket Dispenser with Floating Circuit Board Configuration |
| 16/572702 | | 09/20/2018 | | Lottery Ticket Bin with Pull-Out Drawer and Folding Cable Configuration |
| 16/572711 | 10977905 | 09/20/2018 | 04/13/2021 | Lottery Ticket Bin with Pull-Out Drawer and Ticket Guide Configuration |
| 14/120712 | 9220974 | 06/20/2013 | 12/29/2015 | Instant Game Ticket |
| 14/951474 | 10130868 | 12/02/2014 | 11/20/2018 | Two-Game Instant Ticket with Simultaneous Play |
| 16/436464 | 10751604 | 06/10/2019 | 08/25/2020 | Multi-Game Foldable Lottery Ticket and Associated Method for Making |
| 16/436477 | | 06/10/2019 | | Lottery Ticket Packs with Identification and Security Image and Associated Method for Making |
| 16/596919 | 11107311 | 10/09/2019 | 08/31/2021 | Lottery Ticket Bin with Pull-Out Drawer and Ticket Guide Configuration |
| 16/541221 | 10854047 | 08/15/2019 | 12/01/2020 | Card-Based Game System and Associated Method of Play |
| 16/665257 | | 10/28/2019 | | Scratch-Off Lottery Ticket Card with Multiple Game Tickets |
| 16/576861 | | 09/20/2019 | | Systemand Method for Collecting and Using Filtered Facial Biometric Data |
| 17/070080 | | 10/14/2020 | | Lottery Ticket Dispensing Unit with Brake Roller |
| 17/070102 | | 10/14/1020 | | Lottery Ticket Dispensing Unit with a Shuttle Separator Device |
| 17/070125 | | 10/14/2020 | | Lottery Ticket Dispensing System |
| 63/108592 | | 11/02/2020 | | Scratch-Off Lottery Ticket System and Method to Encourage Continued Came Play After Award of Top Prizes |
| 17/328404 | | 05/24/2021 | | Lottery Ticket Dispensing Method and System with Additional Purchase Recommendation Capability |
| 17/328468 | | 05/24/2021 | | Lottery Ticket Dispensing Method and System with Additional Purchase Recommendation Capability |
| 17/464004 | | 09/01/2021 | | Systemand Method for Composing Personalized Scratch-Off Lottery Tickets |
| 17/464034 | | 09/01/2021 | | Systemand Method for Composing Personalized Scratch-Off Lottery Tickets |
| 16/556418 | 10559162 | 08/30/2019 | 02/11/2020 | Method and System for Determining and Displaying Information on the Prize Value of |

Doc: I (3/23/22)

| Application No. | Patent No. | Filing Date | Is sue Date | Title |
|--------------------|------------|-------------|-------------|--|
| | | | | Instant Lottery Tickets Offered for Sale in Multi- Bin Arrays |

RECORDED: 04/05/2022