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(72) Inventor; and

(71) Applicant: ISGAR, Charles [US/US]; 20368 N. 98th St., Scottsdale, Arizona 85255 (US).

(74) Agent: ENOS, Sean K. et al.; Schmeiser, Olsen & Watts LLP, 18 E. University Dr., Ste. 101, Mesa, Arizona 85201 (US).

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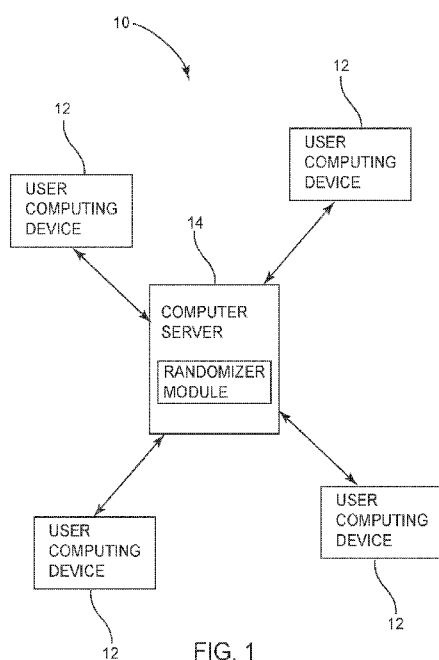


FIG. 1

(57) Abstract: Described is a retro sports system for creating new sporting events with new outcomes utilizing past sporting events that can be used for sports gaming and entertainment or other sports competition games. The system includes a server that may be programmed to randomly select increments of historical past games in order to create a new full game formed from the randomly selected increments. This new game can be used for betting or other competitive games and for entertainment.



RETRO SPORTS SYSTEM**BACKGROUND OF THE INVENTION**Technical Field

[0001] This invention generally relates to a system for sports gaming and entertainment, and more specifically to a retro sports system for creating new sporting events with new outcomes utilizing past sporting events that can be used for sports gaming and entertainment or other sports competition games.

State of the Art

[0002] Many enjoy watching sporting events and the various uncertain outcomes that they bring. Further, many of those who enjoy sporting events also enjoy gaming and betting on the games. This is always done on games that will be held in the future, because the outcome cannot be known in order to bet or engage in any games that require some amount of chance or unknown outcome. Because of such, the ability to bet or participate in gaming activities with regard to past sporting events has not been available. There is not a system contemplated for such gaming related to past sporting events.

[0003] Accordingly, what is needed is a retro sports system for creating new sporting events with new outcomes utilizing past sporting events that can be used for sports gaming and/or other sports games. This system would be most useful when a user's favorite sport is not in season or during a time of a shutdown of sports activities or other interruptions.

SUMMARY OF THE INVENTION

[0004] An embodiment includes a retro sports system comprising: a server having a memory storing historical sports games information, including video of historical games partitioned into system-selected increments; a randomizer coupled to the server; and a user computing device coupled to the server, wherein the server is programmed to: receive and process a signal that the user computing device has accessed the system and is searching for a sports game; send, for display, on the user computing device, historical sports games information, including available historical sports games for a predetermined historical time frame; receive a historical sports game request from the user computing device and communicate with the randomizer to randomly select the increments of historical games from the historical sports games information that match the historical sports game request comprising teams playing within the predetermined historical time frame and create a new sports game from the selected increments of historical sports games from the historical sports games information stored on the server to form an entire game; and stream the new sports game to the user computing device or to another device designated by the user computing device.

[0005] The server may be programmed to receive a player request from the user computing device. The user computing device may be a mobile computing device. The mobile application may operate on the user computing device. The mobile application may comprise a betting interface. The server is programmed to receive a player request from the user computing device. The server is programmed to receive a length of new sports game request from the user computing device. The system may comprise more than one of the user computing device. The server may comprise the randomizer.

[0006] The server may be programmed to receive a player request from the user computing device. The user computing device may be a mobile computing device. A mobile application may operate on the user computing device. The mobile application may comprise a betting interface. The server may be programmed to receive a player request from the user computing device. The server may be programmed to receive a length of new sports game request from the user computing device. The system may comprise more than one of the user computing device. The server may comprise a randomizer.

[0007] The foregoing and other features and advantages of the invention will be apparent to those of ordinary skill in the art from the following more particular description of the invention and the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

[0008] A more complete understanding of the present invention may be derived by referring to the detailed description and claims when considered in connection with the Figures, wherein like reference numbers refer to similar items throughout the Figures, and:

[0009] FIG. 1 is a diagrammatic view of a retro sports system according to an embodiment;

[0010] FIG. 2 is a user interface for interaction with a retro sports system according to an embodiment;

[0011] FIG. 3 is a user interface for interaction with a retro sports system according to an embodiment;

[0012] FIG. 4 is a user interface for interaction with a retro sports system according to an embodiment;

[0013] FIG. 5A is a user interface for interaction with a retro sports system according to an embodiment;

[0014] FIG. 5B is a user interface for interaction with a retro sports system according to an embodiment;

[0015] FIG. 5C is a user interface for interaction with a retro sports system according to an embodiment;

[0016] FIG. 5D is a user interface for interaction with a retro sports system according to an embodiment;

[0017] FIG. 5E is a user interface for interaction with a retro sports system according to an embodiment;

[0018] FIG. 5F is a user interface for interaction with a retro sports system according to an embodiment;

[0019] FIG. 5G is a user interface for interaction with a retro sports system according to an embodiment;

[0020] FIG. 6 is a user interface for interaction with a retro sports system according to an embodiment;

[0021] FIG. 7 is a user interface for interaction with a retro sports system according to an embodiment;

[0022] FIG. 8 is a user interface for interaction with a retro sports system according to an embodiment;

[0023] FIG. 9A is a user interface for interaction with a retro sports system according to an embodiment;

[0024] FIG. 9B is a user interface for interaction with a retro sports system according to an embodiment;

[0025] FIG. 10 is a user interface for interaction with a retro sports system according to an embodiment;

[0026] FIG. 11A is a user interface for interaction with a retro sports system according to an embodiment;

[0027] FIG. 11B is a user interface for interaction with a retro sports system according to an embodiment;

[0028] FIG. 12 is a television utilized as a component of a retro sports system according to an embodiment; and

[0029] FIG. 13 depicts users engaged in watching a new sports game created from historical sports games information stored as part of a retro sports system according to an embodiment.

DETAILED DESCRIPTION OF EMBODIMENTS OF THE INVENTION

[0030] Embodiments of the present invention relate to a retro sports system for creating new sporting events with new outcomes utilizing increments of past sporting events that can be used for sports gaming and/or other sports games. Modern technology utilized by the system operates as a retro sports system. The system may include the use of a mobile application operating on a user computing device that may be a mobile computing device like a smartphone, a tablet, a wearable, and the like; and/or the system may operate on any type of computing device, including a TV as a downloadable application or even as a web application.

[0031] FIG. 1 depicts an embodiment of a retro sports system 10. The system 10 may include user computing devices 12 and a computer server 14, wherein each user computing device 12 is coupled to the computer server 14. This coupling may be a network connection, such as a wireless connection through an Internet connection, a Wi-Fi connection, a Bluetooth connection or the like, wherein the user computing devices 12 may communicate with and receive communication from the server 14. The user computing device 12 may be any of a desktop computer, a laptop, a tablet, a smartphone, a wearable device and the like. The server 14, in some embodiments, may be a computer server or a cloud-based infrastructure architecture.

[0032] The server 14 may include a memory storing historical sports games information. The historical sports games information may include sports games information for historical sports games for various sporting events, such as, but not limited to, basketball, football, baseball, hockey, soccer, and the like, on the professional level, collegiate level and so forth. Additionally, the server 14 may include or may be coupled to a randomizer.

[0033] A user computing device 12 and the randomizer may be coupled to the server 14, and the server 14 may be programmed to receive and process a signal that the user computing device has accessed the system and is searching for a sports game; send, for display on the user computing device or TV, historical sports games information, including available historical sports games for a predetermined historical time frame; receive a historical sports game request from the user computing device and communicate with the randomizer to randomly select the increments (one quarter of basketball) of historical games from the historical sports games information that match the historical sports game request, including the teams playing within the

predetermined historical time frame, and create a new sports game from the selected increments of historical sports games from the historical sports games information stored on the server; and stream the new sports game to the user computing device or to another device designated by the user computing device.

[0034] Referring to FIGs. 2-11B, the system 10 may then allow a user to access the system through the user computing device 12. An app operating on a user computing device, such as, but not limited to, a mobile app operating on a smart phone, may connect a user computing device with the server. The operation of the user computing device and the server may include a user interface and server operating together with the server being programmed to perform the function and send for display on the user computing device the interfaces depicted in FIGs. 2-11B.

[0035] For example, FIG. 2 depicts a user computing device with an interface showing available games from the system 10. For example, as depicted in FIG. 2, the system may display basketball games, such as professional basketball games from the National Basketball Association (NBA). These games are all past or historical games, such as, but not limited to, the 2010 Lakers v. Western Conference opponents; the 2009 Celtics v. Eastern Conference opponents; the 2005-2010 Heat v. Magic rivalry opponents; and more games may be selected. The selection of one of the games results in the system operating as described above to create a new game from random increments of the historical games during the defined time period and the opponents. FIGs. 2-5G depict the use of the system for one of these games and will be utilized as an example, and not a limitation on the operation of the system.

[0036] In operation, the system 10 may be utilized for entertainment, gaming or other sports games that may be used. FIGs. 2-5G depict the use of the system 10 for gaming and entertainment and will be used as an example. A user can select the historical games of the 2010 Lakers v. Western Conference opponents. After selecting the games, the server 14 may send for display on the user computing device 12 a betting line interface as depicted in FIG. 3.

[0037] FIG. 3 depicts the betting lines available for the game and the odds. For general understanding provided by this disclosure, it is important to understand certain information involved in gaming. Odds making is an important aspect of gaming that has not changed over

the years, wherein the ultimate goal set by the sportsbooks is to balance the action on both sides of a wager/game. In prior days, the odds were set by humans, and as time has progressed, the setting of odds has evolved into the use of computing power along with human input.

Understanding bettor behavior, mathematically managing risk, and determining the public's reaction to specific lines, all play equally large parts in the creation of odds. Computers have the ability to process more data than humans, and oddsmakers use this to their advantage to synthesize the insight of mathematicians and statisticians, making the process more quantifiable and much more precise. Odds making is predicted to eventually be automated with artificial intelligence learning algorithms reducing the human element. This gives way to further development of embodiments of this retro gaming system.

[0038] Further, with regard to FIG. 3, it is important to understand generalities about betting terms. The following are examples and are not intended to be a full explanation or recitation of all betting lines. The following are provided for explanatory examples:

- a. Sports Book: Often referred to as the “book”, it is typically an organization/casino that accepts and pays out in sports wagers.
- b. Linesmaker/Oddsmaker: The person or group of people in the Sports Book that set the lines (spread, total, moneyline, futures) for a specific game or sport. The goal for a linesmaker/odds maker is to set a game line where they receive approximately even money on both sides so that they guarantee themselves a win on that game due to the vig(orish).
- c. Spread: Also known as the “line” or “point spread,” the spread describes the number of points that the “better” team is favored to win by, or the number of points added to the score of the “worse” team for purposes of the bet. The spread may be presented in several ways: “the Patriots are favored by 14 over the lowly Browns”; “Patriots -14” or “Browns +14.” In any case, the spread is 14. The Patriots are a 14 point favorite, and the Browns are a 14 point “underdog” or “dog.” For purposes of the wager, 14 points are subtracted from the Patriots score or 14 points are added to the Browns score.

- d. Opening Line: The initial price set on a game. For example, the Cowboys opened up as 4 ½ point favorites over the Eagles on Sunday night in Week 2 following the week one games. The line may then move up or down based on the action from the betting public.
- e. Favorite: This refers to the team that is expected/projected to win the game outright. For example, the Patriots were a three-point favorite (-3) in Super Bowl 51. That means if you are wagering on the Patriots to cover, you start out the game losing 3-0. Wagering on the favorite is often referred to as “taking chalk”.
- f. Underdog: Often referred to as the dog, this is the team expected/projected to lose the game outright. The Falcons were the dog in Super Bowl 51 (+3). If you wagered on the Falcons in Super Bowl 51, you started out the game leading 3-0.
- g. Taking or laying the points: This refers to a bettor’s position on the spread. If an underdog is getting 3.5 points, you’re “taking the points” if you bet that side. If you’re “laying” 3.5 points on the favorite (think of it as giving away), you believe (or you’re hoping) that your team will win by 4 points or more.
- h. Moneyline or Straight Up: When you bet the moneyline, you don’t have to worry about the spread. You bet on a team to win, and you hit or miss according to the game’s winner and loser. The moneyline is a function based on the number 100. If a team is a big spread favorite, let’s say a touchdown, the moneyline might be -300 (minus 300), meaning you would need to wager \$300 to win \$100. Meanwhile, that team’s opponent might be +270, meaning if you bet \$100 and the underdog won, you would get \$270. In a game that’s evenly matched (a spread of “even” or “pick’em”), the moneyline on both sides will typically be -110. This means that you need to bet \$110 to win \$100, or if you bet \$100 exactly you stand to win about \$91. A game with a “pick’em” spread would not result in a +100 money line for both teams because the casino must make its “profit” somewhere. See “vig” for more details.

- i. Cover: When a “favorite” covers the spread, they’ve won by more points than they were favored by. Using the Patriots-Browns example above, if the Patriots win by 17, they have covered the 14 point spread. If they win by only 10, they have not covered the spread. When an “underdog” covers the spread, they’ve lost by fewer points than they were “given,” or won the game outright. If the Browns lose to the Patriots by 7, they have covered the spread because they lost by fewer than 14.

[0039] FIG. 3 depicts the current betting lines in accordance with the present invention. When a user selects the “bet” button, the user may then be directed to a wager interface depicted in FIG. 4, wherein the user may then enter wager amounts and the lines that the user wishes to bet on. The user may then submit his or her bet. It should be appreciated that while the betting lines are depicted for the game as a whole, the system may be operational to bet on individual quarters in addition to the entire game.

[0040] Prior to streaming, the server may determine the game by the randomizer randomly selecting the increments of historical games from the historical sports games information that match the historical sports game request, including the teams playing within the predetermined historical time frame, and create a new sports game from the selected increments of historical sports games from the historical sports games information stored on the server. In the basketball game being delivered in FIGs. 2-5G, the increments of the games are quarters of random games of the Lakers v. Western Conference opponents in the tie period of the 2010 season, which is games played during the season that begins in 2009 and ends in 2010. For example, and as depicted in FIGs. 5A, 5C, 5E and 5G, the new sports game includes, during the 2010 season, the Lakers playing the Clippers in the first quarter by randomly selecting a first quarter of one of the games between the Lakers and Clippers; the Suns in the second quarter by randomly selecting a second quarter of one of the games between the Lakers and Suns; the Spurs in the third quarter by randomly selecting a third quarter of one of the games between the Lakers and Spurs; and the Jazz in the fourth quarter by randomly selecting a fourth quarter of one of the games between the Lakers and Jazz, thereby forming the new sports game with a new, unknown outcome.

[0041] The user may then be directed to a streaming interface as shown in FIG. 5A. The streaming interface may include streaming the first quarter between the Lakers and Clippers

tracking the score as points are scored in the game. There is also a chat function allowing those that have bet, or friends, or the like, using the system 10 and viewing the retro game between Lakers and Western Conference opponents, to chat and engage with each other.

[0042] Once the first quarter is complete, the user may be directed to a betting interface as shown in FIG. 5B. This allows the user to bet further on the game with changed odds since there are only 3 quarters left. It should be appreciated that, while the betting lines are depicted for the game as a whole, the system may be operational to bet on individual quarters in addition to the entire game.

[0043] The user may then be directed to a streaming interface as shown in FIG. 5C. The streaming interface may include streaming the second quarter between the Lakers and Suns tracking the score as points are scored in the game, wherein the points scored by the teams now playing in the second quarter are added to the first quarter points to provide the current score between the teams. There is also a chat function allowing those that have bet, or friends, or the like, using the system 10 and viewing the retro game between Lakers and Western Conference opponents, to chat and engage with each other.

[0044] Once the second quarter is complete, the user may be directed to a betting interface as shown in FIG. 5D. This allows the user to bet further on the game with changed odds since there are only 2 quarters left. It should be appreciated that, while the betting lines are depicted for the game as a whole, the system may be operational to bet on individual quarters in addition to the entire game.

[0045] The user may then be directed to a streaming interface as shown in FIG. 5E. The streaming interface may include streaming the third quarter between the Lakers and Spurs, tracking the score as points are scored in the game, wherein the points scored by the teams now playing in the third quarter are added to the combined first and second quarter points to provide the current score between the teams. There is also a chat function allowing those that have bet, or friends, or the like, using the system 10 and viewing the retro game between Lakers and Western Conference opponents, to chat and engage with each other.

[0046] Once the first quarter is complete, the user may be directed to a betting interface as shown in FIG. 5F. This allows the user to bet further on the game with changed odds since there

is only 1 quarter left. It should be appreciated that, while the betting lines are depicted for the game as a whole, the system may be operational to bet on individual quarters in addition to the entire game.

[0047] The user may then be directed to a streaming interface as shown in FIG. 5G. The streaming interface may include streaming the fourth quarter between the Lakers and Jazz, tracking the score as points are scored in the game, wherein the points scored by the teams now playing in the fourth quarter are added to the combined first, second, and third quarter points to provide the current score between the teams. There is also a chat function allowing those that have bet, or friends, or the like, using the system 10 and viewing the retro game between Lakers and Western Conference opponents, to chat and engage with each other. At the end of the game, the total score is different and unique from any other historical game ever played.

[0048] With regard to FIGs. 2-5G, this is one example of how historical games can be utilized by the system 10 in order to create a unique sports game without knowing the end results. This unknown end result provided by the randomizer selecting random increments of historical games is key to providing sporting events from past sporting events in a form that is new and allows for gaming or other sports related games. While FIGs. 2-5G show use of the system, it may also be used for other sporting events, such as baseball, as shown in FIG 6, football, as shown in FIG. 7, hockey, as shown in FIG. 8, and so forth. With regard to baseball, as shown in FIG. 6, the increments may be each inning or may be a group of innings, such as 3-inning increments. With regard to football, as shown in FIG. 8, the increment may be quarters. With regard to hockey, as shown in FIG. 9, the increment may be periods. It will be understood that any type of increment may be utilized in operation of the system.

[0049] The system 10 may be used for other types of games, such as games that may be played in a friendly manner, including in bars, homes and the like, as shown in FIGs. 9A-10. For example, there may be a game for the night, such as a rivalry game between the Pistons and the Bulls during the time period of 1986-92. Players may then participate in a game that allows them to pick a winner of the overall game and the winner of each quarter. The system operates as discussed above to randomly select quarters between the Pistons and Bulls during the time period selected. The system 10 may then track those with the correct selections and display them to the users in the form of a leaderboard or the like. FIGs. 9A-9B show the use in basketball, and FIG. 10 shows the use with college football. The game may include a tie breaker, such as the

total points scored combined by the teams, as shown in FIG. 10 wherein, if there is a tie, the user with the total score entered that is closest to the actual total score is the winner and then progresses down from there. Again, the system 10 may be used for games related to various sports and various types of games, without limitation. In embodiments, the system may stream the game on a TV, as shown in FIG. 12, and allow those participating or in the room to watch the game as shown in FIG. 13.

[0050] The system 10 may also be utilized in fantasy sports. FIGs. 11A-11B depict only one way that such a fantasy sports league could operate, but many other iterations are possible utilizing the system 10. As shown in FIGs. 11A-11B, a fantasy football system may be established. For example, the system 10 may allow individuals to select a certain number of teams for a certain year period and choose a certain number of teams that the individuals think will win. For example, the fantasy league can have the user select 16 teams they think will win against randomly selected quarters from the team versus the team's conference during that year season. This is just one example of many fantasy leagues that can be formed.

[0051] The system 10 may also operate for other competitive games that may be focused on particular player performance from historical games. As an example, FIG. 14 depicts a system that allows the user to select a player, such as a baseball pitcher. In such an example, the system 10 may operate to allow a user to select a number of innings that pitcher may pitch a scoreless inning, during a selected period of time, such as the last 5 years. The system 10 may select random innings pitched by that pitcher to determine if the pitcher pitched a scoreless inning. Each inning pitched may be streamed. In some embodiments, the system 10 may be programmed to offer additional incentives to add to the original bid on the number of scoreless innings and allow a user to continue in the bidding/betting. While this embodiment shows the betting or bidding on a baseball pitcher, similar or other games may be utilized for other players and sports.

[0052] In additional embodiments, the system 10 may be used to produce a custom game, such as selecting a favorite team to display a game with random quarters for a particular individual, or even randomly selecting from the best quarters of a favorite player and streaming the new game with random increments selected by the server.

[0053] Other embodiments may include differing types of games. For example, different games of differing lengths may be selected, such as, but not limited to, a marathon baseball game of 100 innings or the like.

[0054] The system, in operation, provides many benefits that are not previously provided by existing systems. For example, and without limitation, the benefits may include:

- a. Provides fun and unpredictability to past sports events
- b. Provides entertainment opportunity (need to stay on for last unit of a certain game to know outcome) that simulates a full game
- c. Provides a wagering opportunity
- d. Provides a friendly competition opportunity
- e. Provides entertainment and excitement when sports are not available live (like during a pandemic) or when your favorite sport is not in season
- f. Provides a social platform for connecting with friends through retro games
- g. Provides a competitive opportunity to pick games in a league or fantasy pool
- h. System has integrity through random selection of sports periods
- i. System allows odds making, since historical periods for teams can be calculated against periods of selected opponents for aggregate data (example: Lakers beat their rival clippers 18 out of 24 quarters in 2018) and then point differential can also come into play
- j. System can be custom streamed because of new technology
- k. System can provide game start times for larger group play or betting handle/purse
- l. System can work for a variety of sports by breaking up increments of play and scoring

[0055] Embodiments may be available on or through the internet, such as through domain names reserved and owned by Applicant that include betinpast.com, betonhistory.com, bettintimemachine.com, bettingtimemachine.com, wybacksports.com, betwquarter.com, dejavu-bet.com, dejavu-sports.com, dejavubetter.com, dejavumachine.com, betonpastsports.com, betonthepast.com and the like.

[0056] As will be appreciated by one skilled in the art, aspects of the present invention may be embodied as a system, method, or computer program product. Accordingly, aspects of the present invention may take the form of an entirely hardware embodiment, an entirely software embodiment (including firmware, resident software, micro-code, etc.) or an embodiment combining software and hardware aspects that may all generally be referred to herein as a "circuit," "module" or "system." Furthermore, aspects of the present invention may take the form of a computer program product embodied in one or more computer readable medium(s) having computer readable program code embodied thereon.

[0057] Any combination of one or more computer readable medium(s) may be utilized. The computer readable medium may be a computer readable signal medium or a computer readable storage medium. A computer readable storage medium may be, for example, but not limited to, an electronic, magnetic, optical, electromagnetic, infrared, or semiconductor system, apparatus, or device, or any suitable combination of the foregoing. More specific examples (a non-exhaustive list) of the computer readable storage medium would include the following: an electrical connection having one or more wires, a portable computer diskette, a hard disk, a random access memory (RAM), a read-only memory (ROM), an erasable programmable read-only memory (EPROM or Flash memory), an optical fiber, a portable compact disc read-only memory (CD-ROM), an optical storage device, a magnetic storage device, or any suitable combination of the foregoing. In the context of this document, a computer readable storage medium may be any tangible medium that can contain or store a program for use by or in connection with an instruction execution system, apparatus, or device.

[0058] A computer readable signal medium may include a propagated data signal with computer readable program code embodied therein, for example, in baseband or as part of a carrier wave. Such a propagated signal may take any of a variety of forms, including, but not limited to, electro-magnetic, optical, or any suitable combination thereof. A computer readable signal medium may be any computer readable medium that is not a computer readable storage

medium and that can communicate, propagate, or transport a program for use by or in connection with an instruction execution system, apparatus, or device.

[0059] Program code embodied on a computer readable medium may be transmitted using any appropriate medium, including but not limited to wireless, wire-line, optical fiber cable, RF, etc., or any suitable combination of the foregoing.

[0060] Computer program code for carrying out operations for aspects of the present invention may be written in any combination of one or more programming languages, including an object-oriented programming language such as Java, Smalltalk, C++ or the like and conventional procedural programming languages, such as the "C" programming language or similar programming languages. The program code may execute entirely on the user's computer, partly on the user's computer, as a stand-alone software package, partly on the user's computer and partly on a remote computer or entirely on the remote computer or server. In the latter scenario, the remote computer may be connected to the user's computer through any type of network, including a local area network (LAN) or a wide area network (WAN), or the connection may be made to an external computer (for example, through the Internet using an Internet Service Provider).

[0061] Aspects of the present invention are described herein with reference to flowchart illustrations and/or block diagrams of methods, apparatus (systems) and computer program products according to embodiments of the invention. It will be understood that each block of the flowchart illustrations and/or block diagrams, and combinations of blocks in the flowchart illustrations and/or block diagrams, can be implemented by computer program instructions. These computer program instructions may be provided to a processor of a general-purpose computer, special purpose computer, or other programmable data processing apparatus to produce a machine, such that the instructions, which execute via the processor of the computer or other programmable data processing apparatus, create means for implementing the functions/acts specified in the flowchart and/or block diagram block or blocks.

[0062] These computer program instructions may also be stored in a computer readable medium that can direct a computer, other programmable data processing apparatus, or other devices to function in a particular manner, such that the instructions stored in the computer

readable medium produce an article of manufacture including instructions which implement the function/act specified in the flowchart and/or block diagram block or blocks.

[0063] The computer program instructions may also be loaded onto a computer, other programmable data processing apparatus, cloud-based infrastructure architecture, or other devices to cause a series of operational steps to be performed on the computer, other programmable apparatus or other devices to produce a computer implemented process such that the instructions which execute on the computer or other programmable apparatus provide processes for implementing the functions/acts specified in the flowchart and/or block diagram block or blocks.

[0064] The flowchart and block diagrams in the Figures illustrate the architecture, functionality, and operation of possible implementations of systems, methods and computer program products according to various embodiments of the present invention. In this regard, each block in the flowchart or block diagrams may represent a module, segment, or portion of code, which comprises one or more executable instructions for implementing the specified logical function(s). It should also be noted that, in some alternative implementations, the functions noted in the block may occur out of the order noted in the figures. For example, two blocks shown in succession may, in fact, be executed substantially concurrently, or the blocks may sometimes be executed in the reverse order, depending upon the functionality involved. It will also be noted that each block of the block diagrams and/or flowchart illustration, and combinations of blocks in the block diagrams and/or flowchart illustration, can be implemented by special purpose hardware-based systems that perform the specified functions or acts, or combinations of special purpose hardware and computer instructions.

[0065] The embodiments and examples set forth herein were presented in order to best explain the present invention and its practical application and to thereby enable those of ordinary skill in the art to make and use the invention. However, those of ordinary skill in the art will recognize that the foregoing description and examples have been presented for the purposes of illustration and example only. The description as set forth is not intended to be exhaustive or to limit the invention to the precise form disclosed. Many modifications and variations are possible in light of the teachings above without departing from the spirit and scope of the forthcoming claims.

CLAIMS

1. A retro sports system comprising:
a server having a memory storing historical sports games information, including video of historical games partitioned into system-selected increments;
a randomizer coupled to the server; and
a user computing device coupled to the server, wherein the server is programmed to:
 receive and process a signal that the user computing device has accessed the system and is searching for a sports game;
 send, for display on the user computing device, historical sports games information, comprising available historical sports games for a predetermined historical time frame;
 receive a historical sports game request from the user computing device and communicate with the randomizer to randomly select the increments of historical games from the historical sports games information that match the historical sports game request, comprising teams playing within the predetermined historical time frame, and create a new sports game from the selected increments of historical sports games from the historical sports games information stored on the server;
 create and deliver for display on the user computing device betting input items for entering a bet on the user computing device;
 receive and process a signal from the user computing device including selection of betting input items;
 stream the new sports game to the user computing device or to another device designated by the user computing device; and
 determine whether the entered betting input items are correct.
2. The system of claim 1, wherein the server is further programmed to send instruction to the user computing device to stop playing the new sports game after each of the selected increments of the new sports game.

3. The system of claim 2, wherein the server is further programmed to create and deliver for display on the user computing device additional betting input items for selection on the user computing device after each of the selected increments of the new sports game, except for the last selected increment.
4. The system of claim 3, wherein the server is further programmed to stream the next selected increments of the new sports game to the user computing device or to the other device designated by the user computing device.
5. The system of claim 4, wherein the server is further programmed to determine whether the entered betting input items and additional betting input items are correct.
6. The system of claim 5, wherein the server is further programmed to determine winnings or losses in response to determining if the betting input items and additional betting input items are correct.
7. The retro sports system of claim 1, wherein the user computing device is a mobile computing device.
8. The retro sports system of claim 1, wherein a mobile application operates on the user computing device.
9. The retro sports system of claim 8, wherein the mobile application comprises a betting interface.
10. The retro sports system of claim 1, wherein the server comprises the randomizer.
11. A retro sports system comprising:
a server having a memory storing historical sports games information, including video of historical games partitioned into system-selected increments;
a randomizer coupled to the server; and
a plurality of user computing devices coupled to the server, wherein the server is programmed to:
receive and process a signal that each of the plurality of user computing devices has accessed the system and is searching for a sports game;

send, for display on each of the plurality of user computing devices, historical sports games information, comprising available historical sports games for a predetermined historical time frame;

receive a historical sports game request from each of the plurality of user computing devices and determine each has requested the same historical sports game and communicate with the randomizer to randomly select the increments of historical games from the historical sports games information that match the historical sports game requests, comprising teams playing within the predetermined historical time frame, and create a new sports game from the selected increments of historical sports games from the historical sports games information stored on the server;

create and deliver for display on the plurality of user computing devices betting input items for entering on the user computing devices;

receive and process a signal from the plurality of user computing devices including entered betting input items;

stream the new sports game to the plurality of user computing devices; and

determine whether the entered betting input items from each of the plurality of user computing devices are correct.

12. The system of claim 11, wherein the server is further programmed to send instruction to the plurality of user computing devices to stop playing the new sports game after each of the selected increments of the new sports game.
13. The system of claim 12, wherein the server is further programmed to create and deliver for display on the plurality of user computing devices additional betting input items for entry on the user computing device after each of the selected increments of the new sports game, except for the last selected increment.
14. The system of claim 13, wherein the server is further programmed to stream the next selected increments of the new sports game to the plurality of user computing devices.

15. The system of claim 14, wherein the server is further programmed to determine whether the selected additional betting input items from each of the plurality of user computing devices are correct.
16. The system of claim 15, wherein the server is further programmed to determine winnings or losses in response to determining if the betting input items and additional betting input items are correct.
17. The retro sports system of claim 11, wherein the plurality of user computing devices are mobile computing devices.
18. The retro sports system of claim 11, wherein a mobile application operates on each of the plurality of user computing devices.
19. The retro sports system of claim 18, wherein the mobile application comprises a betting interface.
20. The retro sports system of claim 11, wherein the server comprises the randomizer.

* * * *

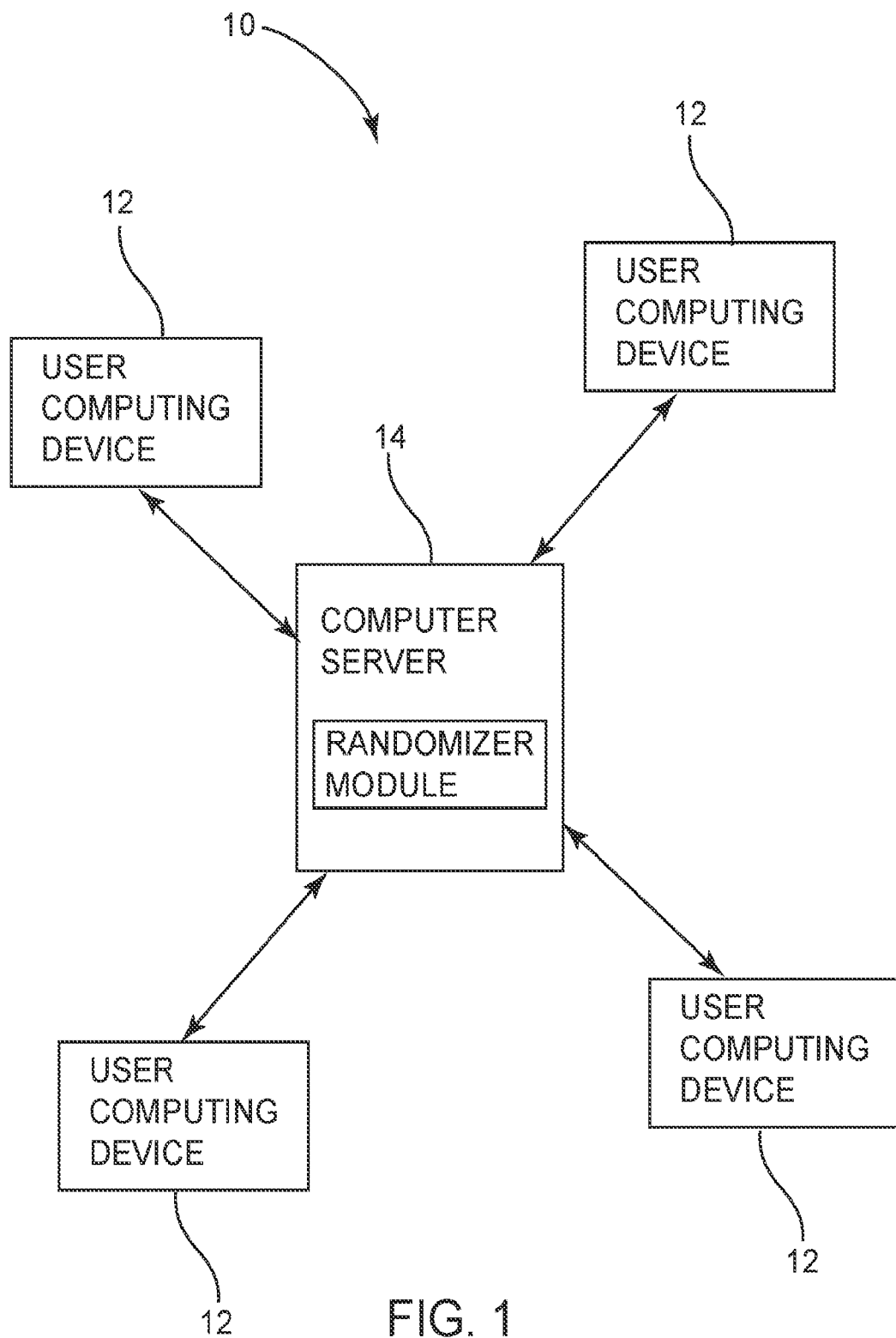


FIG. 1

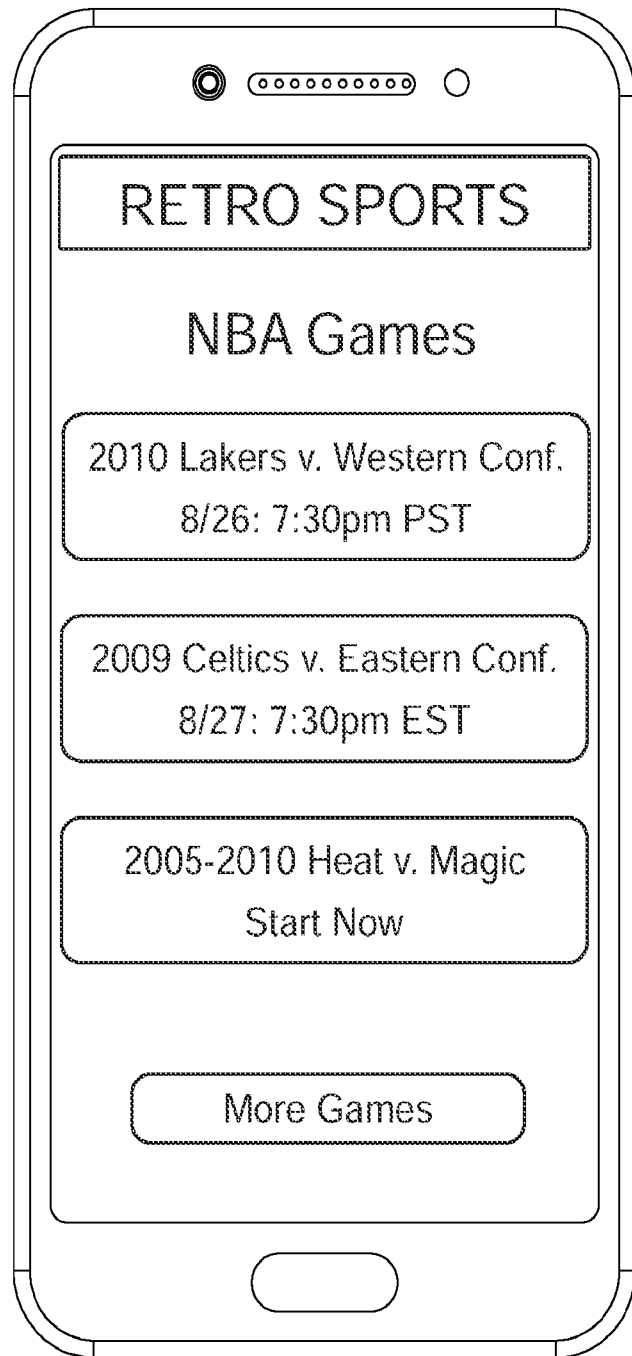


FIG. 2



FIG. 3

RETRO SPORTS

NBA Games

2010 Lakers v. Western conf.
8/26: 7:30pm PST

Bets	Lakers	West. Conf.
Line		\$100
Moneyline	\$500	

Total ☒ Over ☐ Under

Submit

FIG. 4

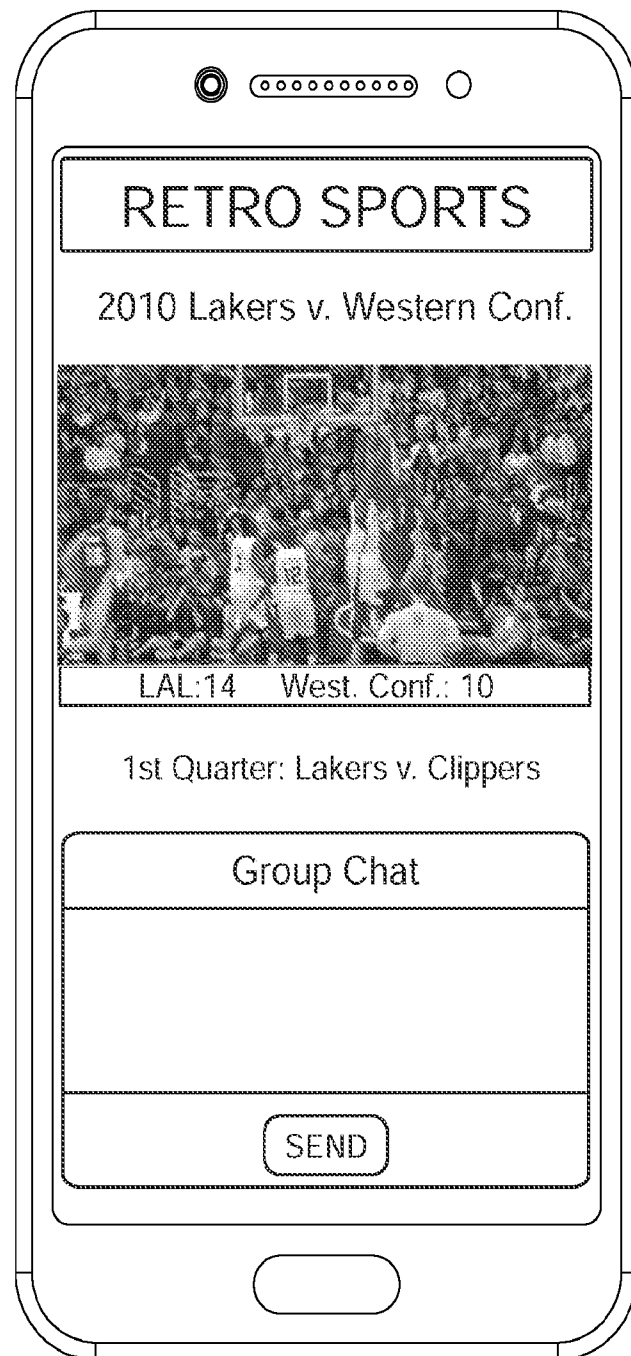


FIG. 5A



FIG. 5B

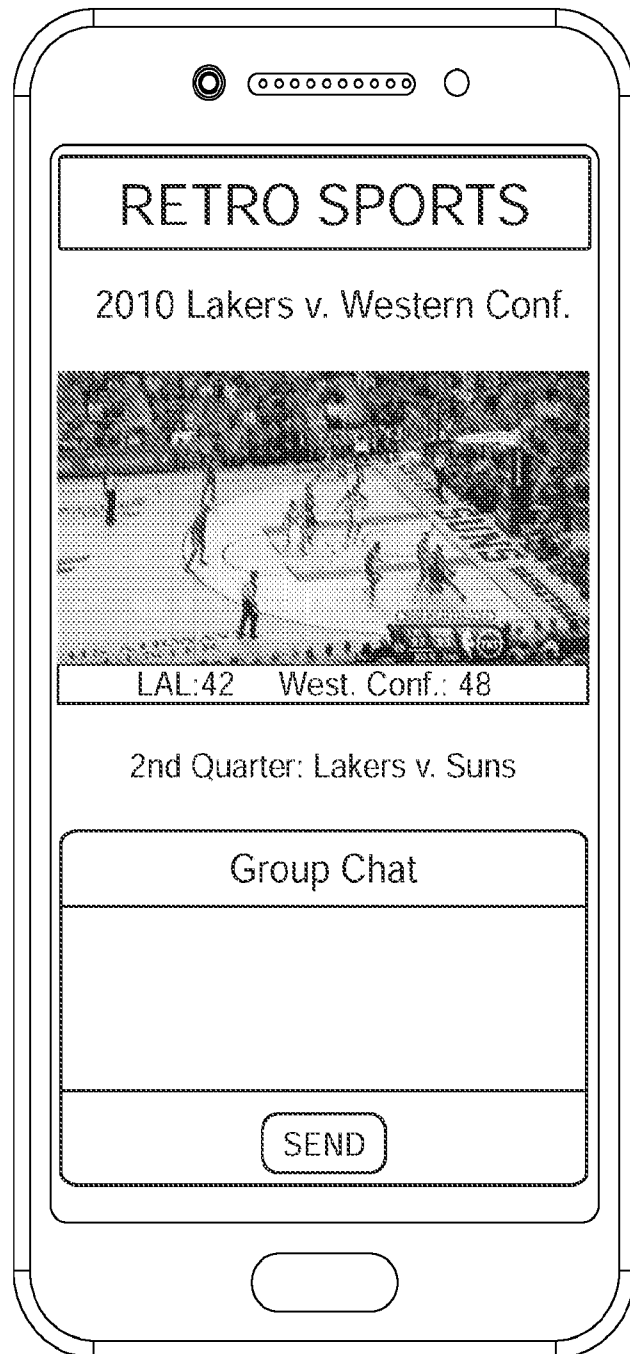


FIG. 5C



FIG. 5D

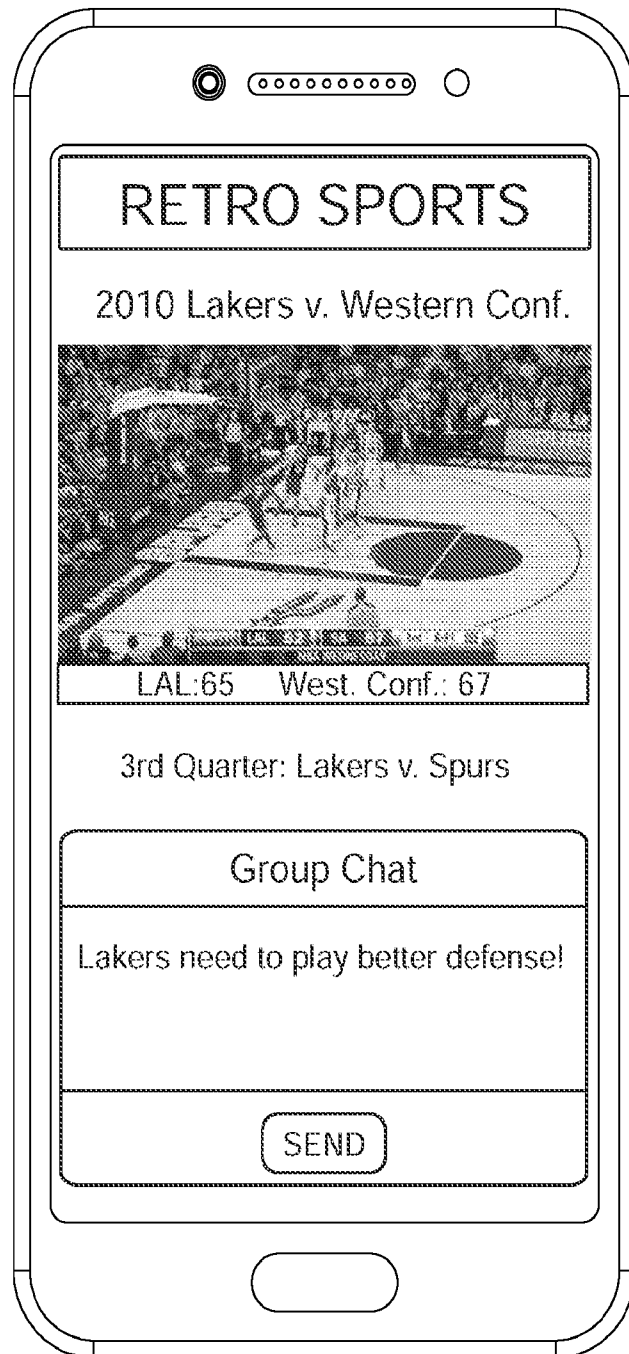


FIG. 5E



FIG. 5F

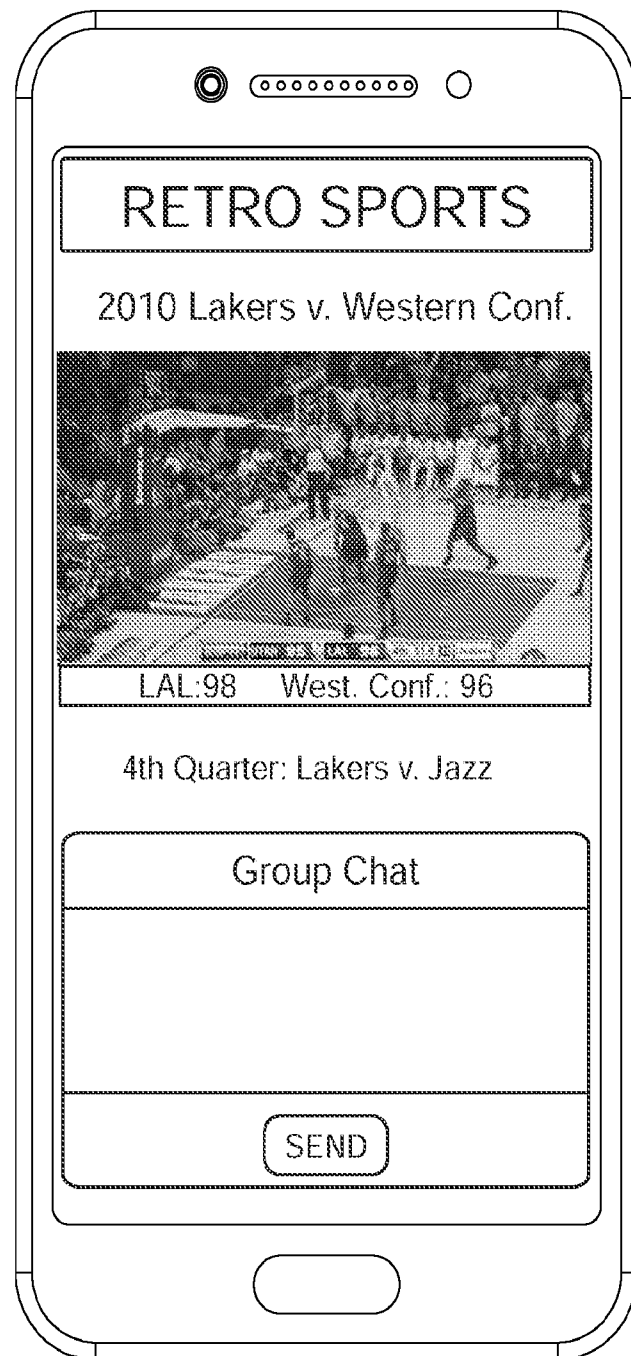


FIG. 5G

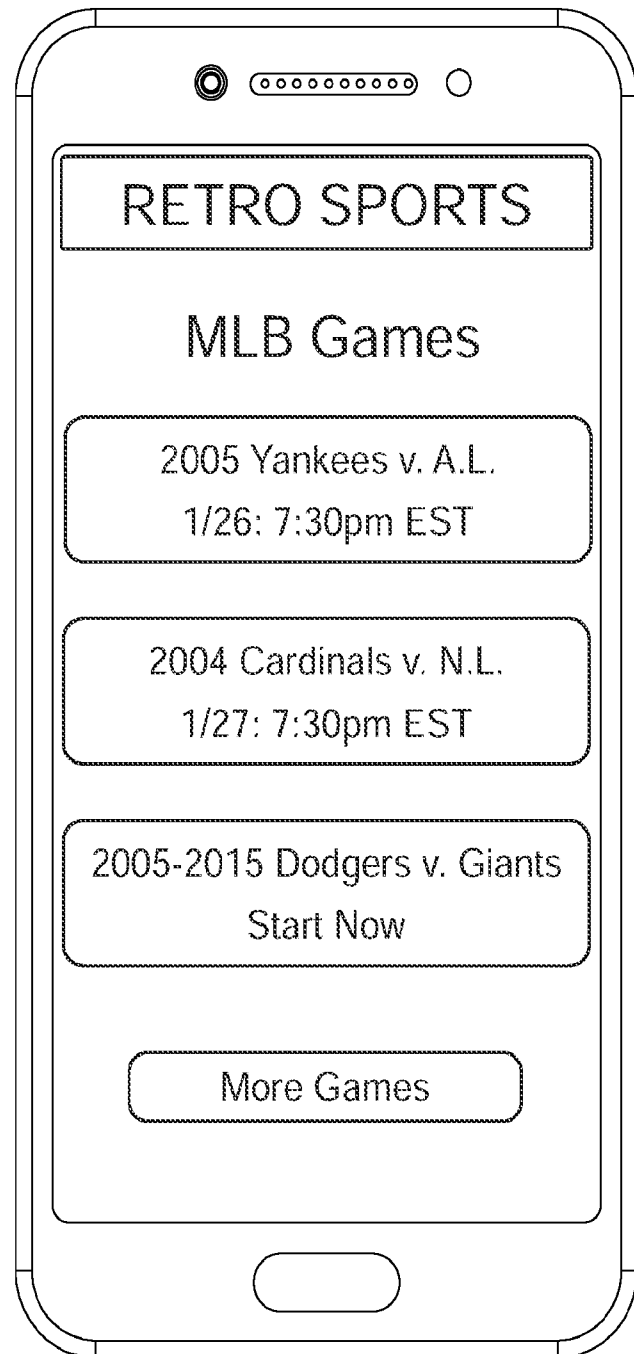


FIG. 6

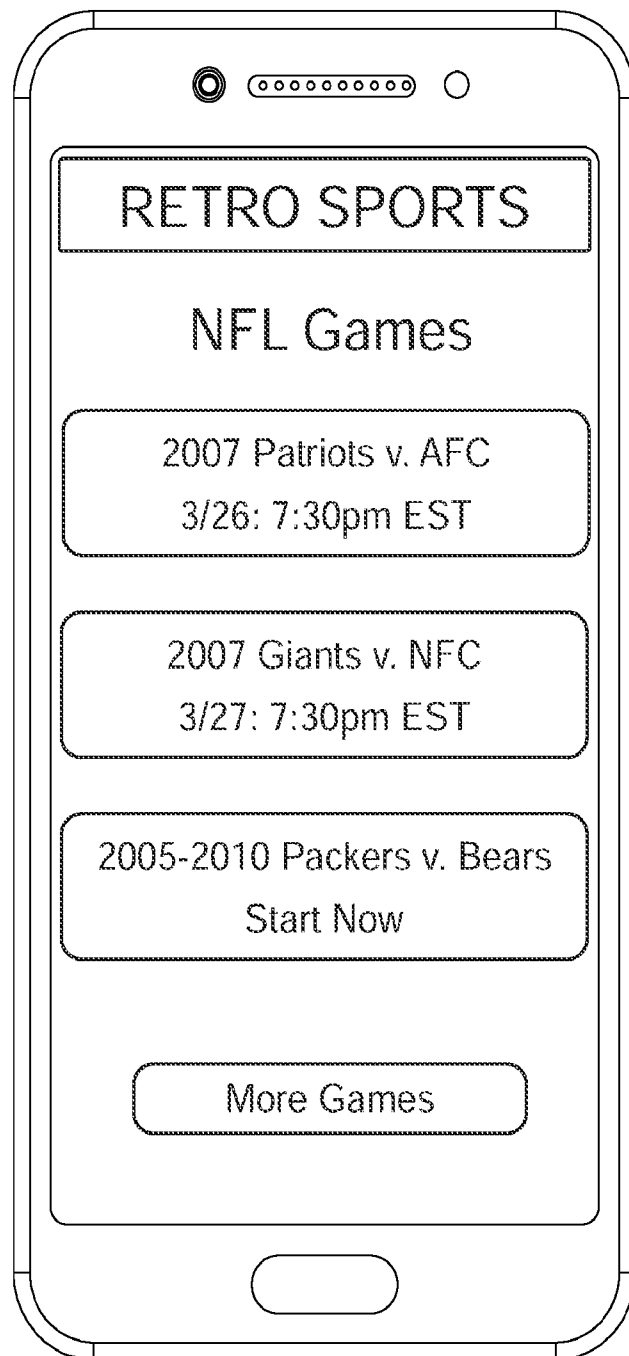


FIG. 7

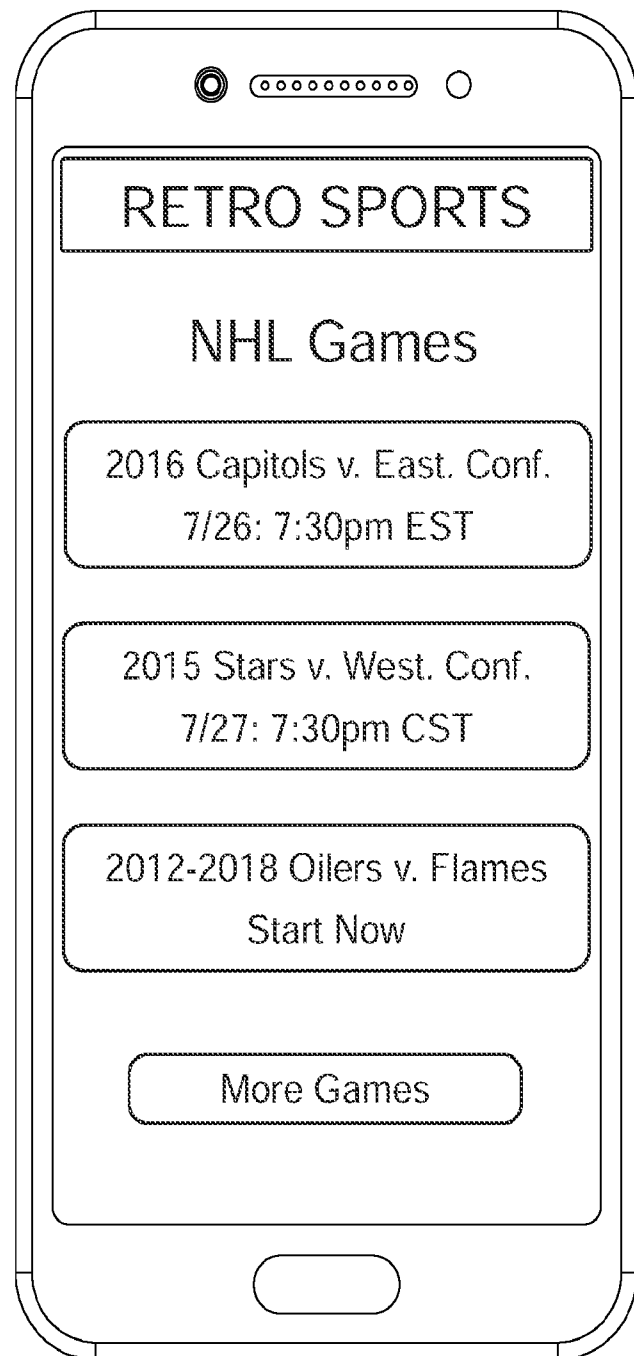


FIG. 8

RETRO GAMING

Friendly NBA
Game Night

1986-92 Pistons v. Bulls
Tonight: 8:30pm EST

Participant: Joe

Game Winner	Pistons
1Q Winner	Bulls
2Q Winner	Bulls
3Q Winner	Bulls
4Q Winner	Pistons

Submit

FIG. 9A

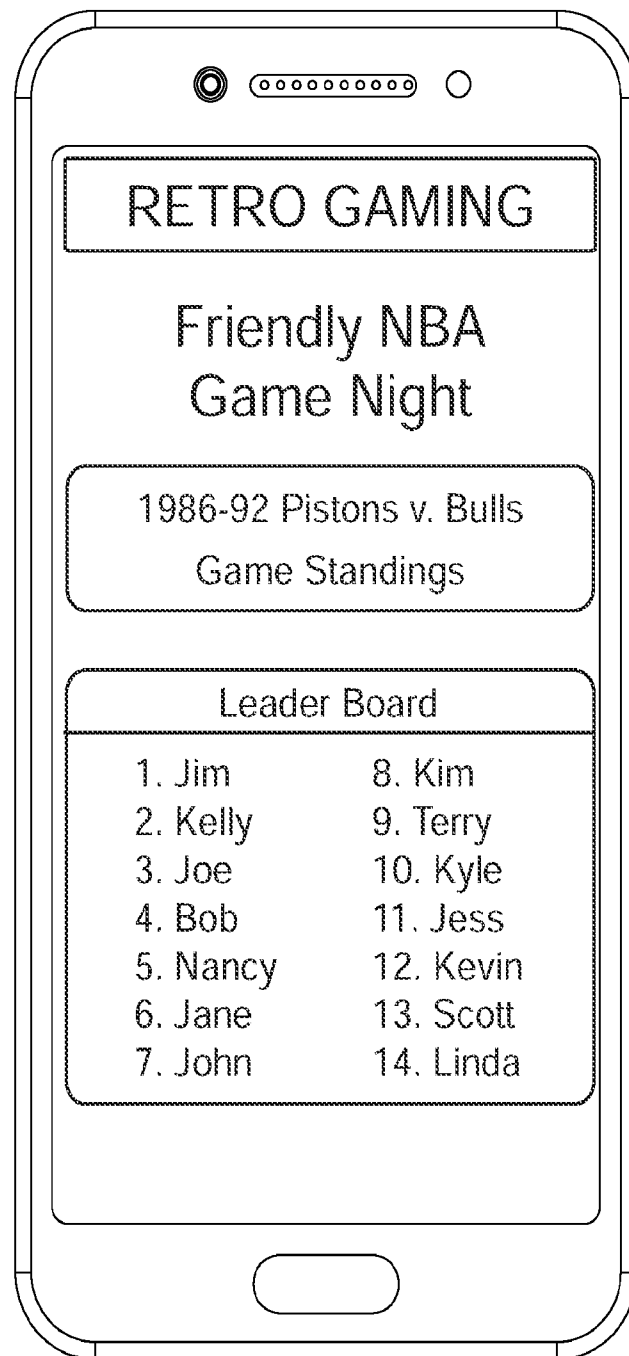


FIG. 9B

RETRO SPORTS

College
Game Night

1995-2015
State v. Tech
Tonight: 8:30pm EST

Participant: Sue

Game Winner	Tech
1Q Winner	Tech
2Q Winner	State
3Q Winner	State
4Q Winner	Tech
Tot. Score	80

Submit

FIG. 10



FIG. 11A



FIG. 11B

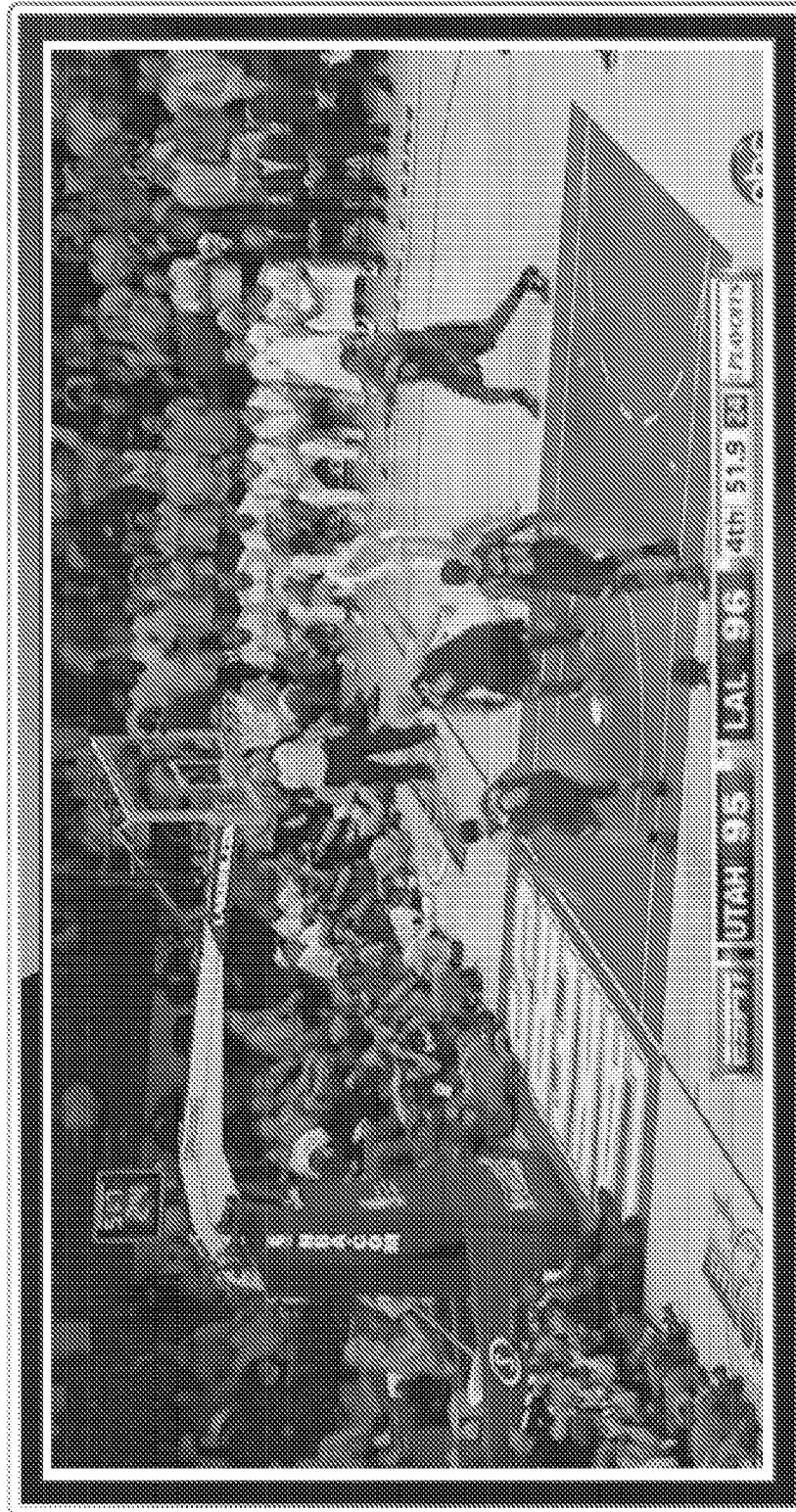


FIG. 12



FIG. 13

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 21/26964

A. CLASSIFICATION OF SUBJECT MATTER

IPC - A63F 9/24 (2021.01)

CPC - A63F 13/10, A63F 2300/206, G07F 17/32, A63F 13/12, A63F 2300/636, G07F 17/3244, G07F 17/3267, G07F 17/3262, G07F 17/34, A63F 2300/407, A63F 2300/50, G07F 17/323

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

See Search History document

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

See Search History document

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

See Search History document

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2018/0071638 A1 (Wagschal) 15 March 2018 (15.03.2018) entire document (especially para [0007], [0008], [0028], [0029], [0046], [0078], [0083], [0084], [0092]).	1-20
A	US 2018/0353861 A1 (CFPH, LLC) 13 December 2018 (13.12.2018) entire document (especially para [0012], [0016], [0025], [0045], [0051], [0060], [0099], [0264]).	1-20
A	US 2011/0028195 A1 (Pennington et al.) 03 February 2011 (03.02.2011) entire document (especially Abstract & para [0004], [0015], [0046]).	1-20
P, A	US 2020/0334954 A1 (IGT) 22 October 2020 (22.10.2020) entire document.	1-20

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

07 June 2021 (07.06.2021)

Date of mailing of the international search report

JUL 16 2021

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US, Commissioner for Patents

P.O. Box 1450, Alexandria, Virginia 22313-1450

Facsimile No. 571-273-8300

Authorized officer

Kari Rodriguez

Telephone No. PCT Helpdesk: 571-272-4300