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Application Number	New U.S. Application
Filing Date	July 20, 2016
First Named Inventor	Yousuf Chowdhary
Title	SYSTEMS AND METHODS FOR CAPTURE AND USE OF LOCAL ELEMENTS IN GAMEPLAY
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	0033632-00019

SIGNATURE of Applicant or Patent Practitioner

Signature	/Frank A. Bruno/	Date (Optional)	July 20, 2016
Name	Frank A. Bruno	Registration Number	46,583
Title (if Applicant is a juristic entity)			
Applicant Name (if Applicant is a juristic entity)			

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☑ *Total of 2 forms are submitted.

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IPR2025-01273, IPR2025-01274
IPR2025-01275, IPR2025-01276

PTO/SB/80 (11-05)
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2343127 Ontario Inc.
67 Yonge Street, Suite 1600
Toronto, Ontario, Canada M5E 1J8

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The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	18th June 2013
Name	Irving Ho	Telephone	
Title	VP Finance		

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Electronic Patent Application Fee Transmittal

Application Number:	
Filing Date:	
Title of Invention:	SYSTEMS AND METHODS FOR CAPTURE AND USE OF LOCAL ELEMENTS IN GAMEPLAY
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Filer:	Frank Anthony Bruno/Janice Rosier
Attorney Docket Number:	0033632-00019

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Utility filing Fee (Electronic filing)	4011	1	70	70
Utility Search Fee	2111	1	300	300
Utility Examination Fee	2311	1	360	360
Pages:				
Claims:				
Claims in excess of 20	2202	9	40	360
Miscellaneous-Filing:				
Petition:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
		Total in USD ($)		**1090**

Electronic Acknowledgement Receipt

EFS ID:	26409110
Application Number:	15215406
International Application Number:	
Confirmation Number:	4322
Title of Invention:	SYSTEMS AND METHODS FOR CAPTURE AND USE OF LOCAL ELEMENTS IN GAMEPLAY
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Customer Number:	112301
Filer:	Frank Anthony Bruno/Janice Rosier
Filer Authorized By:	Frank Anthony Bruno
Attorney Docket Number:	0033632-00019
Receipt Date:	20-JUL-2016
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Application Type:	Utility under 35 USC 111(a)

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Payment Type	Deposit Account
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RAM confirmation Number	5232
Deposit Account	506044
Authorized User	BRUNO, FRANK

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		0033632-00019_Specification.pdf	176418 5ae49a24ec6b7e9e0ef37611163e71fd46ebd3f9	yes	33

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Specification	1	29
	Claims	30	32
	Abstract	33	33

Warnings:					
Information:					
2	Drawings-only black and white line drawings	0033632-00019_Drawings.pdf	196173 11bac49358f057ea2bddd70069deea35c48a6ca2	no	4
Warnings:					
Information:					
3	Application Data Sheet	0033632-00019_ADS.pdf	1823417 79ec5c5332bd6319219dc4a2e872e30174cb0489	no	9
Warnings:					
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4	Oath or Declaration filed	0033632-00019_Copy_of_Decl_of_parent_appln_US14084113.pdf	621115 ddb4d99f248fa6608f6b4b1d1b1bd76f24c6d7d2	no	3
Warnings:					
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5	Power of Attorney	0033632-00019_Transmittal_for_POA.pdf	157208 28981e43016b0f63fab4d5254562b1332cf49f3b	no	1

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6	Power of Attorney	0033632-00019_Executed_POA.pdf	243089 746b9d98dd8d25769b174194efeb549a548f834c	no	1
Warnings:					
Information:					
7	Fee Worksheet (SB06)	fee-info.pdf	36968 930eac277970e6651770b72b8f44fa727d4e9b38	no	2
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SYSTEMS AND METHODS FOR CAPTURE AND USE OF LOCAL ELEMENTS IN GAMEPLAY

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application is a continuation of U.S. Application No. 14/084,113, filed November 19, 2013, which claims priority to U.S. Provisional Application No. 61/796,715, filed November 19, 2012, which is incorporated herein by reference in its entirety.

FIELD OF INVENTION

[0002] The present invention is related to video game applications in general and video game applications for the capture and use of local elements to impact gameplay in particular.

BACKGROUND

[0003] A virtual world is a computer simulated environment. A virtual world may resemble the real world, with real world rules such as physical rules of gravity, geography, topography, and locomotion. A virtual world may also incorporate rules for social and economic interactions between virtual characters. Player (users) may be represented as avatars, two or three-dimensional graphical representations. Virtual worlds may be used for massively multiple online role-playing games, for social or business networking, or for participation in imaginary social universes.

[0004] Prior art virtual worlds have storylines that are either static or branch in a rather predictable fashion. Prior art methods for a branching storyline are well known in the industry, where the outcome of one encounter defines the starting point of the next. Such virtual worlds have a set number of possible branches and a player's skills, interaction with other players and non-player characters (NPCs) aids in the creation of variety and new possibilities. Mostly, the

storyline is also dependent on the virtual character (Player Character) that a player chooses to engage in the gameplay of the virtual world.

[0005] These existing virtual worlds lack the ability to take the player's location and its various local elements into account for meaningful impact on gameplay. By overcoming these limitations, the present invention allows for a richer and more unique gameplay experience for each player.

SUMMARY OF THE INVENTION

[0006] A player's real world location may have a significant meaning for the player, and thus an emotional bond may already exist. By exploiting this emotional bond and making the storyline of a virtual world dependent on the local elements a more interesting and meaningful experience can be provided. Thus a player may be willing to spend more time engaging with a virtual world when the virtual world's storyline is impacted by the changing local elements. Likewise, a player may enjoy the option to choose a real world location and interact with a virtual world impacted by local elements of that chosen location.

[0007] This application describes systems and methods whereby the storyline of a virtual world may change based on the real world local elements of a particular location. Thus changes to the real world local elements may influence the gameplay of a virtual world. Local elements may include but are not limited to weather e.g. storms, hurricanes; social and political environments like political and social unrest, protest, peaceful rallies, marathon runs, local festivals, stock market ups / downs and crashes, elections whether local, state or nation level, local robberies, crime and heists, mafia and related incidents, traffic congestion, accidents, construction, construction related delays etc. derived from the location.

[0008] In one embodiment of the invention there may be virtual characters associated with each of the changing local elements. For example as a result of political and social unrest in

the real world, an element of chaos may be introduced (e.g. bringing hordes of NPCs into the virtual world to reflect real life). Thus there may be predefined scripts incorporated in the virtual world, each script may be associated with a different local element, and upon encountering such a local element the relevant script is called into play impacting the storyline of the virtual world.

[0009] In one single-player embodiment the virtual characters that are available to the player are dependent on the local elements of the location of the player. In another multi-player embodiment the location of each player then introduces virtual characters associated with the local elements of these real world locations. Thus depending on who is playing from where, the storyline keeps changing, since the combination of virtual characters changes based on the real world local elements of the location of the players.

[0010] In one embodiment of the invention, the items and loot that the players may come across, monsters and enemies that they may fight, traps and puzzles that they may have to overcome may vary based on the changing local elements of real world location(s).

[0011] The term "storyline" may include, but is not necessarily limited to, the aesthetics, virtual characters that are available, plot, set of plot nodes, scene, settings etc. and may change individually or in combination with the location of the player. Storylines can change, evolve, branch or morph based on the changes in the local elements. Alternate settings may be applied, alternate levels may be offered for gameplay based on these changes.

[0012] Using the methods and systems disclosed in this application the local elements of the real world, location(s) become a vital factor impacting the storyline of the virtual world. This provides for a richer gaming experience and increases player engagement while making the gameplay of the virtual world more unique for each player.

[0013] According to a first aspect of the invention, a computer-implemented method is provided for enabling virtual gameplay on a computing device in communication with a storage

means. Access is provided to at least one video game in which a player is able to interact with the video game according to a storyline. A player location is detected or input at the computing device and the location is stored on the storage means. A local element is retrieved from a database using the computing device based on the player location. The local element is correlated to a local element script actuatable in the video game. The computing device is used to retrieve and actuate the local element script in the video game, such that the local element script supplements or replaces the storyline.

[0014] A second or subsequent location may be detected in the course of gameplay. In this case, a second or further local element script may be retrieved that is related to the second or subsequent location and its local element.

[0015] The correlating of the local element preferably takes account of an operating context within the game. Operating context refers to internal and/or external factors impacting a particular system, device, application, business, organization etc. For example, operating context for an application is the external environment that influences its operation. For a mobile application, the operating context may be defined by the hardware and software environment in the device, the target user, and other constraints imposed by various other stakeholders. In the case of the present invention, operating context may have a bearing on, for example, the selection of the local element for the detected location (e.g. selecting a kid-appropriate local element to be introduced in a game for kids).

[0016] Preferably, the video game includes at least one virtual character. The local element script may be used to modify the virtual character's appearance, facial or body expression or health. Or it may be used to modify the tools, weapons, equipment or clothing of the virtual character. It may be used to modify character statistics of a virtual character. For example, the local element may be used to determine an overall mood or tension of a location.

In this case, the local element script may be used to modify character statistics representing mood or aggression in the virtual character.

[0017] Preferably, the storyline comprises one or a combination of plot, plot nodes, character interactions, encounters, scene, setting, aesthetics, levels, premise, or theme. The local element script may be used to specifically modify the scene or setting of the storyline. In one example, the local element script may be used to modify or introduce non-player characters, game monsters, enemies, traps or puzzles corresponding to the local element.

[0018] The local element may include one or a combination of local events, local indicators, and local celebrities or news figures.

[0019] The local element may be a local news item. The local element script may be used to modify the storyline to reflect that news item. For example, if the news item refers to a crowd of people, the local element script may introduce a crowd of non-player characters into the storyline.

[0020] The local element may be a weather, social, political, economic, stock market, demographic, traffic, crime, or construction indicator relevant to the location. The local element script may be used to modify the storyline to reflect that indicator.

[0021] The local element may be a local celebrity or news figure, in which case, the local element script may modify the storyline to introduce a non-player character representing that local celebrity or news figure.

[0022] The local element may include a keyword extracted from a news stream of local news items. This can be used, generically or specifically, to match to a profile and a specific script to modify gameplay.

[0023] The location may be re-detected at intervals, and in the event of a change in the location, a virtual character is shown moving to a new scene in the storyline.

[0024] If a null location is detected or the detected location is unsupported, a default or random storyline may be provided. Or, a player may be asked to input or select a location. An approximate match can also be used.

[0025] Preferably, the storage means is provided by one or a combination of: a local fixed memory, a local removable memory, a remote fixed memory, a remote removable memory, and a virtual memory. The storage means may be selected from the group consisting of: a local data storage of a game console, a local inbuilt memory, a user provided memory, an online server, and a shared folder on a network.

[0026] Preferably, the detecting step includes retrieving player location from a sensor. In one embodiment, the player is enabled to play the game using a game device, and the player location may be detected by an on-board sensor on the game device (e.g. a mobile device).

[0027] Preferably, the detecting step includes retrieving player location from one or a combination of GPS, A-GPS, WiFi, IP address, account or billing address, and player provided location information. The player provided location information may be a fantasy location.

[0028] The detecting step may further include retrieving at least one map from a map database in response to the detected location.

[0029] The location may be detected at login or during gameplay.

BRIEF DESCRIPTION OF THE FIGURES

[0030] Figure 1 is a flow diagram illustrating the primary steps of the method, according to a preferred embodiment.

[0031] Figure 2 is a flow diagram representing an example of filtering a news stream to impact storyline of gameplay.

[0032] Figure 3 is a flow diagram representing an example of ongoing location detection to impact storyline based on changed local elements.

[0033] Figure 4 is a conceptual diagram illustrating the interplay between multiple local elements and aspects of the storyline in a virtual world.

DETAILED DESCRIPTION

[0034] Methods and arrangements of changing storyline for gaming applications and virtual worlds based on local elements are disclosed in this application.

[0035] Before embodiments of the invention are explained in detail, it is to be understood that the invention is not limited in its application to the details of the examples set forth in the following descriptions or illustrated drawings. The invention is capable of other embodiments and of being practiced or carried out for a variety of applications and in various ways. Also, it is to be understood that the phraseology and terminology used herein is for the purpose of description and should not be regarded as limiting.

[0036] Before embodiments of the software modules or flow charts are described in detail, it should be noted that the invention is not limited to any particular software language described or implied in the figures and that a variety of alternative software languages may be used for implementation of the invention.

[0037] It should also be understood that many components and items are illustrated and described as if they were hardware elements, as is common practice within the art. However, one of ordinary skill in the art, and based on a reading of this detailed description, would

understand that, in at least one embodiment, the components comprised in the method and tool are actually implemented in software.

[0038] As will be appreciated by one skilled in the art, the present invention may be embodied as a system, method or computer program product. Accordingly, 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, the present invention may take the form of a computer program product embodied in any tangible medium of expression having computer usable program code embodied in the medium.

[0039] Computer program code for carrying out operations 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 or mobile device like a Smartphone, tablet e.g. iPad 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).

[0040] A "virtual world" as used herein need not be a "game" in the traditional sense of a competition in which a winner and/or loser is determined, but rather that the term "game" incorporates the idea of a virtual world. Moreover, a person or entity who enters the virtual

world in order to conduct business, tour the virtual world, or simply interact with others or the virtual environment, with or without competing against another person or entity is still considered to be "playing a game" or engaging in the gameplay of the game.

[0041] Virtual worlds can exist on game consoles for example Microsoft Xbox, and Sony Playstation, Nintendo Wii, etc., or on online servers, or on mobile devices (e.g. an iPhone or an iPad), Smartphones, portable game consoles like the Nintendo 3DS, or on a PC (personal computer) running MS Windows, or MacOS, Android, Ubuntu, Linux or another operating system. This list is not exhaustive but is exemplary of devices or computing environments where virtual worlds can exist, many other variations are available and known to persons skilled in the art.

[0042] A computer or a game console that enables a user to engage with a virtual world, including a memory for storing a control program and data, and a processor (CPU) for executing the control program and for managing the data, which includes user data resident in the memory including a set of gameplay statistics. The computer, or a game console, may be coupled to a video display such as a television, monitor, or other type of visual display while other devices may have it incorporated in them (iPad). A game or other simulations may be stored on a storage media such as a DVD, a CD, flash memory, USB memory or other type of memory media. The storage media can be inserted to the console where it is read. The console can then read program instructions stored on the storage media and present a game interface to the user.

[0043] Typically, a user or a player manipulates a game controller to generate commands to control and interact with the virtual world. The game controller may include conventional controls, for example, control input devices such as joysticks, buttons and the like. Using the controller a user can interact with the game, such as by using buttons, joysticks, and movements of the controller and the like. This interaction or command may be detected and captured in the

game console. The user's inputs can be saved, along with the game data to record the game play. In one embodiment, the gameplay data can include usage statistics captured to record the user's experience as they progress from one level of the game to the next.

[0044] The term "player" is intended to describe any entity that accesses the virtual world, regardless of whether or not the player intends to or is capable of competing against other players. Typically, a player will register an account with the game console within a peer-to-peer game and may choose from a list or create virtual characters that can interact with other virtual characters of the virtual world.

[0045] The term "engage in gameplay" generally implies playing a game whether it is for the purpose of competing, beating, or engaging with other players. It also means to enter a virtual world in order to conduct business, tour a virtual world, or simply interact with others or a virtual environment, with or without competing against another entity.

[0046] A "virtual character" may include a persona created by a player or chosen from a list in the virtual world. Typically virtual characters are modeled after the humans whether living or fantasy (e.g. characters from mythology).

[0047] A virtual character is represented by one or more gameplay statistics, which encapsulate some meaning to connect the virtual (and digital) reality of the game to the real world. Many of these statistics are not apparent to the user as such, but are instead encoded within the framework of the game or composed together to form a script. In role-playing games (RPGs) and similar games, these statistics may be explicitly exposed to the user through a special interface, often with added meaning which provides context for the user's actions.

[0048] In virtual worlds (video / computer games) a non-player character (NPC) is a virtual character that is controlled by the program and not a player. NPC may also refer to other entities not under the direct control of players. NPC behavior in a virtual world may be scripted

and automatic. The scripted and automatic behavior of NPCs may change with the changing local elements thus in turn impacting the storyline of the virtual world.

[0049] A "player character" or "playable character" (PC) is a virtual character in a virtual world that is controlled or controllable by a player. A player character is a persona of the player who controls it. In some cases a virtual world has only one player character and in other cases there may be a small number of player characters from which a player may pick a certain virtual character that may suit his or her style of gameplay, while in other scenarios there may be a large number of customizable player characters available from which a player may choose a virtual character of their liking. An avatar - may include the physical embodiment of a virtual character in the virtual world.

[0050] For the purpose of this application the term "story" may mean storyline, plot nodes, virtual character(s), set of virtual characters or character interaction, encounters, settings, aesthetics, levels, premise or theme amongst other things. The intent is to cover all such areas that may be impacted by the location of the player, and are known to persons skilled in the art. Some of these terms are explained in more detail below.

[0051] **Plot**

[0052] A "plot" defines the events a story comprises, particularly as they relate to one another in a pattern, a sequence, through cause and effect, or by coincidence. A well thought through plot with many different patterns of events results in a more engaging and interesting game. A plot may have a beginning, a middle, and an end, and the events of the plot may causally relate to one another as being either dependant or probable. A plot may also refer to the storyline or the way a game progresses. Similarly a storyline may refer to a plot or a subplot of a virtual world. Thus for the purpose of this application the terms plot and storyline may be used interchangeably.

[0053] **Plot Node**

[0054] In a virtual world a "plot node" may be defined as a forking point in the storyline where the plot of the story can diverge based on the decisions a player makes, or the location of the player.

[0055] **Plotline - Set of Plot Nodes**

[0056] "Plotline" can be considered a certain sequence of interconnected plot nodes, while a set of plot nodes may or may not be interconnected. A plotline may be integral to the main storyline or may be complimentary and thus provide extra possibilities in terms of virtual character interaction and specific scenarios. Thus there may be a certain association between a certain local element and a plotline or a certain set of plot nodes. Therefore when a player from a certain location with certain local element(s) joins the gameplay, the plotline or set of plot nodes associated with this local element(s) may become incorporated into the gameplay.

[0057] **Encounters**

[0058] In a virtual world an "encounter" may be defined as a meeting between two or more virtual characters or may be thought of as a decision point at which a player encounters an opposing element (e.g. an enemy). An encounter may be player initiated (actively engaging in fighting an enemy) or unwanted by the player. A player may opt to avoid an encounter or may actively engage in them to move to the next level of the virtual world. The outcome of the encounters may at times define how the rest of the game progresses.

[0059] A "random encounter" is a feature commonly used in various role-playing games (RPGs) whereby an encounter with a non-player character (NPC), an enemy, a monster, or a dangerous situation occurs sporadically and at random. Random encounters are generally used to simulate the challenges associated with being in a hazardous environment, such as a monster-

infested wilderness or dungeon usually with an uncertain frequency of occurrence to simulate a chaotic nature.

[0060] Premise

[0061] The "premise" of a game or concept statement is a short, direct description of the situation of a game and describes the fundamental concept that drives the plot. The premise determines the primary goals of the virtual characters of a virtual world, the opposition to these goals and typically may define the means and the path that these virtual characters may take in achieving those goals. The primary objective is usually sought by both the protagonist (hero) and the antagonist (villain) but may only be achieved by one of them.

[0062] Theme

[0063] A "theme" is the main idea, moral, or message, of a game. It is typically the common thread or oft repeated idea that is incorporated throughout a game. Examples of themes in games: espionage-themed role-playing game, martial arts–themed iPod based game, single-player horror-themed PC adventure game, fantasy-themed role-playing game, science fiction themed computer game, adult-themed video game, a horror-themed FPS (first person shooter) video game, futuristic-themed competitive fighting game, paranormal investigation -themed role-playing game etc.

[0064] Settings

[0065] "Settings" in the virtual world control multiple areas of the virtual world (game). Settings may be changed by a player or may be impacted by the local elements of the location of a player.

[0066] **Levels**

[0067] A "level" in the virtual world (video game) terminology refers to a discrete subdivision of the virtual world. Typically a players begins at the lowest level (level 1), and proceeds through increasingly numbered levels, usually of increasing difficulty, until they reach the top level to finish the game. In some games levels may refer to specific areas of a larger virtual world, while in other games it may refer to interconnected levels, representing different locations within the virtual world.

[0068] **Statistics (Stat)**

[0069] A "statistic" (stat) in role-playing games (RPG) is a datum which represents a particular aspect of a virtual character. Most virtual worlds separate statistics into several categories. The set of categories actually used in a game system, as well as the precise statistics within each category may vary greatly from one virtual world to another. Many virtual worlds also use derived statistics whose values depend on other statistics, which are known as primary or basic statistics. Derived statistics often represent a single capability of the character such as the weight a character can lift, or the speed at which they can move. Derived statistics are often used during combat, can be unitless numbers, or may use real-world units of measurement such as kilograms or meters per second.

[0070] A virtual character's statistics affects how it behaves in a virtual world. For example, a well-built muscular virtual character may be more powerful and be able to throw certain virtual objects farther, but at the same time may lack dexterity when maneuvering intricate virtual objects. A virtual character may have any combination of statistics, but these statistics may be limited by either a hard counter, soft counter or a combination of both.

[0071] Most devices where virtual worlds exist provide a mechanism to save the state of the game, so that the game can be played from the same point where it was left off. Methods for saving the state of the game include but are not limited to the examples cited here, for example a gaming console may provide internal memory chips, or a port where a user can connect user supplied memory; while games played over the Internet may provide online memory. The aforementioned memory space can also be used for saving the different components of the storyline that are affected by the change in the real world location of the player to enhance the gameplay experience.

[0072] **Script**

[0073] A "script" defines the default behavior of a virtual character. Just as with statistics, different scripts can refer to different behaviors for the same virtual character.

[0074] Figure 1 is a flow diagram illustrating the primary steps of the method, according to a preferred embodiment. A system is provided with a virtual world **101**. The virtual world may be a single player game or a multiplayer game or a MMORPG (Massively Multiplayer Online Role Playing Game) and may exist on any type of a gaming device which may include but not limited to an iPhone, iPad, Smartphones, Android phones, personal computers e.g. laptops, gaming consoles like Nintendo Wii, Nintendo DS, Sony PlayStation, Microsoft Xbox 360, and online server based games etc.

[0075] The computer program comprises: a computer usable medium having computer usable program code, the computer usable program code comprises: computer usable program code for enabling change in storyline based on the real world location of a player, computer usable program code for presenting graphically to the player the different options available to modify and personalize different aspects of the virtual world including but not limited to settings.

[0076] The player engages in gameplay of the virtual world **102**. As mentioned earlier, the term "engage in gameplay" generally implies playing a game whether it is for the purpose of competing, beating, or engaging with other players. It also means to enter a virtual world in order to conduct business, tour a virtual world, or simply interact with others or a virtual environment, with or without competing against another entity.

[0077] The player location is determined and information is gathered about local elements relevant to that location **103**. As technology advances, more and more miniaturized electronic components become cost effective to be mass produced and included in all sorts of devices. Today many types of mobile devices e.g. Smartphones like iPhone include a built-in GPS sensor, have data coverage via mobile cellular network or WiFi, and are widely used for engaging in the gameplay of virtual worlds. Thus determining the player location is a well known method in the art. There may be other methods, well known in the art, to determine the player location, e.g. using the Wireless Assisted GPS (A-GPS), WiFi network, using IP address, player provided information, using billing address zip/area code, etc.

[0078] Similarly digital maps have become readily available e.g. Google Maps, Microsoft Bing Maps, etc. and once the GPS co-ordinates have been received from the GPS sensor can be used for identifying the location/geographic landscape and acquiring other information e.g. demographics of the location. Similarly weather information and local news are also readily available over the Internet. These news streams may be used for gathering the local elements of a location.

[0079] In one embodiment of the invention the location of the player is the real world location where the player is engaging in the gameplay. In an alternate embodiment the player may have defined the location e.g. a player is based in Seneca Falls, NY, but may have chosen to

use the local elements of NY, NY. Or, the system may make such an approximation if there is no available local element data for Seneca Falls.

[0080] The storyline of the virtual world is then changed based on the local elements **104**. Several exemplary methods are provided in this application for illustrative purposes. The application is not limited to these examples but in fact covers all combinations, permutations, variations etc. that may be obvious to the one skilled in the art.

[0081] Figure 2 is a flow diagram representing an example of filtering a news stream to impact storyline of gameplay.

[0082] In one embodiment of the invention for a single player virtual world, there may be many variations of the virtual world such that each variation is associated with a profile, and certain real world elements that tend to occur in all places every now and then. For example severe weather, earthquakes, political, economic and social turmoil, protests, marathons, street festivals, traffic congestion, stock market rise and fall, food shortages, price hikes, each may be associated with a certain profile. There may be generic profiles that are associated with such elements in general, and there may be specific profiles that are associated with specific and unique real world local elements.

[0083] For example there may be generic profiles for severe weather, earthquakes, street festivals etc. such that when one such local element is in effect at a certain location the relevant variations of the virtual world may be applied, using a generic profile associated with such a local element.

[0084] Similarly there may be specific profiles for specific local elements for example Mardi Gras, New York Marathon, October Fest, etc. In one embodiment of the invention, when a player's location is determined by gathering location information from say the gaming device's built-in GPS sensor, and it is determined that the player is in a certain location where a particular

local (event) element is taking place (e.g. player is in New Orleans, LA, and its Mardi Gras week) the relevant variation of the virtual world may be applied, using a particular profile. Each profile is implemented using a script.

[0085] Turning to the flow diagram in Figure 2, the player location is determined **201**. As mentioned earlier there are several well understood prior art methods for determining the player location.

[0086] Information about local elements is gathered, e.g. by capturing the local news stream **202**. In a preferred embodiment of the invention, once the location of the player is determined, gathering information about local elements may involve going to local news website to obtain local information on events and happenings.

[0087] This gathered news stream can then be filtered based on key words **203**. In a preferred embodiment of the invention, the captured news stream from the determined location of the player is filtered by key words. As explained earlier, a virtual world may have a certain set of scripts associated with generic profiles and particular profiles. The list of key words may be derived from the list of profiles, since the virtual world can only apply variations to the gameplay based on the scripts that it can handle. If new scripts are added then new key words associated with these scripts/profiles may also be added to the virtual world, expanding its scope. Key words may have a wide range e.g. severe weather, storms, record rainfall, flooding, murder, theft, mugging, rape, protests, election, etc.

[0088] Key stories related to the location may then be identified based on the key word filtering and these results of the filtering can be compiled **204**. Stories can be associated with key words. For example, as in the table below, a list of profiles may be associated with key words, and the local news feed can then be filtered to find specific incidences of those key words. The profile may be triggered if the key words show up in the news feed.

List of Profiles	Key Words	News Feed Filter
Fire in the City	FIRE, BLAZE	Warehouse blaze
Theft in the City	THEFT, ROBBERY, HEIST	
Murder in the City	MURDER, KILLING	

[0089] In this case, the news feed filter found an item that matched the key word "blaze", so the "Fire in the City" profile would be selected to be implemented using local element scripts.

[0090] Key profiles are determined that are associated with the filtered results **205**. In one embodiment of the invention each profile may be associated with one or more scripts.

[0091] A script defines the default behavior of a virtual character. Just as with statistics, different scripts can refer to different behaviors. Using the method and system of the invention, a default script of a virtual character may define its default behavior and in order to implement an altered behavior associated with a change in the local elements of a location a certain other script may be used instead of the default script of a virtual character.

[0092] In one embodiment script(s) may be associated with certain local element(s), and these scripts may already be embedded in a virtual world (game), but are dormant and may get invoked once a local element meets the criteria to call this script. In one embodiment there may be generic scripts associated with generic local elements, e.g. stormy weather, traffic congestion, murder, robbery, etc. Thus the appropriate script may be called into the game based on the local elements of a location. These changes in the scripts may be made periodically e.g. once a day, or may get changed with the changing local elements in real time e.g. several times a day.

[0093] In one embodiment the local elements of the player location may be used to define the Player Character(s), some or all Non-Player Characters (NPCs), and certain sets of plot nodes, levels, or encounters. Thus when a player engages in gameplay with a certain set of local elements, the Player Character (PC) may have certain characteristics that are based on these local elements. The system may also load a certain type of NPCs. The number of NPCs itself may also vary with the local elements e.g. when there is a protest in the real world location of the player, a large number of NPCs may appear in the virtual world and may engage in destructive behavior and a certain set of plot nodes associated with this situation may be loaded in the game.

[0094] In another embodiment with the change in local elements, the system of the invention may import scripts associated with this local element, so that the resulting gameplay is varied and thus more sophisticated.

[0095] In yet another embodiment the scripts associated with different profiles for the local elements may be downloaded (either automatically or upon player request) from a central server that acts as a repository for additional scripts. In another embodiment the user may have to pay when acquiring these additional scripts e.g. from a remote server.

[0096] The scripts are used to impact the storyline of the gameplay **206**. In one embodiment of the invention for a single player virtual world as the local elements change so does the storyline of the virtual world.

[0097] In another embodiment of the invention, the different Player Characters, Non-Player Characters, and settings for virtual character statistics may also vary with the changing local elements. For example the personalities of virtual characters when playing the game in New Orleans during Mardi Gras week may be more playful as opposed to the same game when played in New York, NY after a string of murders so that the personalities of virtual characters may be more violent.

[0098] Such an affect can be achieved by having different stats for the PCs and NPCs, such that one set of stats is associated with a certain type of local element while another set of stats is associated with another type of local element. Thus by having different sets of stats, each associated with a certain local element, the same Player Character or NPC can exhibit a different behavior/personality.

[0099] In one embodiment, a player logs on the gaming server, a set of plot nodes associated with the local element(s) of the player location may now become available to the other players engaged in the gameplay of the virtual world. When another player logs off, the set of plot nodes associated with that particular location's local elements may now be unavailable to the players still playing the game. Thus the gameplay changes as player from diverse real world locations with varying sets of local elements engage and disengage in the gameplay of the virtual world.

[00100] In one embodiment of the invention impact to the storyline may be made by loading the script(s) associated with the identified local element(s). These scripts may be already imbedded in the game, but dormant till called. New scripts for changing local elements may be added to the game by the game developer or players to reflect new scenarios, thus expanding the scope of the game.

[00101] The occurrence and outcome of special bonus features, the amounts wagered on any bets, the outcomes for any intermediate game stages, the results of any player decisions made during the game, bonus plays and their outcomes, the final game outcomes etc. may also change based on the local elements of the location of the player.

[00102] In one embodiment of the invention extra points and lives are either granted or deducted when certain local elements change and warrant a change in the virtual world. For example the real world stock market of the location where the player is located has gone up, thus

the player may be given extra lives. While a loss in the stock market may be reflected with the deduction of points and lives. Similarly if the interest rates on loans go up in the real world, the assets of the virtual characters may get devalued in the virtual world.

[00103] Figure 3 is a flow diagram representing an example of ongoing location detection to impact storyline based on changed local elements. As shown, gameplay starts with a plotline associated with the gathered local elements **301**.

[00104] The system checks whether the local elements have changed **302**. In order to determine the changes in local elements the original profiles and associated key words may be stored in a file or a database, and the new ones compared with the ones already stored. In a preferred embodiment, this comparison may be done on an as needed basis, preferably on a periodic basis, such that the frequency may be selectable by the player or the game developer. In another embodiment this comparison is done in real time, i.e. news stream is filtered in real time and all changes to local elements applied thereafter.

[00105] If Yes **302a** (i.e. the local elements have changed), then the system impacts the storyline by loading an alternate plotline associated with the changed local elements **303**.

[00106] If No, **302b** (i.e. there is no change to the local elements), then the system continues the gameplay of the virtual world unchanged **304**.

[00107] Figure 4 is a conceptual diagram illustrating the interplay between multiple local elements and aspects of the storyline in a virtual world. Figure 4 shows a sample multiplayer virtual world (game) **402** with Player1, located at real world location Location1, and having an associated set of local elements Set1 **401a**. Player2 is located at real world location Location2 and has associated set of local elements Set2 **401b.** Player3 is located at real world location Location3 and has associated set of local elements Set3 **401c**. These three players are engaged in the gameplay of the virtual world, in this case, a multiplayer game **402**.

[00108] The storyline **403** of the multiplayer virtual world **402** may be composed of encounters **404**, levels, **405**, aesthetics **406**, set of plot nodes **407** or settings **408** amongst other items described earlier in this application.

[00109] The storyline **403** may be impacted / changed by a change in any one of the encounters **404**, levels, **405**, aesthetics **406**, set of plot nodes **407** and / or settings **408** based on the real world locations of the players engaged in the gameplay. The storyline **403** then in turn impacts the gameplay of the virtual world **402**.

[00110] The storyline may be changed by changing the plot nodes or set of plot nodes, virtual character (both player characters and non-player characters), set of virtual characters or virtual character interaction, settings, aesthetics, levels, premise or theme, encounters, levels etc. Thus a change in the local elements of the player location may impact any one of the earlier mentioned variables. The application is not limited to the cited examples, but the intent is to cover all such areas that may be used in a virtual world to impact the storyline of a virtual world.

[00111] Several exemplary embodiments / implementations of the invention are given below. There may be other methods obvious to the ones skilled in the art, and the intent is to cover all such scenarios.

[00112] In one embodiment of the invention the encounters and their outcomes may change when certain local elements are found present. Elements of an encounter, such as opponent appearance or fighting style may tailor themselves to fit the changing local elements. For example on a hot muggy day the player's virtual character may need to shed his heavy clothing while on a cold snowy night the player's virtual character may need extra layers of clothing and may lose health points when sufficient clothing is not available; thus perhaps forcing virtual characters to steal clothing items from NPCs.

[00113] In some embodiments of the invention there may be long term changes in response to the change in local elements. For example in a certain city a local mayoral election is held and a new mayor is elected while at the same time new logging licenses are issued to the forestry industry. This may be reflected in the virtual world by the introduction of a very powerful villain who may not be defeated till the mayor is in office as an elected representative and the forests in the virtual world may be similarly reduced by simulating logging by NPCs.

[00114] In other embodiments of the invention there may be short term local elements like weather that may impact the gameplay such that the local weather conditions may be used to create the ambiance in the virtual world. Thus if it sunny and hot outside in the real world where the player is located, the same may be reflected in the virtual world, and the virtual characters may have to shed some layers of clothing to stay comfortable. Similarly, if it is raining in the location where the player is based, the virtual world may simulate a storm to emulate the real world. Thus the real weather may impact the storyline by either creating a similar or opposite weather in the virtual world. In another embodiment of the invention the weather forecast model may be used for changes to gameplay.

[00115] Let's take into consideration a more detailed example, one that is based on a weather related event that devastated many cities in North America, Hurricane Sandy in late October 2012. As the hurricane moved from one city to the other the locations in its path encountered varying degrees of damage and destruction and thus spawned some very local events (elements). In New York, NY there was wide spread flooding including flooding of major tunnels, deaths due to fire and flooding, stock markets were closed for a record time, subway closures, fires, evacuations, food and gas shortages, lack of public transport and resultant loss of work days. While in Toronto Canada, the same weather system had a lesser degree of

effect but nevertheless brought strong winds, flying/falling debris, injuries and death due to the falling neon signs, uprooting of trees etc.

[00116] Thus two players playing the same game at the same time in the two above mentioned cities may experience two varying (albeit related) storylines. Therefore when playing a virtual world (game) one where this invention is implemented, a player in New York, NY may experience the ambiance of the game change to dark and stormy skies, rain and flooding which make certain bridges impassable in the game, a certain change in the behaviour of the virtual characters where they are suddenly more afraid, bunches of NPCs running randomly in confusion and panic, while the number of points required to acquire items may go up significantly for the duration of such an event etc.

[00117] While a player in Toronto, Canada playing the same game at the exact same time may experience stiff winds and fallen trees which may make getting from one point to another more difficult, flying and falling debris which has to be dodged in order to prevent injury and loss of health points etc.

[00118] In one embodiment of the invention relating to a MMORPG (Massively Multiplayer Online Role Playing Game) the local elements of the respective locations of the players engaged in the gameplay at any given time impacts the storyline. Thus for example certain branches of the storyline and / or set(s) of plot nodes may become available when players from a certain location are either logged in or logged off.

[00119] When a new player engages in gameplay of the MMORPG, gather player location information e.g. using the embedded GPS sensor of a gaming device, then gather the local elements associated with this location. There may be other methods for determining player location, e.g. using IP address, WiFi network location, AGPS and other well known techniques in the art.

[00120] The system checks to see if the local elements of above said player location are unique, i.e. if any other player from the same location is also engaged in the gameplay of the virtual world at the same time or another player from another location with similar local elements is engaged in the gameplay. If player location and its local elements are unique then the system may load alternate / complementary set of storyline plot nodes associated with these new local elements. Gameplay continues using the new information. If player location and its local elements are not unique then gameplay continues with no changes.

[00121] In an alternate embodiment a certain set of storyline plot nodes become unavailable when a player from a location with certain local elements engages in the gameplay of the virtual world.

[00122] In multiplayer virtual worlds as new players engage in the gameplay and as other disengage, the respective local elements of their respective locations may have a cumulative effect in changing the storyline of the virtual world.

[00123] In an alternate embodiment a certain set of storyline plot nodes may become available when a player from a certain location with certain local elements disengages in the gameplay of a virtual world.

[00124] In another embodiment the storyline of the virtual world may change with the change of local elements, such that the virtual character can skip levels, or move from one level to the other randomly, or the game may lock out odd or even number levels (or other combinations of levels) to change the storyline.

[00125] In yet another embodiment the aesthetics of the virtual world may change with the changing local elements of the real world location of the player. For example the background of a platform game may change depending on the location (city) of the player and its current local elements (e.g. stormy weather or clear blue skies).

[00126] In another embodiment the virtual character interaction may change with the changing local elements of the player location. For example when all is quiet in the city where the player is located (i.e. no local elements match the key words) the virtual character interaction is more subdued. By contrast, when the same city encounters a string of murders, the virtual character interaction may become more aggressive, and the associated dialogue may also change correspondingly. Such an embodiment can be implemented by having different scripts for the virtual characters, and changing the scripts with the changing local elements of the real world location of the player.

[00127] In one embodiment the theme of the game may change with the changing local elements. For example, the original theme may be an espionage theme. After news of a local murder, the theme of the game may change to a murder mystery (to solve the local case), or a horror theme.

[00128] In another embodiment the premise of the game may change with the changing local elements of a location. For example, the original premise may be a treasure hunt. After a kidnapping news item, the premise may change to a quest to find the victim of the kidnapping.

[00129] In another embodiment the storyline of the virtual world may have multiple forks with multiple possibilities, and each time the local elements of the player location change, a new path(s) may be chosen either randomly or based on a dice roll or based on a pre-configured setting or based on a player defined setting.

[00130] In another embodiment of the invention, the statistics of the player character (PC) and the non-player characters (NPC) may depend on the local elements of the player location and may change when these local elements changes.

[00131] For example, in one embodiment when a player engages in gameplay of a particular virtual world from a first location the stats for a PC are such that the virtual character

is physically very strong but is less intelligent, while when the same player engages in the gameplay of the same virtual world from a second location, the stats for the same PC are such that the virtual character is now more intelligent but less strong physically. The change in virtual character statistics may either depend on predefined relationships or may depend on a dice roll or may be entirely random.

[00132] One embodiment of the invention may preferably also provide a framework or an API (Application Programming Interface) for virtual world creation that allows a developer to incorporate the functionality of a changing storyline based on the changing local elements of the player location. Using such a framework or API allows for a more uniform virtual world generation, and eventually allows for more complex and extensive ability to change storyline.

[00133] It should be understood that although the term game has been used as an example in this application but in essence the term may also imply any other piece of software code where the embodiments of the invention are incorporated. The software application can be implemented in a standalone configuration or in combination with other software programs and is not limited to any particular operating system or programming paradigm described here. For the sake of simplicity, we singled out game applications for our examples. Similarly we described users of these applications as players. There is no intent to limit the disclosure to game applications or player applications. The terms players and users are considered synonymous and imply the same meaning. Likewise, virtual worlds, games and applications imply the same meaning. Thus, this application intends to cover all applications and user interactions described above and ones obvious to persons skilled in the art.

[00134] Although virtual world storyline changes based on changing local elements of the player location have been exemplified above with reference to gaming, it should be noted that virtual worlds are also associated with many industries and applications. For example, virtual

worlds can be used in movies, cartoons, computer simulations, and video simulations, among others. All of these industries and applications would benefit from a changing storyline based on changing local elements of the player location.

[00135] The examples noted here are for illustrative purposes only and may be extended to other implementation embodiments. While several embodiments are described, there is no intent to limit the disclosure to the embodiment(s) disclosed herein. On the contrary, the intent is to cover all alternatives, modifications, and equivalents obvious to persons skilled in the art.

CLAIMS

What is claimed is:

1. A computer-implemented method of enabling virtual gameplay on a computing device in communication with a storage means, the method comprising the steps of:

providing access to at least one video game in which a player is able to interact with the video game according to a storyline;

detecting at the computing device a player location, and storing the location on the storage means;

retrieving from a database using the computing device a local element based on the player location and correlating the local element to a local element script actuatable in the video game; and

using the computing device to retrieve and actuate the local element script in the video game, the local element script supplementing or replacing the storyline.

2. The method of claim 1, further comprising detecting a second or subsequent location in the course of gameplay, and retrieving a second or further local element script, the second or further local element script being related to the second or subsequent location and its local element.

3. The method of claim 1, wherein the correlating of the local element takes account of an operating context within the game.

4. The method of claim 1, wherein the video game includes at least one virtual character, and the local element script modifies the virtual character's appearance, facial or body expression or health.

5. The method of claim 1, wherein the video game includes at least one virtual character, and the local element script modifies the tools, weapons, equipment or clothing of the virtual character.

6. The method of claim 1, wherein the local element script modifies character statistics of a virtual character.

7. The method of claim 6, wherein the local element is used to determine overall mood or tension of a location, and the local element script modifies character statistics representing mood or aggression in the virtual character.

8. The method of claim 1, wherein the storyline comprises one or a combination of plot, plot nodes, character interactions, encounters, scene, setting, aesthetics, levels, premise, or theme.

9. The method of claim 8, wherein the local element script modifies the scene or setting of the storyline.

10. The method of claim 1, wherein the local element script modifies or introduces non-player characters, game monsters, enemies, traps or puzzles corresponding to the local element.

11. The method of claim 1, wherein the local element comprises one or a combination of local events, local indicators, and local celebrities or news figures.

12. The method of claim 1, wherein the local element is a local news item and the local element script modifies the storyline to reflect that news item.

13. The method of claim 12, wherein, if the news item refers to a crowd of people, the local element script introduces a crowd of non-player characters into the storyline.

14. The method of claim 1, wherein the local element is a weather, social, political, economic, stock market, demographic, traffic, crime, or construction indicator relevant to the location, and the local element script modifies the storyline to reflect that indicator.

15. The method of claim 1, wherein the local element is a local celebrity or news figure, and the local element script modifies the storyline to introduce a non-player character representing that local celebrity or news figure.

16. The method of claim 12, wherein the local element comprises a keyword extracted from a news stream of local news items.

17. The method of claim 1, wherein the location is re-detected at intervals, and in the event of a change in the location, a virtual character is shown moving to a new scene in the storyline.

18. The method of claim 1, wherein if a null location is detected or the detected location is unsupported, a default or random storyline is provided.

19. The method of claim 1, wherein if the location does not match a local element in the database, an approximate match is used.

20. The method of claim 1, wherein the storage means is provided by one or a combination of: a local fixed memory, a local removable memory, a remote fixed memory, a remote removable memory, and a virtual memory.

21. The method of claim 1, wherein the storage means is selected from the group consisting of: a local data storage of a game console, a local inbuilt memory, a user provided memory, an online server, and a shared folder on a network.

22. The method of claim 1, wherein the detecting step includes retrieving player location from a sensor.

23. The method of claim 1, wherein the player is enabled to play the game using a game device, and the player location is detected by an on-board sensor on the game device.

24. The method of claim 23, wherein the game device is a mobile device.

25. The method of claim 1, wherein the detecting step includes retrieving player location from one or a combination of GPS, A-GPS, WiFi, IP address, account or billing address, and player provided location information.

26. The method of claim 25, wherein the player provided location information is a fantasy location.

27. The method of claim 1, wherein the detecting step further includes retrieving at least one map from a map database in response to the detected location.

28. The method of claim 1, wherein the location is detected at login.

29. The method of claim 1, wherein the location is detected during gameplay.

ABSTRACT

A computer-implemented method is provided for enabling virtual gameplay. Access is provided to at least one video game in which a player is able to interact with the video game according to a storyline. A player location is detected and stored. A local element is retrieved from a database based on the player location and the local element is correlated to a local element script actuatable in the video game. This local element script is retrieved and actuated in the video game to supplement or replace the video game's storyline.

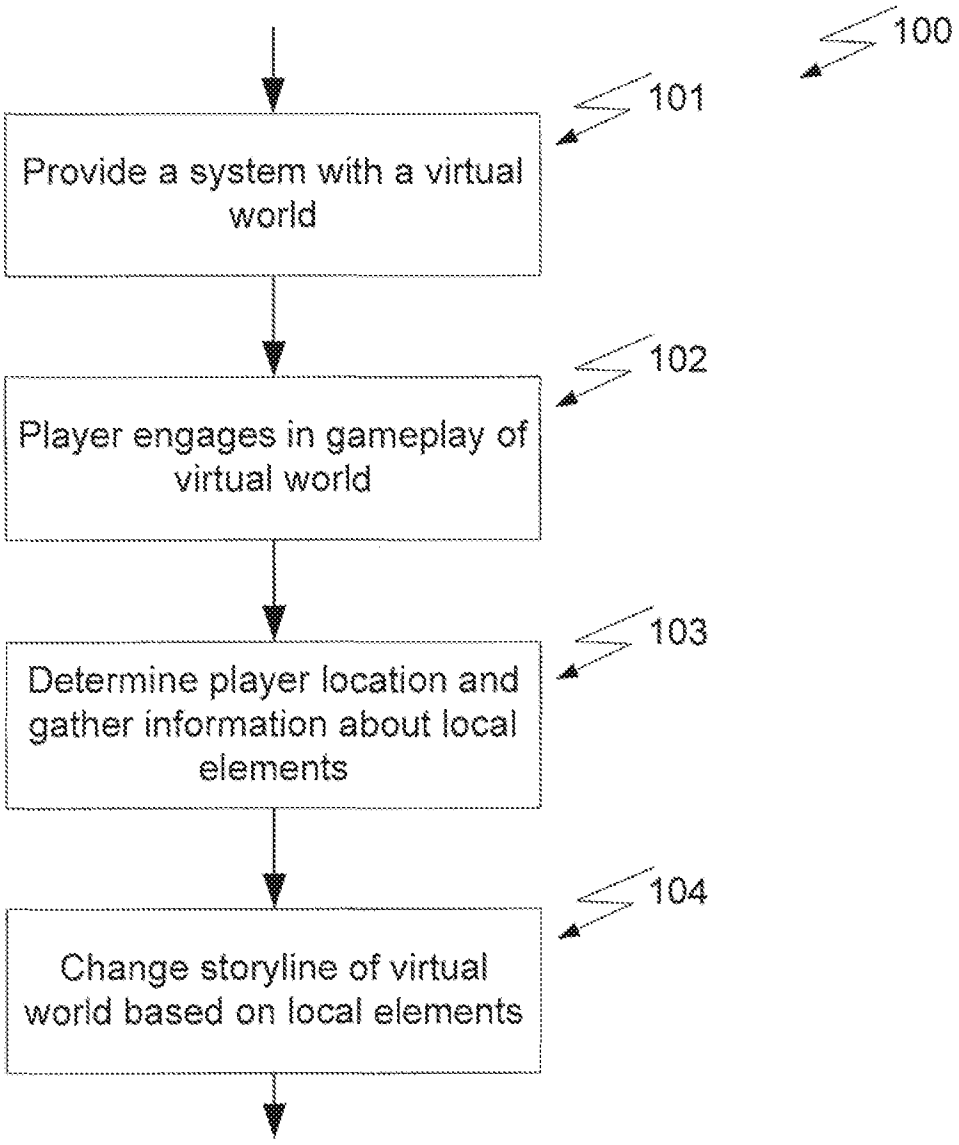

100
101
Provide a system with a virtual world
102
Player engages in gameplay of virtual world
103
Determine player location and gather information about local elements
104
Change storyline of virtual world based on local elements

FIG. 1

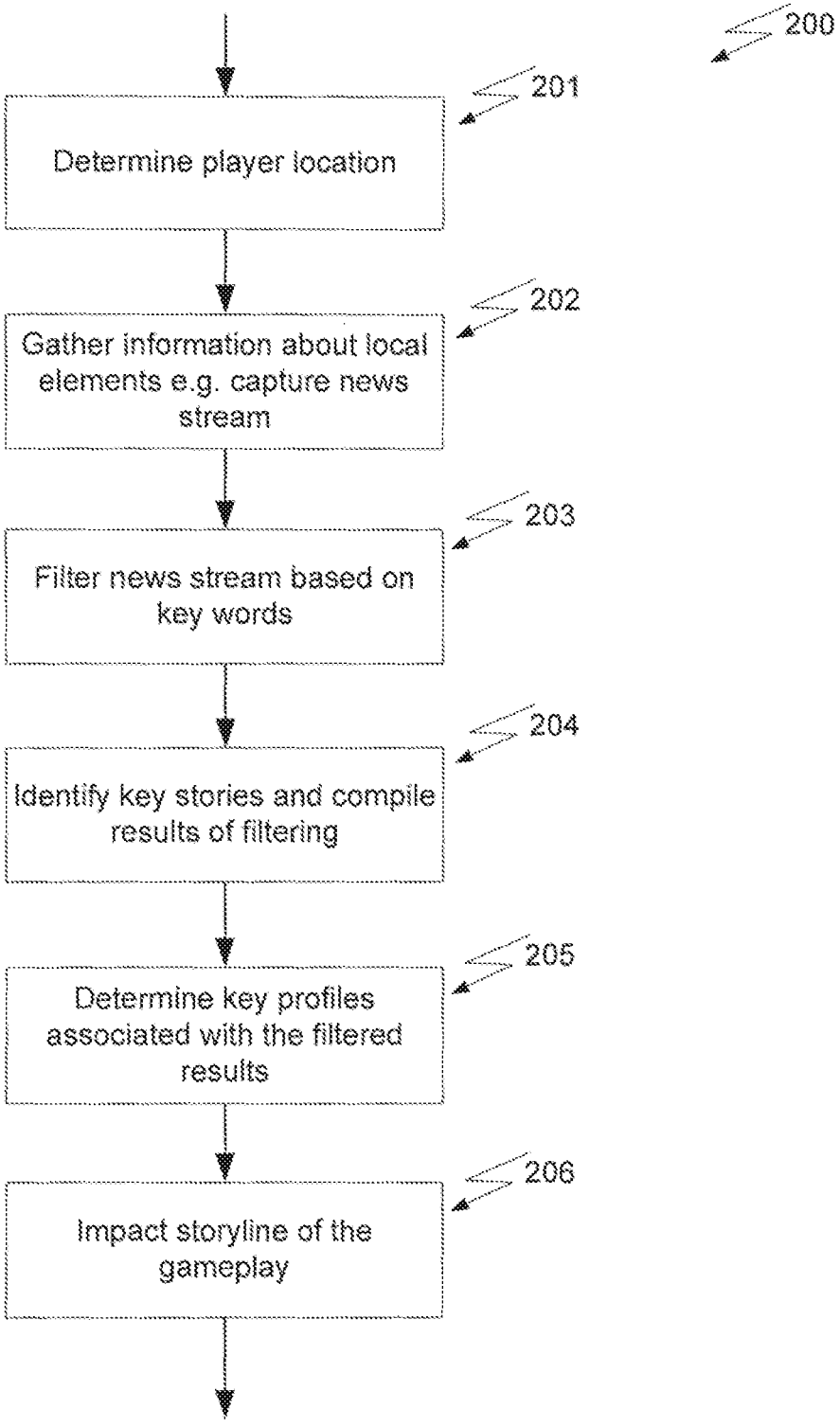

200
201
Determine player location
202
Gather information about local elements e.g. capture news stream
203
Filter news stream based on key words
204
Identify key stories and compile results of filtering
205
Determine key profiles associated with the filtered results
206
Impact storyline of the gameplay

FIG. 2

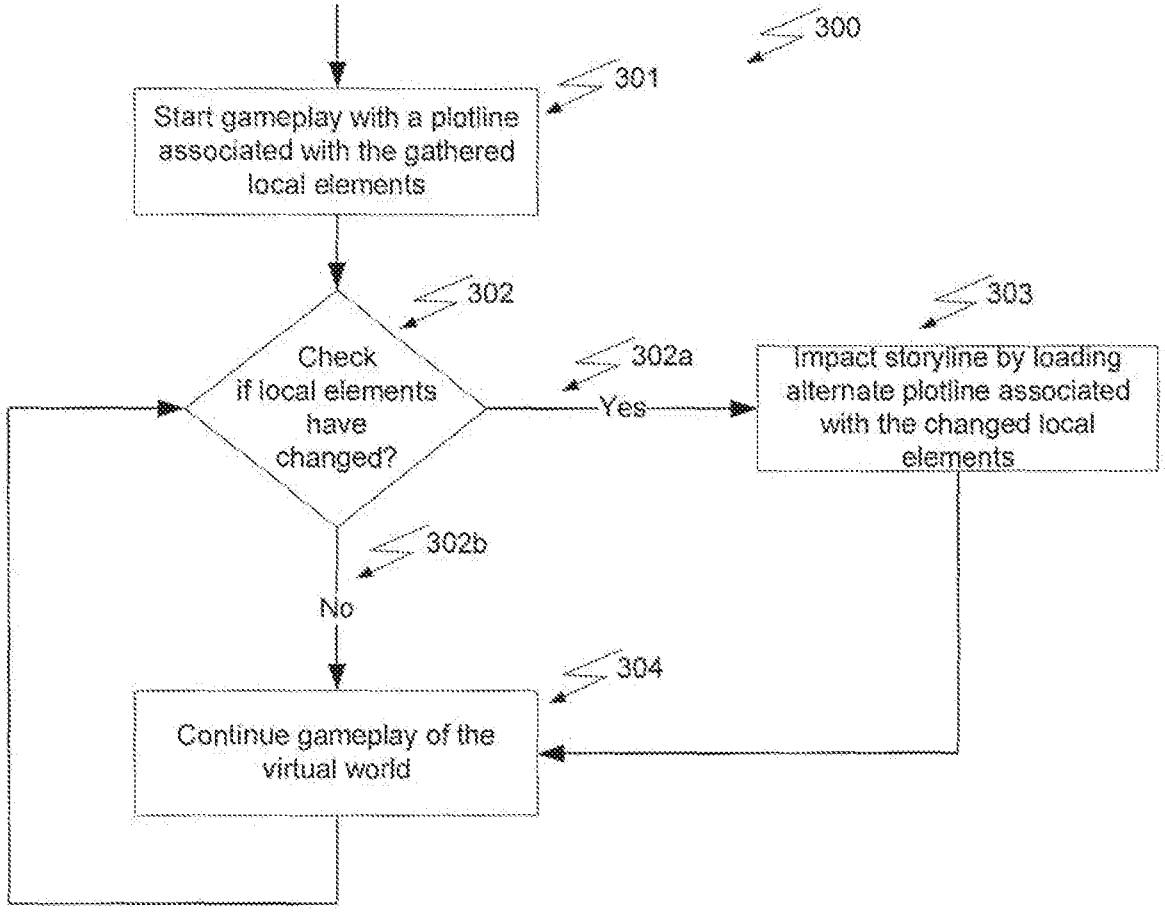

300
301
Start gameplay with a plotline associated with the gathered local elements
302
Check if local elements have changed?
302a
Yes
303
Impact storyline by loading alternate plotline associated with the changed local elements
302b
No
304
Continue gameplay of the virtual world

FIG. 3

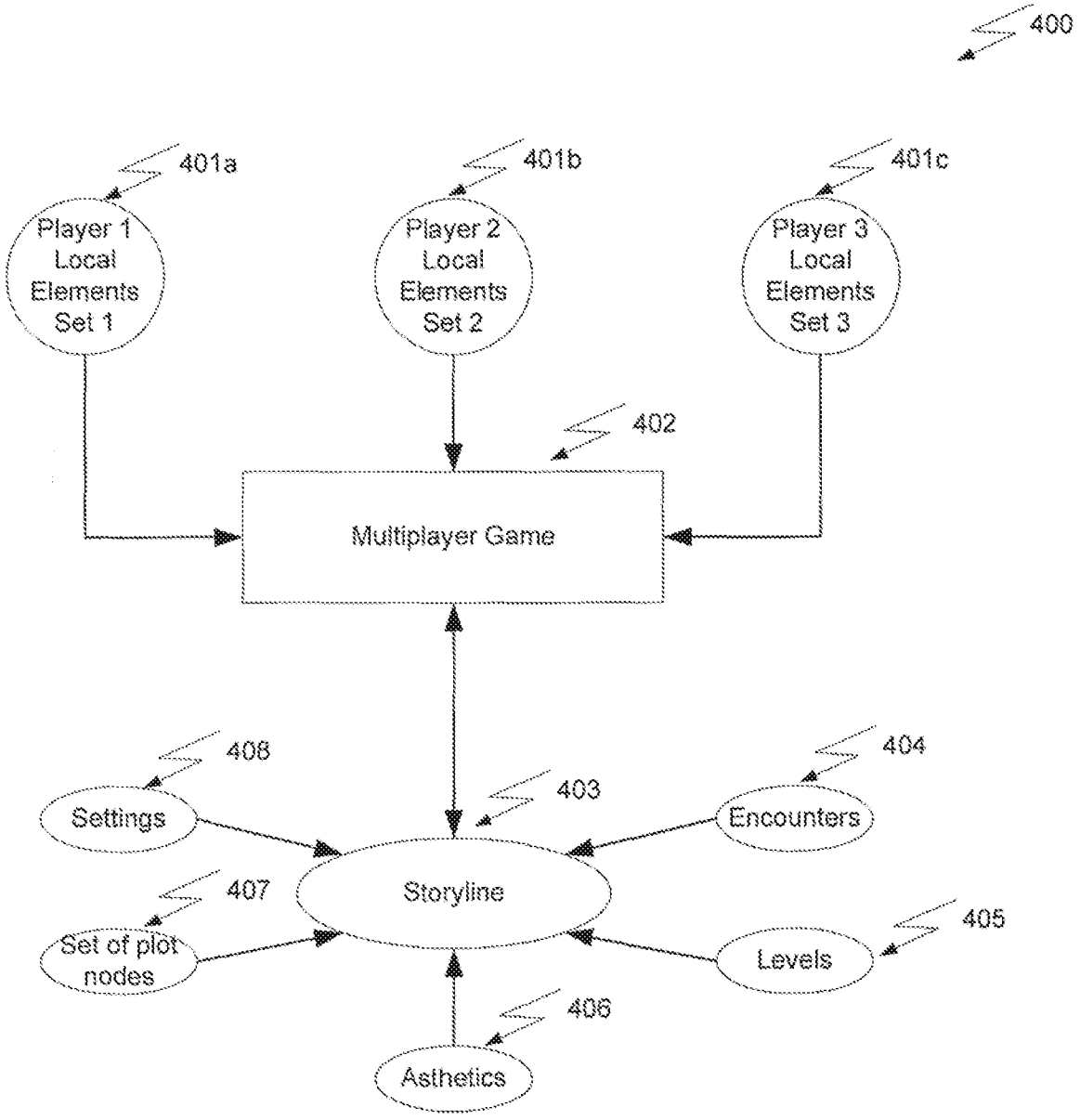

400
401a
401b
401c
Player 1 Local Elements Set 1
Player 2 Local Elements Set 2
Player 3 Local Elements Set 3
402
Multiplayer Game
408
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Settings
Encounters
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Storyline
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Asthetics

FIG. 4

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	0033632-00019
	Application Number	
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.
This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secrecy Order 37 CFR 5.2:

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Yousuf		Chowdhary	

Residence Information (Select One) US Residency ● Non US Residency Active US Military Service

City	Maple, Ontario	Country of Residence i	CA

Mailing Address of Inventor:

Address 1	191 Athabaska Drive
Address 2	

City	Maple	State/Province	ON
Postal Code	L6A 3R9	Country i	CA

Inventor 2 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Jeffrey		Brunet	

Residence Information (Select One) US Residency ◉ Non US Residency Active US Military Service

City	Aurora, Ontario	Country of Residence i	CA

Mailing Address of Inventor:

Address 1	9 Candac Valley Drive
Address 2	

City	Aurora	State/Province	ON
Postal Code	L4G 6W7	Country i	CA

Inventor 3 Remove

Legal Name

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	0033632-00019
	Application Number	
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

Prefix	Given Name	Middle Name	Family Name	Suffix
	Ravinder ("Ray")		Sharma	

Residence Information (Select One) US Residency ◉ Non US Residency Active US Military Service

City	Toronto	Country of Residence [i]	CA

Mailing Address of Inventor:

Address 1	7 Tudor Gate		
Address 2			
City	Toronto	State/Province	ON
Postal Code	M2L 1N3	Country [i]	CA

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

☐ **An Address is being provided for the correspondence Information of this application.**

Customer Number	112301		
Email Address	ipdocket@whiteandwilliams.com	Add Email	Remove Email

Application Information:

Title of the Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay		
Attorney Docket Number	0033632-00019	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	4	Suggested Figure for Publication (if any)	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country [i]

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	0033632-00019
	Application Number	
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

Publication Information:

☐	Request Early Publication (Fee required at time of Request 37 CFR 1.219)
☐	**Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).
Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	● Customer Number	US Patent Practitioner	○ Limited Recognition (37 CFR 11.9)
Customer Number	112301		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.
When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status			Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Continuation of	14/084113	2013-11-19
Prior Application Status			Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
14084113	Claims benefit of provisional	61796715	2012-11-19

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button. Add

Foreign Priority Information:

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	0033632-00019
	Application Number	
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)[i] the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Remove

Application Number	Country[i]	Filing Date (YYYY-MM-DD)	Access Code[i] (if applicable)

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button. Add

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	0033632-00019
	Application Number	
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	0033632-00019
	Application Number	
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1 — Remove

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

● Assignee	Legal Representative under 35 U.S.C. 117	Joint Inventor
Person to whom the inventor is obligated to assign.	Person who shows sufficient proprietary interest	

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here. ☒

Organization Name	2343127 Ontario Inc.		
Mailing Address Information For Applicant:			
Address 1	67 Yonge Street		
Address 2	Suite 1600		
City	Toronto	**State/Province**	
Country	CA	Postal Code	M5E 1J8
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button. Add

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	0033632-00019
	Application Number	
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

Remove

If the Assignee or Non-Applicant Assignee is an Organization check here. ☐

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1			
Address 2			
City		**State/Province**	
Country i		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button. Add

Signature:

Remove

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Frank A. Bruno/			Date (YYYY-MM-DD)	2016-07-20
First Name	Frank A.	Last Name	Bruno	Registration Number	46583

Additional Signature may be generated within this form by selecting the Add button. Add

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	0033632-00019
	Application Number	
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1 The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3 A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent CooperationTreaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Doc Code: Oath
Document Description: Oath or declaration filed

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

☒ Declaration Submitted With Initial Filing OR ☐ Declaration Submitted After Initial Filing (surcharge (37 CFR 1.16(f)) required)

Attorney Docket Number	0033632-00015
First Named Inventor	Yousuf Chowdhary
COMPLETE IF KNOWN	
Application Number	Unassigned
Filing Date	Herewith
Art Unit	Unassigned
Examiner Name	Unassigned

SYSTEMS AND METHODS FOR CAPTURE AND USE OF LOCAL ELEMENTS IN GAMEPLAY

(Title of the Invention)

As a below named inventor, I hereby declare that:

This declaration is directed to:

☒ The attached application,

OR

☐ United States Application Number or PCT International application number _____

filed on _____

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Authorization To Permit Access To Application by Participating Office

☑ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: ☒ The address associated with Customer Number: 112301 OR ☐ Correspondence address below

Name		
Address		
City	State	Zip
Country	Telephone	Email

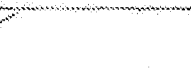
WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. Petitioner/applicant is advised that documents which form the record of a patent application (such as the PTO/SB/01) are placed into the Privacy Act system of records DEPARTMENT OF COMMERCE, COMMERCE-PAT-7, System name: *Patent Application Files*. Documents not retained in an application file (such as the PTO-2038) are placed into the Privacy Act system of COMMERCE/PAT-TM-10, System name: *Deposit Accounts and Electronic Funds Transfer Profiles*.

LEGAL NAME OF SOLE OR FIRST INVENTOR:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Yousuf Chowdhary

Inventor's Signature	Date (Optional)
	11th Nov 2013

Residence: City	State	Country
Maple	Ontario	CA

Mailing Address: 191 Athabaska Drive

City	State	Zip	Country
Maple	Ontario	L6A 3R9	CA

☒ Additional inventors are being named on the One supplemental sheet(s) PTO/AIA/19 attached hereto

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SUPPLEMENTAL SHEET FOR DECLARATION | **ADDITIONAL INVENTOR(S)**
Supplemental Sheet (for PTO/AIA/08,09) Page 1 of 1

Legal Name of Additional Joint Inventor, if any:
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)
Jeffrey Brunet

Inventor's Signature Jeff Br | Date (Optional)

Residence: City Aurora | State Ontario | Country CA

Mailing Address 9 Candac Valley Drive

City Aurora | State Ontario | Zip L4G 6W7 | Country CA

Legal Name of Additional Joint Inventor, if any:
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)
Ravinder ("Ray") Sharma

Inventor's Signature | Date (Optional)

Residence: City Toronto | State Ontario | Country CA

Mailing Address 7 Tudor Gate

City Toronto | State Ontario | Zip M2L 1N3 | Country CA

Legal Name of Additional Joint Inventor, if any:
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Inventor's Signature | Date (Optional)

Residence: City | State | Country

Mailing Address

City | State | Zip | Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
15/215,406	07/20/2016	3714	1090	0033632-00019	29	1

CONFIRMATION NO. 4322

112301
Patent Docket Administrator (Attn: T. Hibbits)
White and Williams LLP
1650 Market Street, One LIberty Place, Suite 1800
Philadelphia, PA 19103-7395

FILING RECEIPT

OC000000084825018

Date Mailed: 08/04/2016

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Inventor(s)

Yousuf Chowdhary, Maple, CANADA;
Jeffrey Brunet, Aurora, CANADA;
Ravinder ("Ray") Sharma, Toronto, CANADA;

Applicant(s)

2343127 Ontario Inc., Toronto, CANADA;

Power of Attorney: The patent practitioners associated with Customer Number 112301

Domestic Priority data as claimed by applicant

This application is a CON of 14/084,113 11/19/2013
which claims benefit of 61/796,715 11/19/2012

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 08/03/2016

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 15/215,406**

Projected Publication Date: 11/10/2016

Non-Publication Request: No

Early Publication Request: No
**** SMALL ENTITY ****
Title

Systems and Methods for Capture and Use of Local Elements in Gameplay

Preliminary Class

463

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

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NOT GRANTED

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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 15/215,406

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	70		N/A	
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	300		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	360		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	29 minus 20 =	* 9	x 40 =	360	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1 minus 3 =	*	x 210 =	0.00			
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			0.00			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0.00			
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	1090		TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT A	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE($)	ADDITIONAL FEE($)		RATE($)	ADDITIONAL FEE($)
AMENDMENT B	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/215,406	07/20/2016	Yousuf Chowdhary	0033632-00019	4322

112301 7590 10/14/2016

Patent Docket Administrator (Attn: T. Hibbits)
White and Williams LLP
1650 Market Street, One LIberty Place, Suite 1800
Philadelphia, PA 19103-7395

EXAMINER
HENRY, THOMAS HAYNES

ART UNIT	PAPER NUMBER
3717	

NOTIFICATION DATE	DELIVERY MODE
10/14/2016	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipdocket@whiteandwilliams.com

Office Action Summary	Application No. 15/215,406	Applicant(s) CHOWDHARY ET AL.	
	Examiner THOMAS H. HENRY	Art Unit 3717	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *7/20/16*.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5)☒ Claim(s) *1-29* is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-29* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☒ The drawing(s) filed on *7/20/16* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

1. The present application is being examined under the pre-AIA first to invent provisions.

Claim Rejections - 35 USC § 101

2. 35 U.S.C. 101 reads as follows:

> Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

3. Claims 1-29 are rejected under 35 U.S.C. 101 because the claimed invention is directed to a judicial exception (i.e., a law of nature, a natural phenomenon, or an abstract idea) without significantly more according to the guidance of the July 2015 Update to Subject Matter eligibility.

4. Claims 1-29 pass step 1 of the test for eligibility.

5. Claims 1-29 fails step 2A. The invention is directed to the abstract idea(s) of supplementing or replacing a storyline with a local element script based on the location of the player in a game. This is an idea of itself, as it can be performed merely mentally or with a pen and paper, such as in a tabletop style RPG game, wherein a first user sets a scenario for a second user, and the first user can supplant the storyline with a storyline related to a local event.

6. With respect to step 2B, claims 1-29 do not include additional elements that are sufficient to amount to significantly more than the judicial exception identified in step 2A because generically recited computer elements do not add a meaningful limitation to the abstract idea because they would be routine in any computer implementation. In particular the steps of “providing access to at least one video game”, “detecting at the

computer device a player location and storing the location on the storage means" and "retrieving from a database" are all generically recited computer elements, which generically recite accessing, storing and retrieving of information.

7. Dependent claims merely set forth additional elements of the abstract idea and do incorporate the significantly more required to overcome the 35 U.S.C. 101 hurdle.

Claim Rejections - 35 USC § 102

8. In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.

9. The following is a quotation of the appropriate paragraphs of pre-AIA 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

10. Claims 1-14, and 16-29 are rejected under pre-AIA 35 U.S.C. 102(b) as being anticipated by Alghamdi (US 20110183754).

11. In re claim 1, Alghamdi discloses

- Providing access to at least one video game in which a player is able to interact with the video game according to a storyline (paragraph 7)
- Detecting at the computing device a player location and storing the location on the storage means (paragraph 8)
- Retrieving from a database using the computing device a local element based on the player location and correlating the local element to a local element script actuatable in the video game (paragraph 36)
- Using the computing device to retrieve and actuate the local element script in the video game, the local element script supplementing or replacing the storyline (paragraph 36)

12. In re claim 2 Alghamdi detecting a second or subsequent location in the course of gameplay and retrieving a second or further local element script, the second or further local element script being related to the second or subsequent location and its element (paragraph 8)

13. In re claim 3, Alghamdi discloses the correlating of the local element takes account of an operating context within the game (paragraph 36)

14. In re claim 4, Alghamdi discloses the video game includes at least one virtual character and the local element script modifies the virtual character's appearance, facial or body expression or health (paragraph 34)

15. In re claim 5, Alghamdi discloses the local element script modifies the tools, weapons, equipment or clothing of the virtual character (paragraphs 34)

16. In re claim 6, Alghamdi discloses the local element script modifies character statistics of a virtual character (paragraph 36)

17. In re claim 7, Alghamdi discloses the local element is used to determine overall mood or tension of a location and the local element script modifies character statistics representing mood or aggression in the virtual character (paragraph 36)

18. In re claim 8, Alghamdi discloses one or a combination of plot, plot nodes, character interactions, encounters, scene, setting, aesthetics, levels, premise or theme (paragraph 36)

19. In re claim 9, Alghamdi discloses modifying the scene or setting of the storyline (paragraph 36)

20. In re claim 10, Alghamdi discloses modifying or introducing non player characters, game monsters, enemies, traps, or puzzles corresponding to the local element (paragraph 36. The cooking game provides different food to cook depending on location which is interpreted as a puzzle)

21. In re claim 11, Alghamdi discloses a combination of local events, indicators, and celebrities or news figures (paragraph 36)

22. In re claim 12, Alghamdi discloses a local news item and modifying the storyline to reflect that news item (paragraph 36)

23. In re claim 13, Alghamdi discloses a crowd of non player characters (paragraph 36

24. In re claim 14, Alghamdi discloses a social indicator (paragraph 36, religion)

25. In re claim 16, Alghamdi discloses a key word extracted from the news stream of local news items (paragraph 36)

26. In re claim 17, Alghamdi discloses a change based on a change of location (paragraph 8 discloses real time location determination)

27. In re claim 18, Alghamdi discloses a default location if the location is unsupported (paragraph 16 discloses that the default is that a player may manually input a location)

28. In re claim 19, Alghamdi discloses that an approximate match is determined (paragraph 16 discloses that either approximate or more specific information can be used)

29. In re claims 20 and 21, Alghamdi discloses the storage means being local storage, and inbuilt memory (paragraph 39)

30. In re claims 22 and 23, Alghamdi discloses retrieving player location from a sensor (paragraph 3)

31. In re claim 24, Alghamdi discloses a mobile device (paragraph 10)

32. In re claim 25, Alghamdi discloses GPS (paragraph 3)

33. In re claim 26, Alghamdi a fantasy location (paragraph 45)

34. In re claim 27, Alghamdi discloses retrieval of a map location from a map (paragraph 3)

35. In re claims 28 and 29, Alghamdi discloses the location is detected at login or during gameplay (paragraph 34)

36. Claims 1-12, 14, and 16-29 are rejected under pre-AIA 35 U.S.C. 102(e) as being anticipated by Watkins (US 20120157197).

37. The applied reference has a common inventor with the instant application. Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under pre-AIA 35 U.S.C. 102(e). This rejection under pre-AIA 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor (i.e., the inventive entity) of this application and is thus not the invention "by another," or if the same invention is not being claimed, by an appropriate showing under 37 CFR 1.131(a).

38. In re claim 1, Watkins discloses

- Providing access to at least one video game in which a player is able to interact with the video game according to a storyline (figure 1 #101, 102, paragraph 7)
- Detecting at the computing device a player location and storing the location on the storage means (figure 1 #103, paragraph 13)
- Retrieving from a database using the computing device a local element based on the player location and correlating the local element to a local element script actuatable in the video game (figure 1 #104, paragraphs 13-14)
- Using the computing device to retrieve and actuate the local element script in the video game, the local element script supplementing or replacing the storyline (figure 1 #104, paragraphs 13-14)

39. In re claim 2 Watkins detecting a second or subsequent location in the course of gameplay and retrieving a second or further local element script, the second or further

local element script being related to the second or subsequent location and its element (paragraph 15)

40. In re claim 3, Watkins discloses the correlating of the local element takes account of an operating context within the game (paragraph 20 and 21)

41. In re claim 4, Watkins discloses the video game includes at least one virtual character and the local element script modifies the virtual character's appearance, facial or body expression or health (paragraph 20 and 21)

42. In re claim 5, Watkins discloses the local element script modifies the tools, weapons, equipment or clothing of the virtual character (paragraphs 20 and 21)

43. In re claim 6, Watkins discloses the local element script modifies character statistics of a virtual character (paragraph 19)

44. In re claim 7, Watkins discloses the local element is used to determine overall mood or tension of a location and the local element script modifies character statistics representing mood or aggression in the virtual character (paragraph 94)

45. In re claim 8, Watkins discloses one or a combination of plot, plot nodes, character interactions, encounters, scene, setting, aesthetics, levels, premise or theme (paragraphs 13-15)

46. In re claim 9, Watkins discloses modifying the scene or setting of the storyline (paragraphs 20 and 21)

47. In re claim 10, Watkins discloses modifying or introducing non player characters, game monsters, enemies, traps, or puzzles corresponding to the local element (paragraphs 20 and 21)

48. In re claim 11, Watkins discloses a combination of local events, indicators, and celebrities or news figures (paragraph 51)

49. In re claim 12, Watkins discloses a local news item and modifying the storyline to reflect that news item (paragraphs 80 and 81)

50. In re claim 14, Watkins discloses an economic indicator (paragraphs 20 and 21)

51. In re claim 16, Watkins discloses a key word extracted from the news stream of local news items (paragraph 80 and 81)

52. In re claim 17, Watkins discloses a change based on a change of location (paragraph 23)

53. In re claim 18, Watkins discloses a default location if the location is unsupported (paragraph 25)

54. In re claim 19, Watkins discloses that an approximate match is determined (paragraph 25)

55. In re claims 20 and 21, Watkins discloses the storage means being local storage, and inbuilt memory (paragraph26)

56. In re claims 22 and 23, Watkins discloses retrieving player location from a sensor (paragraph 27)

57. In re claim 24, Watkins discloses a mobile device (paragraph 27)

58. In re claim 25, Watkins discloses GPS (paragraph 66)

59. In re claim 26, Watkins discloses a fantasy location (paragraph 45)

60. In re claim 27, Watkins discloses retrieval of a map location from a map (paragraph 66)

61. In re claims 28 and 29, Watkins discloses the location is detected at login or during gameplay (paragraph 25)

Claim Rejections - 35 USC § 103

62. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

63. Claims 13 and 15 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Watkins.

64. In re claims 13 and 15, Watkins discloses the claimed invention except if the news item refers to a crowd of people, the local element script introduces a crowd of non player characters into the storyline, and introducing a local celebrity or news figure, however official notice is taken that these are notoriously well known news and location related information, as such it would have been obvious to one of ordinary skill in the art to incorporate this type of information into the storyline as taught by Watkins.

65. Claims 15 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Alghamdi.

66. In re claim 15, Alghamdi discloses the claimed invention except introducing a local celebrity or news figure, however official notice is taken that this is notoriously well known news and location related information, as such it would have been obvious to

one of ordinary skill in the art to incorporate this type of information into the storyline of a video game as taught by Alghamdi.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to THOMAS H. HENRY whose telephone number is (571)270-3905. The examiner can normally be reached on M-F 10 AM - 5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kang Hu can be reached on 571-270-1344. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/THOMAS H HENRY/
Examiner
Art Unit 3717

/MILAP SHAH/
Primary Examiner, Art Unit 3717

Notice of References Cited	Application/Control No. 15/215,406	Applicant(s)/Patent Under Reexamination CHOWDHARY ET AL.	
	Examiner THOMAS H. HENRY	Art Unit 3717	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-2011/0183754 A1	07-2011	Alghamdi; Mansour Ali Saleh	A63F13/65	463/31
*	B	US-2012/0157197 A1	06-2012	Watkins, JR.; Oliver	G06Q10/00	463/30
	C	US-				
	D	US-				
	E	US-				
	F	US-				
	G	US-				
	H	US-				
	I	US-				
	J	US-				
	K	US-				
	L	US-				
	M	US-				

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15215406	CHOWDHARY ET AL.
	Examiner	Art Unit
	THOMAS H HENRY	3717

CPC- SEARCHED		
Symbol	Date	Examiner
A63F13/65, 13/60, 13/10, 13/12	10/1/16	TH

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES		
Search Notes	Date	Examiner
EAST search	10/1/16	TH
Inventor Name Search	10/1/16	TH

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

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BIB DATA SHEET

CONFIRMATION NO. 4322

SERIAL NUMBER	FILING or 371(c) DATE RULE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
15/215,406	07/20/2016	463	3717	0033632-00019

APPLICANTS

2343127 Ontario Inc., Toronto, CANADA;

INVENTORS

Yousuf Chowdhary, Maple, CANADA;
Jeffrey Brunet, Aurora, CANADA;
Ravinder ("Ray") Sharma, Toronto, CANADA;

**** CONTINUING DATA ***************************

This application is a CON of 14/084,113 11/19/2013 ABN
which claims benefit of 61/796,715 11/19/2012

**** FOREIGN APPLICATIONS ***************************

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **** ** SMALL ENTITY **
08/03/2016

Foreign Priority claimed ☐ Yes ☑ No 35 USC 119(a-d) conditions met ☐ Yes ☑ No Verified and Acknowledged /THOMAS HAYNES HENRY/ Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
		CANADA	4	29	1

ADDRESS

Patent Docket Administrator (Attn: T. Hibbits)
White and Williams LLP
1650 Market Street, One Liberty Place, Suite 1800
Philadelphia, PA 19103-7395
UNITED STATES

TITLE

Systems and Methods for Capture and Use of Local Elements in Gameplay

FILING FEE RECEIVED		
1090	FEES: Authority has been given in Paper No._____ to charge/credit DEPOSIT ACCOUNT No._____ for following:	☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	241	(A63F13/65).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:18
S2	119	(A63F13/60).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S3	6605	(A63F13/10).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S4	7979	(A63F13/12).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S5	0	change with story with local with game	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:57
S6	1	change with story with location with game	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:57
S7	83	("463").clas. and (location with customize)	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:58
S8	33	("20060189371" | "7484176" | "20080139306" | "20080070669" | "5941772" | "20110190066" | "20070077978" | "20090156179" | "20070259713" | "20080026838" | "6476830" | "20070093299" | "6887157" | "7090576" | "20050037845" | "20080020788" | "20090023489" | "20110201414" | "20030083943" | "20080167106" | "20030188306" | "20050137015" | "20060240894" | "20070060330" | "20120322550" | "20090124384" | "20050227811" | "20030073494" | "20090124386" | "20020042740" | "20070197296" | "20080181535" | "20100137067").PN.	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:04
S9	23	S8 and location	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:04
S10	1133	("463").clas. and (location with (item story storyline building))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:10
S11	15408	game and (location with (item story storyline building))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:10
S12	812	("463").clas. and (location with (item story storyline))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:11

S13	98	("463").clas. and (location with (story storyline))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:11
S14	1	"20070021203"	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:13
S15	1	"20110319148"	US-PGPUB; USPAT	OR	OFF	2016/01/06 20:00
S16	60	("463").clas. and (player with location) same (story storyline)	US-PGPUB; USPAT	OR	OFF	2016/01/11 16:12
S17	9	("463").clas. and (geographic with location) same (story storyline)	US-PGPUB; USPAT	OR	OFF	2016/01/11 16:12

EAST Search History (Interference)

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
15/215,406	07/20/2016	Yousuf Chowdhary	0033632-00019

CONFIRMATION NO. 4322

112301
Patent Docket Administrator (Attn: T. Hibbits)
White and Williams LLP
1650 Market Street, One LIberty Place, Suite 1800
Philadelphia, PA 19103-7395

PUBLICATION NOTICE

OC000000087128666

Title: Systems and Methods for Capture and Use of Local Elements in Gameplay

Publication No.US-2016-0325183-A1
Publication Date:11/10/2016

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently http://www.uspto.gov/patft/.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently http://pair.uspto.gov/. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Managment, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

Attorney Docket No.: 0033632-00019

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yousuf Chowdhary et al.	:	Group Art No.: 3717
Serial No.: 15/215,406	:	Confirmation No.: 4322
Filed: July 20, 2016	:	Examiner: Thomas Haynes Henry

For: *Systems and Methods for Capture and Use of Local Elements in Gameplay*

Commissioner for Patents
P.O. Box 1450
Arlington, Virginia 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir/Madam:

Applicant respectfully submits this Response to the Office Action mailed October 14, 2016 along with a third month extension of time. The application is respectfully requested to be amended as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

CLAIMS

1. (Presently amended) A computer-implemented method of enabling virtual gameplay on a computing device in communication with a storage means and a location sensor, the method comprising the steps of:

providing access to ~~at least one~~ a video game having a virtual character with a virtual character statistic in which a player is able to interact with the video game ~~according to a storyline~~;

detecting with the location sensor ~~at the computing device~~ a real world player location,

and storing the real world player location ~~on~~ in the storage means;

~~retrieving from~~ creating in a database ~~using the computing device a local element based on the player location and correlating the local element to~~ a local element script actuatable in the video game; and

using the computing device to retrieve mapping information related to the real world player location and to actuate the local element script in the video game, wherein the local element script ~~supplementing or replacing the storyline~~ modifies the virtual character statistic.

2. (Presently amended) The method of claim 1, further comprising detecting a second or subsequent location in the course of gameplay, and ~~retrieving~~ creating a second or further local element script, the second or further local element script being related to the second or subsequent location ~~and its local element~~.

3. (Presently amended) The method of claim 1, wherein the ~~correlating~~ creation of the local element script takes account of an operating context within the game.

4. (Presently amended) The method of claim 1, wherein ~~the video game includes at least one virtual character, and~~ the local element script modifies the virtual character's appearance, facial or body expression or health.

5. (Presently amended) The method of claim 1, wherein ~~the video game includes at least one virtual character, and~~ the local element script modifies the tools, weapons, equipment or clothing of the virtual character.

6. (Cancelled) ~~The method of claim 1, wherein the local element script modifies character statistics of a virtual character.~~

7. (Presently amended) The method of claim 630, wherein the local element is used to determine overall mood or tension of a location, and the local element script modifies character statistics representing mood or aggression in the virtual character.

8. (Presently amended) The method of claim 1, wherein the player is able to interact with the video game according to the a storyline which comprises one or a combination of plot, plot nodes, character interactions, encounters, scene, setting, aesthetics, levels, premise, or theme.

9. (Original) The method of claim 8, wherein the local element script modifies the scene or setting of the storyline.

10. (Presently amended) The method of claim 1 30, wherein the local element script modifies or introduces non-player characters, game monsters, enemies, traps or puzzles corresponding to the local element.

11. (Presently amended) The method of claim 1 30, wherein the local element comprises one or a combination of local events, local indicators, and local celebrities or news figures.

12. (Presently amended) The method of claim 1 30, wherein the local element is a local news item and the local element script modifies the storyline to reflect that news item.

13. (Original) The method of claim 12, wherein, if the news item refers to a crowd of people, the local element script introduces a crowd of non-player characters into the storyline.

14. (Presently amended) The method of claim 1 30, wherein the local element is a weather, social, political, economic, stock market, demographic, traffic, crime, or construction indicator relevant to the location, and the local element script modifies the storyline to reflect that indicator.

15. (Presently amended) The method of claim 1 30, wherein the local element is a local celebrity or news figure, and the local element script modifies the storyline to introduce a non-player character representing that local celebrity or news figure.

16. (Original) The method of claim 12, wherein the local element comprises a keyword extracted from a news stream of local news items.

17. (Original) The method of claim 1, wherein the location is re-detected at intervals, and in the event of a change in the location, a virtual character is shown moving to a new scene in the storyline.

18. (Original) The method of claim 1, wherein if a null location is detected or the detected location is unsupported, a default or random storyline is provided.

19. (Original) The method of claim 1, wherein if the location does not match a local element in the database, an approximate match is used.

20. (Original) The method of claim 1, wherein the storage means is provided by one or a combination of: a local fixed memory, a local removable memory, a remote fixed memory, a remote removable memory, and a virtual memory.

21. (Original) The method of claim 1, wherein the storage means is selected from the group consisting of: a local data storage of a game console, a local inbuilt memory, a user provided memory, an online server, and a shared folder on a network.

22. (Cancelled) ~~The method of claim 1, wherein the detecting step includes retrieving player location from a sensor.~~

23. (Original) The method of claim 1, wherein the player is enabled to play the game using a game device, and the player location is detected by an on-board sensor on the game device.

24. (Original) The method of claim 23, wherein the game device is a mobile device.

25. (Original) The method of claim 1, wherein the detecting step includes retrieving player location from one or a combination of GPS, A-GPS, WiFi, IP address, account or billing address, and player provided location information.

26. (Original) The method of claim 25, wherein the player provided location information is a fantasy location.

27. (Presently amended) The method of claim 1, wherein the ~~detecting step further includes retrieving~~mapping information includes at least one map from a map database ~~in response to~~representing the detected location.

28. (Original) The method of claim 1, wherein the location is detected at login.

29. (Original) The method of claim 1, wherein the location is detected during gameplay.

30. (New) The method of claim 1, further comprising retrieving from a database using the computing device a local element based on the real world player location.

REMARKS

I. Status of Claims

Claims 1-29 were pending.

Claims 1-29 were rejected in the outstanding office action.

Claims 1-5, 7-8, 10-12, 14 and 15, are hereby amended.

Claims 6 and 22 are hereby cancelled.

II. Responses to Rejections

A. Claim Rejection under Section 101

The examiner has rejected claims 1-29 under 35 USC 101 as being directed to non-statutory subject matter. Here, the problem being solved is the "predictability" of prior virtual world games (see Background). In the present invention, "local element scripts" related to detected real world player locations are used to insert a degree of unpredictability. Such scripts, described in paragraph [0047] and [0100], are a specific part of the technical structure of the video game encoding, and have no mental or pen and paper analogue. In the tabletop style RPG games to which the examiner refers (Office Action, para. 3), there is also no detection of a real world player location using a location sensor, nor would this be inherent as the point of such RPG games is fantasy, rather than engagement with real world locations.

Further, the claimed invention is analogous to subject-matter found patent eligible in *Trading Technologies International, Inc. v. CQG, Inc. et al.*, 2016-1616 (Federal Circuit), January 18, 2017. Virtual gameplay can be seen as analogous to the trading context in that case. As in *Trading Technologies*, the present invention solves a problem related to usability (here, "predictability" of prior games) through prescribed specifically structured functionality (here, "local element scripts") that has no pre-electronic analog.

B. Rejections under Sections 102/103 – Alghamdi

The examiner has rejected claims 1-14, 16-29 as anticipated by US 2011/0183754 (Alghamdi), and claim 15 as obvious in light of Alghamdi.

The applicants disagree and submit that nowhere does Alghamdi refer to "local element scripts" (or scripts of any kind) in his gaming systems. In paragraph [0036] of the reference, cited by the examiner for the local element script feature, Alghamdi merely refers to "associa[ting] games to cultures or local events" and "geographic associative aspects". There is no explanation as to how this is done or any suggestion whatsoever of scripts.

C. Rejections under Sections 102/103 – Watkins

The examiner has rejected claims 1-12, 14, 16-29 as anticipated by US 2012/0157197 (Watkins), and claims 13 and 15 as obvious in light of Watkins.

The applicants submit that the Watkins reference has the same inventive entity as the present application and accordingly is not citable under 102(e). That is, Watkins is not "by another". As the examiner has noted, 3 of the 4 inventors are in common between Watkins and the present application. In fact, Watkins is properly named as a co-inventor of the present application as well. Filed herewith is a request to correct inventorship of this application under CFR 1.48 adding Oliver Watkins, Jr., inventor of US 2012/0157197, as an inventor of this application.

The claim amendments made herein are within the disclosure as originally filed. For instance, modification of the virtual character statistic is described in at least paragraph [0131] of the application as published; creating of scripts in paragraph [0100]; detecting real world player location in paragraph [0077]; and retrieving mapping information in paragraph [0078]. New claim 30 has also been added. This is based on features that were in original claim 1.

Applicants respectfully assert all claims are in condition for allowance.

III. Conclusion

Any fees are to be charged to Deposit Account No. 50-6044. Authorization is hereby given to charge Deposit Account no. 50-6044 (0033632-00019) for any future underpayment, or to credit any overpayments.

Please address all correspondence to ipdocket@whiteandwilliams.com. Should there be any questions or other matters that may be resolved by a telephone call, the Examiner is invited to contact the undersigned attorney at the number below.

Respectfully submitted,

Dated: April 13, 2017

By: 

Frank A. Bruno
Registration No. 46,583
White and Williams LLP
Customer No.: 112301
Direct Tel. No.: 215-864-6225

PTO/AIA/22 (03-13)
Approved for use through 7/31/2016. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)	Docket Number (Optional) 0033632-00019
Application Number 15/215,406	Filed July 20, 2016
For Systems and Methods for Capture and Use of Local Elements in Gameplay	
Art Unit 3717	Examiner Thomas Haynes Henry

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

		Fee	Small Entity Fee	Micro Entity Fee	
☐	One month (37 CFR 1.17(a)(1))	$200	$100	$50	$
☐	Two months (37 CFR 1.17(a)(2))	$600	$300	$150	$
☑	Three months (37 CFR 1.17(a)(3))	$1,400	$700	$350	$ 700.00
☐	Four months (37 CFR 1.17(a)(4))	$2,200	$1,100	$550	$
☐	Five months (37 CFR 1.17(a)(5))	$3,000	$1,500	$750	$

☑ Applicant asserts small entity status. See 37 CFR 1.27.

☐ Applicant certifies micro entity status. See 37 CFR 1.29.
Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☑ The Director has already been authorized to charge fees in this application to a Deposit Account.

☑ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 506044.

☑ Payment made via EFS-Web.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

I am the

☐ applicant.

☑ attorney or agent of record. Registration number 46583.

☐ attorney or agent acting under 37 CFR 1.34. Registration number _____.

/Frank A. Bruno/	April 13, 2017
Signature	Date
Frank A. Bruno	215.864.6225
Typed or printed name	Telephone Number

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.

☑ * Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Attorney Docket No.: 0033632-00019

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yousuf Chowdhary et al.	:	Group Art No.: 3717
Serial No.: 15/215,406	:	Confirmation No.: 4322
Filed: July 20, 2016	:	Examiner: Thomas Haynes Henry

For: *Systems and Methods for Capture and Use of Local Elements in Gameplay*

TRANSMITTAL TO CORRECT INVENTORSHIP IN AN APPLICATION

Dear Sir/Madam:

Applicant respectfully requests to add inventor, Oliver "Lake" Watkins, with mailing address of 205 Carlton Street, Apartment 1, Toronto, Ontario, M5A 2K9, CANADA to the above referenced application.

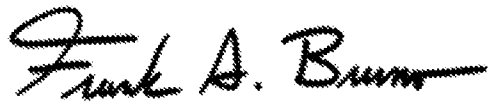
Enclosed for your consideration is the updated Application Data Sheet with underlining to indication the new inventor, Oliver "Lake" Watkins. An unsigned Declaration (37 CFR 1.63) For Utility or Design Application Using an Application Data Sheet (37 CFR 1.76) to be used as a placeholder until an executed inventors declaration is obtained. A payment of three hundred ($300.00) dollars for correction of inventorship in a small entity application after the first action is also included.

Fees are to be charged to Deposit Account No. 50-6044. Authorization is hereby given to charge Deposit Account no. 50-6044 (0033632-00019) for any future underpayment, or to credit any overpayments.

Please address all correspondence to ipdocket@whiteandwilliams.com. Should there be any questions or other matters that may be resolved by a telephone call, the Examiner is invited to contact the undersigned attorney at the number below.

Respectfully submitted,

Dated: April 13, 2017

By: 

Frank A. Bruno
Registration No. 46,583
White and Williams LLP
Customer No.: 112301
Direct Tel. No.: 215-864-6225

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	0033632-00019
	Application Number	
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.
This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secrecy Order 37 CFR 5.2:

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Yousuf		Chowdhary	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Maple, Ontario	Country of Residence	CA

Mailing Address of Inventor:

Address 1	191 Athabaska Drive		
Address 2			
City	Maple	**State/Province**	ON
Postal Code	L6A 3R9	**Country**	CA

Inventor 2 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Jeffrey		Brunet	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Aurora, Ontario	Country of Residence	CA

Mailing Address of Inventor:

Address 1	9 Candac Valley Drive		
Address 2			
City	Aurora	**State/Province**	ON
Postal Code	L4G 6W7	**Country**	CA

Inventor 3 Remove

Legal Name

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	0033632-00019
	Application Number	
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

Prefix	Given Name	Middle Name	Family Name	Suffix
	Ravinder ("Ray")		Sharma	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Toronto	Country of Residence	CA

Mailing Address of Inventor:

Address 1	7 Tudor Gate		
Address 2			
City	Toronto	State/Province	ON
Postal Code	M2L 1N3	Country	CA

Inventor 4 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Oliver ("Lake")		Watkins	Jr.

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Toronto	Country of Residence	CA

Mailing Address of Inventor:

Address 1	205 Carlton Street, Apartment 1		
Address 2			
City	Toronto	State/Province	ON
Postal Code	M5A 2K9	Country	CA

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

☐ **An Address is being provided for the correspondence Information of this application.**

Customer Number	112301		
Email Address	ipdocket@whiteandwilliams.com	Add Email	Remove Email

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	0033632-00019
	Application Number	
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

Application Information:

Title of the Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay		
Attorney Docket Number	0033632-00019	**Small Entity Status Claimed**	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	4	**Suggested Figure for Publication (if any)**	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☐ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).
Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	◉ Customer Number	○ US Patent Practitioner	○ Limited Recognition (37 CFR 11.9)
Customer Number	112301		

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	0033632-00019
	Application Number	
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.
When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Continuation of	14084113	2013-11-19
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
14084113	Claims benefit of provisional	61796715	2012-11-19

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button.

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)[i] the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

			Remove
Application Number	Country[i]	Filing Date (YYYY-MM-DD)	Access Code[i] (if applicable)

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button.

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	0033632-00019
	Application Number	
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	0033632-00019
	Application Number	
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

◉ Assignee	○ Legal Representative under 35 U.S.C. 117	○ Joint Inventor
○ Person to whom the inventor is obligated to assign.	○ Person who shows sufficient proprietary interest	

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here. ☒

Organization Name	2343127 Ontario Inc.		
Mailing Address Information For Applicant:			
Address 1	67 Yonge Street		
Address 2	Suite 1600		
City	Toronto	**State/Province**	
Country	CA	Postal Code	M5E 1J8
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button.

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	0033632-00019
	Application Number	
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

If the Assignee or Non-Applicant Assignee is an Organization check here. ☐

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1			
Address 2			
City		**State/Province**	
Country		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Frank A. Bruno/			Date (YYYY-MM-DD)	2017-04-13
First Name	Frank	Last Name	Bruno	Registration Number	46583

Additional Signature may be generated within this form by selecting the Add button.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	0033632-00019
	Application Number	
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1 The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3 A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent CooperationTreaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay

As the below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application, or

☒ United States application or PCT international application number 15/215,406 filed on July 20, 2016.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Oliver ("Lake") Watkins Date (Optional) :_____

Signature: _____

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Patent Application Fee Transmittal

Application Number:	15215406
Filing Date:	20-Jul-2016
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Filer:	Frank Anthony Bruno
Attorney Docket Number:	0033632-00019

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension - 3 months with $0 paid	2253	1	700	700
Miscellaneous:				
CORRECTION OF INVENTORSHIP ON MERITS	2819	1	300	300
		Total in USD ($)		**1000**

Electronic Acknowledgement Receipt

EFS ID:	28920960
Application Number:	15215406
International Application Number:	
Confirmation Number:	4322
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Customer Number:	112301
Filer:	Frank Anthony Bruno
Filer Authorized By:	
Attorney Docket Number:	0033632-00019
Receipt Date:	13-APR-2017
Filing Date:	20-JUL-2016
Time Stamp:	15:34:07
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$1000
RAM confirmation Number	041417INTEFSW00002145506044
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Amendment/Req. Reconsideration-After Non-Final Reject	003363200019Response.pdf	64847 98d4c3c78210e8df9ecf43a2aa15ca9af9335fa	no	7
Warnings:					
Information:					
2	Extension of Time	003363200019EOT.pdf	163643 aa3c3d55dcf11e87a43a15716d5baad5c5846a6b	no	2
Warnings:					
Information:					
3	Transmittal Letter	003363200019Transmittaltoaddinventor.pdf	48882 cedaaa8d14f59f1b55a9a6f21a7e8abce2486fe1	no	2
Warnings:					
Information:					
4	Application Data Sheet	003363200019ADSredlined.pdf	140634 544234872d6431947c646b733104f1c87264f979	no	9
Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					
5	Oath or Declaration filed	WatkinsDec.pdf	34025 414169a2835bffa189205eabdcdf7ff6cb4db09f	no	1
Warnings:					
Information:					
6	Fee Worksheet (SB06)	fee-info.pdf	32360 e21f8b570f9b7102cc2b0184a3ea8f71495267eb	no	2
Warnings:					

Information:	
Total Files Size (in bytes):	484391

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 15/215,406	Filing Date 07/20/2016	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE ($)	FEE ($)
☒ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	**140**
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	**140**

APPLICATION AS AMENDED – PART II

AMENDMENT **04/13/2017**

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 28	Minus	** 29	= 0	X $40 =	0
Independent (37 CFR 1.16(h))	* 1	Minus	***3	= 0	X $210 =	0
☐ Application Size Fee (37 CFR 1.16(s))						
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	**0**

AMENDMENT

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))						
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
TER JACKSON WOODRUFF

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/215,406	07/20/2016	Yousuf Chowdhary	0033632-00019	4322

112301 7590 08/22/2017

Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

EXAMINER	
HENRY, THOMAS HAYNES	

ART UNIT	PAPER NUMBER
3717	

NOTIFICATION DATE	DELIVERY MODE
08/22/2017	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipdocket@whiteandwilliams.com

Office Action Summary	Application No. 15/215,406	Applicant(s) CHOWDHARY ET AL.	
	Examiner THOMAS H. HENRY	Art Unit 3717	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *4/13/17*.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5)☒ Claim(s) *1-5,7-21 and 23-30* is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-5,7-21 and 23-30* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

1. The present application is being examined under the pre-AIA first to invent provisions.

Claim Rejections - 35 USC § 101

1. 35 U.S.C. 101 reads as follows:

> Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

2. Claims 1-29 are rejected under 35 U.S.C. 101 because the claimed invention is directed to a judicial exception (i.e., a law of nature, a natural phenomenon, or an abstract idea) without significantly more according to the guidance of the July 2015 Update to Subject Matter eligibility.

3. Claims 1-29 pass step 1 of the test for eligibility.

4. Claims 1-29 fails step 2A. The invention is directed to the abstract idea(s) of supplementing or replacing a storyline with a local element script based on the location of the player in a game. This is an idea of itself, as it can be performed merely mentally or with a pen and paper, such as in a tabletop style RPG game, wherein a first user sets a scenario for a second user, and the first user can supplant the storyline with a storyline related to a local event.

5. With respect to step 2B, claims 1-29 do not include additional elements that are sufficient to amount to significantly more than the judicial exception identified in step 2A because generically recited computer elements do not add a meaningful limitation to the abstract idea because they would be routine in any computer implementation. In particular the steps of “providing access to at least one video game”, “detecting at the

computer device a player location and storing the location on the storage means" and "retrieving from a database" are all generically recited computer elements, which generically recite accessing, storing and retrieving of information.

6. Dependent claims merely set forth additional elements of the abstract idea and do incorporate the significantly more required to overcome the 35 U.S.C. 101 hurdle.

Double Patenting

7. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on nonstatutory double patenting provided the reference application or patent either is shown to be commonly owned with the examined application, or claims an invention made as a

result of activities undertaken within the scope of a joint research agreement. See MPEP § 717.02 for applications subject to examination under the first inventor to file provisions of the AIA as explained in MPEP § 2159. See MPEP §§ 706.02(l)(1) - 706.02(l)(3) for applications not subject to examination under the first inventor to file provisions of the AIA. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

The USPTO Internet website contains terminal disclaimer forms which may be used. Please visit www.uspto.gov/patent/patents-forms. The filing date of the application in which the form is filed determines what form (e.g., PTO/SB/25, PTO/SB/26, PTO/AIA/25, or PTO/AIA/26) should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers, refer to www.uspto.gov/patents/process/file/efs/guidance/eTD-info-I.jsp.

8. Claims 1-5, 7-21, and 23-30 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1-25 of U.S. Patent No. 8668592. Although the claims at issue are not identical, they are not patentably distinct from each other because both relate to adjusting a video game virtual environment based on the physical location of a player.

Claim Rejections - 35 USC § 102

9. In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.

10. The following is a quotation of the appropriate paragraphs of pre-AIA 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

11. Claims 1-5, 7-14, 16-21, and 23-30 are rejected under pre-AIA 35 U.S.C. 102(b) as being anticipated by Alghamdi (US 20110183754).

12. In re claim 1, Alghamdi discloses

- Providing access to a video game having a virtual character with a virtual character statistic (paragraph 29. The virtual character is described. With respect to a “virtual character statistic” this is broad language which appears to merely require something stored in the computing device relating to a virtual

character. A wide variety of "virtual character statistics" appear in the prior art, for example paragraph 29's "aspects" of the virtual character are the "statistic" of the character. Paragraph 25 describes "people's names appearing in the game" as an example of a statistic, or paragraph 34 is "suitable clothes" as a statistic. Paragraph 36 discloses the clothes a virtual character is cooking, which could also be a "virtual character statistic" as it is what the virtual character is interacting with) in which a player is able to interact with the video game according to a storyline (paragraph 7)

- Detecting with the location sensor (paragraph 17, GPS receiver) a real world player location and storing the real world location in the storage means (paragraph 8)
- Creating in a database a local element script actuatable in the video game (paragraph 36)
- Using the computing device to retrieve mapping information related to the real world player location and to actuate the local element script in the video game, wherein the local element script modifies the virtual character statistic (paragraph 29, 25, 34, 36)

13. In re claim 2 Alghamdi detecting a second or subsequent location in the course of gameplay and retrieving a second or further local element script, the second or further local element script being related to the second or subsequent location and its element (paragraph 8)

14. In re claim 3, Alghamdi discloses the correlating of the local element takes account of an operating context within the game (paragraph 36)

15. In re claim 4, Alghamdi discloses the video game includes at least one virtual character and the local element script modifies the virtual character's appearance, facial or body expression or health (paragraph 34)

16. In re claim 5, Alghamdi discloses the local element script modifies the tools, weapons, equipment or clothing of the virtual character (paragraphs 34)

17. In re claim 7, Alghamdi discloses the local element is used to determine overall mood or tension of a location and the local element script modifies character statistics representing mood or aggression in the virtual character (paragraph 36)

18. In re claim 8, Alghamdi discloses one or a combination of plot, plot nodes, character interactions, encounters, scene, setting, aesthetics, levels, premise or theme (paragraph 36)

19. In re claim 9, Alghamdi discloses modifying the scene or setting of the storyline (paragraph 36)

20. In re claim 10, Alghamdi discloses modifying or introducing non player characters, game monsters, enemies, traps, or puzzles corresponding to the local element (paragraph 36. The cooking game provides different food to cook depending on location which is interpreted as a puzzle)

21. In re claim 11, Alghamdi discloses a combination of local events, indicators, and celebrities or news figures (paragraph 36)

22. In re claim 12, Alghamdi discloses a local news item and modifying the storyline to reflect that news item (paragraph 36)

23. In re claim 13, Alghamdi discloses a crowd of non player characters (paragraph 36

24. In re claim 14, Alghamdi discloses a social indicator (paragraph 36, religion)

25. In re claim 16, Alghamdi discloses a key word extracted from the news stream of local news items (paragraph 36)

26. In re claim 17, Alghamdi discloses a change based on a change of location (paragraph 8 discloses real time location determination)

27. In re claim 18, Alghamdi discloses a default location if the location is unsupported (paragraph 16 discloses that the default is that a player may manually input a location)

28. In re claim 19, Alghamdi discloses that an approximate match is determined (paragraph 16 discloses that either approximate or more specific information can be used)

29. In re claims 20 and 21, Alghamdi discloses the storage means being local storage, and inbuilt memory (paragraph 39)

30. In re claim 23, Alghamdi discloses retrieving player location from a sensor (paragraph 3)

31. In re claim 24, Alghamdi discloses a mobile device (paragraph 10)

32. In re claim 25, Alghamdi discloses GPS (paragraph 3)

33. In re claim 26, Alghamdi a fantasy location (paragraph 45)

34. In re claim 27, Alghamdi discloses retrieval of a map location from a map (paragraph 3)

35. In re claims 28 and 29, Alghamdi discloses the location is detected at login or during gameplay (paragraph 34)

36. In re claim 30, Alghamdi discloses retrieving from a database using the computing device a local element based on the real world player location (paragraphs 25, 29, 34, 36)

Claim Rejections - 35 USC § 103

37. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

38. Claims 15 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Alghamdi.

39. In re claim 15, Alghamdi discloses the claimed invention except introducing a local celebrity or news figure, however official notice was taken in the non final dated 10/14/16 and was not argued in the arguments of 4/13/17, thus it is taken as applicant admitted prior art that this is notoriously well known news and location related information, as such it would have been obvious to one of ordinary skill in the art to incorporate this type of information into the storyline of a video game as taught by Alghamdi.

Response to Arguments

40. Applicant's arguments have been fully considered but they are not persuasive.

41. Applicant's addition of Watkins Jr as a 4th inventor overcomes the 102(e) rejection under Watkins, however a non statutory double patenting rejection has been added.

42. Applicant argues that a tabletop RPG cannot provide the instant application as it does not include determining the location using a location sensor, although the sensor itself is not within a tabletop style RPG, the sensor does not amount to significantly more than the abstract idea under step 2B. In the real world, the pen and paper game creator would be able to determine the real world location merely mentally.

43. Applicant argues that the instant application cannot be provided in a tabletop style RPG as a tabletop style RPG is fantasy rather than engagement with real world locations. Examiner agrees that a tabletop RPG does not inherently have the features of these instant application, however applicant appears to be conflating an art rejection with a 101 rejection. Examiners 101 rejection maintains that the instant application could be performed with pen and paper for a tabletop style RPG (for example including local elements in such a game)

44. Applicant argues Alghamdi does not refer to "local element scripts" (or scripts of any kind). Applicant has provided no explanation for what exactly applicant believes is required by "local element scripts" which is not provided by Alghamdi. The term "script" in computer science has the plain meaning of "an automated series of instructions carried out in a specific order". Script is essentially a broader term which encompasses

any computer program. The prior art is a computing system, and as such all the elements performed by the computer are performed by scripts. Examiner points to paragraph 14 which positively identifies "processing game programs".

45. Official notice taken for claim 15 is taken as applicant admitted prior art under MPEP 2144.03(c).

Conclusion

46. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to THOMAS H. HENRY whose telephone number is (571)270-3905. The examiner can normally be reached on M-F 10 AM - 5 PM.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kang Hu can be reached on 571-270-1344. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/THOMAS H HENRY/
Examiner
Art Unit 3717

/KANG HU/

Supervisory Patent Examiner, Art Unit 3717

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	"13325151"	US-PGPUB; USPAT	OR	OFF	2017/07/24 08:48
S1	241	(A63F13/65).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:18
S2	119	(A63F13/60).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S3	6605	(A63F13/10).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S4	7979	(A63F13/12).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S5	0	change with story with local with game	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:57
S6	1	change with story with location with game	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:57
S7	83	("463").clas. and (location with customize)	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:58
S8	33	("20060189371" | "7484176" | "20080139306" | "20080070669" | "5941772" | "20110190066" | "20070077978" | "20090156179" | "20070259713" | "20080026838" | "6476830" | "20070093299" | "6887157" | "7090576" | "20050037845" | "20080020788" | "20090023489" | "20110201414" | "20030083943" | "20080167106" | "20030188306" | "20050137015" | "20060240894" | "20070060330" | "20120322550" | "20090124384" | "20050227811" | "20030073494" | "20090124386" | "20020042740" | "20070197296" | "20080181535" | "20100137067").PN.	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:04
S9	23	S8 and location	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:04
S10	1133	("463").clas. and (location with (item story storyline building))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:10
S11	15408	game and (location with (item story storyline building))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:10

S12	812	("463").clas. and (location with (item story storyline))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:11
S13	98	("463").clas. and (location with (story storyline))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:11
S14	1	"20070021203"	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:13
S15	1	"20110319148"	US-PGPUB; USPAT	OR	OFF	2016/01/06 20:00
S16	60	("463").clas. and (player with location) same (story storyline)	US-PGPUB; USPAT	OR	OFF	2016/01/11 16:12
S17	9	("463").clas. and (geographic with location) same (story storyline)	US-PGPUB; USPAT	OR	OFF	2016/01/11 16:12

EAST Search History (Interference)

< This search history is empty>

7/ 24/ 2017 8:53:06 AM
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Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15215406	CHOWDHARY ET AL.
	Examiner	Art Unit
	THOMAS H HENRY	3717

CPC- SEARCHED		
Symbol	Date	Examiner
A63F13/65, 13/60, 13/10, 13/12	10/1/16	TH

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

SEARCH NOTES		
Search Notes	Date	Examiner
EAST search	10/1/16	TH
Inventor Name Search	10/1/16	TH
updated search	7/19/17	TH

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

PTO/SB/30 (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Request for Continued Examination (RCE) Transmittal

Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	15215406
Filing Date	July 20, 2016
First Named Inventor	Yousuf Chowdhary et al.
Art Unit	3717
Examiner Name	Thomas Haynes Henry
Attorney Docket Number	0033632-00019

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. Submission required under 37 CFR 1.114 Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

   a. ☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

      i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

      ii. ☐ Other _____

   b. ☑ Enclosed

      i. ☑ Amendment/Reply

      ii. ☐ Affidavit(s)/ Declaration(s)

      iii. ☐ Information Disclosure Statement (IDS)

      iv. ☐ Other _____

2. Miscellaneous

   a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

   b. ☐ Other _____

3. Fees The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

   a. ☑ The Director is hereby authorized to charge the following fees, any underpayment of fees, or credit any overpayments, to Deposit Account No. 506044.

      i. ☑ RCE fee required under 37 CFR 1.17(e)

      ii. ☐ Extension of time fee (37 CFR 1.136 and 1.17)

      iii. ☐ Other _____

   b. ☐ Check in the amount of $ _____ enclosed

   c. ☐ Payment by credit card (Form PTO-2038 enclosed)

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Signature	/Frank A. Bruno/	Date	02/21/18
Name (Print/Type)	Frank A. Bruno	Registration No.	46583

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Under Appeal **-** If the RCE is improper (e.g., the submission or the fee has not been filed) and the application is under appeal, the improper RCE is effective to withdraw the appeal. Withdrawal of the appeal results in the allowance or abandonment of the application depending on the status of the claims. If there are no allowed claims, the application is abandoned. If there is at least one allowed claim, the application will be passed to issue on the allowed claim(s). See MPEP 1215.01.

See MPEP 706.07(h) for further information on the RCE practice.

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Electronic Patent Application Fee Transmittal

Application Number:	15215406
Filing Date:	20-Jul-2016
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Filer:	Frank Anthony Bruno/Claire Volpe
Attorney Docket Number:	0033632-00019

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
RCE- 1st Request	2801	1	650	650
STATUTORY OR TERMINAL DISCLAIMER	2814	1	160	160
		Total in USD ($)		**810**

Electronic Acknowledgement Receipt

EFS ID:	31849440
Application Number:	15215406
International Application Number:	
Confirmation Number:	4322
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Customer Number:	112301
Filer:	Frank Anthony Bruno/Claire Volpe
Filer Authorized By:	Frank Anthony Bruno
Attorney Docket Number:	0033632-00019
Receipt Date:	21-FEB-2018
Filing Date:	20-JUL-2016
Time Stamp:	15:46:26
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$810
RAM confirmation Number	022218INTEFSW00002478506044
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Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		RESPONSE.pdf	182827 f20d60227d9859e7154c5016bd5e0a6f1a770251	yes	13

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Response After Final Action	1	1
	Claims	2	5
	Applicant Arguments/Remarks Made in an Amendment	6	13

Warnings:					
Information:					
2	Terminal Disclaimer Filed	TERMINALDISCLAIMER.pdf	148630 fe6bcecc403eda71e1997d7ffaf566a2400b0668	no	2
Warnings:					
Information:					
3	Request for Continued Examination (RCE)	RCE.pdf	103251 bc993a897366255a7457ce22e4788aee0544c201	no	3
Warnings:					
This is not a USPTO supplied RCE SB30 form.					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	32221 33794df7088e5fd3d69c97e20fae5e4fa428b850	no	2
Warnings:					
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		Total Files Size (in bytes):	466929		

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New International Application Filed with the USPTO as a Receiving Office

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Attorney Docket No.: 0033632-00019

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yousuf Chowdhary et al.	:	Group Art No.: 3717
Serial No.: 15/215,406	:	Confirmation No.: 4322
Filed: July 20, 2016	:	Examiner: Thomas Haynes Henry

For: *Systems and Methods for Capture and Use of Local Elements in Gameplay*

Commissioner for Patents
P.O. Box 1450
Arlington, Virginia 22313-1450

RESPONSE TO FINAL OFFICE ACTION

Dear Sir/Madam:

Applicant respectfully submits this Response to the Final Office Action mailed November 22, 2017, along with a Request for Continued Examination and a Terminal Disclaimer. The application is respectfully requested to be amended as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.

CLAIMS

1. (Presently amended) A computer-implemented method of enabling virtual gameplay on a computing device in communication with a storage means and a location sensor, the method comprising the steps of:

providing access to a video game having a virtual character with a virtual character statistic in which a player in a real world player location interacts ~~is able to interact~~ with the video game and with other players in other real world player locations playing other virtual characters;

detecting with the location sensor [[a]] the real world player location of the player,

and storing the real world player location in the storage means;

creating in a database a local element script actuatable in the video game; and

using the computing device to retrieve mapping information related to the real world player location and to actuate the local element script in the video game, wherein the local element script modifies the virtual character statistic, and the local element script also affects the other players' virtual characters in the other real world player locations while the player is interacting with the video game.

2. (Previously presented) The method of claim 1, further comprising detecting a second or subsequent location in the course of gameplay, and creating a second or further local element script, the second or further local element script being related to the second or subsequent location.

3. (Previously presented) The method of claim 1, wherein the creation of the local element script takes account of an operating context within the game.

4. (Previously presented) The method of claim 1, wherein the local element script modifies the virtual character's appearance, facial or body expression or health.

5. (Previously presented) The method of claim 1, wherein the local element script modifies the tools, weapons, equipment or clothing of the virtual character.

6. (Cancelled)

7. (Previously presented) The method of claim 30, wherein the local element is used to determine overall mood or tension of a location, and the local element script modifies character statistics representing mood or aggression in the virtual character.

8. (Previously presented) The method of claim 1, wherein the player is able to interact with the video game according to a storyline which comprises one or a combination of plot, plot nodes, character interactions, encounters, scene, setting, aesthetics, levels, premise, or theme.

9. (Original) The method of claim 8, wherein the local element script modifies the scene or setting of the storyline.

10. (Previously presented) The method of claim 30, wherein the local element script modifies or introduces non-player characters, game monsters, enemies, traps or puzzles corresponding to the local element.

11. (Previously presented) The method of claim 30, wherein the local element comprises one or a combination of local events, local indicators, and local celebrities or news figures.

12. (Previously presented) The method of claim 30, wherein the local element is a local news item and the local element script modifies the storyline to reflect that news item.

13. (Original) The method of claim 12, wherein, if the news item refers to a crowd of people, the local element script introduces a crowd of non-player characters into the storyline.

14. (Previously presented) The method of claim 30, wherein the local element is a weather, social, political, economic, stock market, demographic, traffic, crime, or construction indicator

relevant to the location, and the local element script modifies the storyline to reflect that indicator.

15. (Previously presented) The method of claim 30, wherein the local element is a local celebrity or news figure, and the local element script modifies the storyline to introduce a non-player character representing that local celebrity or news figure.

16. (Original) The method of claim 12, wherein the local element comprises a keyword extracted from a news stream of local news items.

17. (Original) The method of claim 1, wherein the location is re-detected at intervals, and in the event of a change in the location, a virtual character is shown moving to a new scene in the storyline.

18. (Original) The method of claim 1, wherein if a null location is detected or the detected location is unsupported, a default or random storyline is provided.

19. (Original) The method of claim 1, wherein if the location does not match a local element in the database, an approximate match is used.

20. (Original) The method of claim 1, wherein the storage means is provided by one or a combination of: a local fixed memory, a local removable memory, a remote fixed memory, a remote removable memory, and a virtual memory.

21. (Original) The method of claim 1, wherein the storage means is selected from the group consisting of: a local data storage of a game console, a local inbuilt memory, a user provided memory, an online server, and a shared folder on a network.

22. (Cancelled)

23. (Original) The method of claim 1, wherein the player is enabled to play the game using a game device, and the player location is detected by an on-board sensor on the game device.

24. (Original) The method of claim 23, wherein the game device is a mobile device.

25. (Original) The method of claim 1, wherein the detecting step includes retrieving player location from one or a combination of GPS, A-GPS, WiFi, IP address, account or billing address, and player provided location information.

26. (Original) The method of claim 25, wherein the player provided location information is a fantasy location.

27. (Previously presented) The method of claim 1, wherein the mapping information includes at least one map from a map database representing the detected location.

28. (Original) The method of claim 1, wherein the location is detected at login.

29. (Original) The method of claim 1, wherein the location is detected during gameplay.

30. (Previously presented) The method of claim 1, further comprising retrieving from a database using the computing device a local element based on the real world player location.

REMARKS

I. Status of Claims

Claims 1-5, 7-21, and 23-30 were pending.

Claims 1-5, 7-21, and 23-30 were rejected in the final office action.

Claim 1 is hereby amended.

II. Responses to Rejections

Claims 1-5, 7-21, 23-30 were presented for examination and were pending in this application. In the latest Office Action, claims 1-5, 7-21, and 23-30 were rejected. With this amendment, claim 1 is amended. On the basis of the following remarks, consideration of this application and allowance of all pending claims are requested.

A. Summary of Interview

Applicants thank Examiner Thomas Haynes Henry for conducting a telephone interview with the Assignee's representatives, Frank Bruno and Jennifer Jannuska, on December 12, 2017. During the interview, an overview of the claimed invention was provided and the § 102 rejection of claim 1 was discussed. A proposed amendment of claim 1 was reviewed. The Examiner provided his input and tentative agreement was reached in regards to novelty over the Alghamdi reference. Section 101 issues were not discussed.

B. Rejection under 35 U.S.C. § 101

The pending claims are rejected under 35 U.S.C. § 101 because the claimed invention is directed to a judicial exception (i.e., a law of nature, a natural phenomenon, or an abstract idea) without significantly more.

To determine subject matter eligibility, claims must be analyzed using a two-step analysis as set forth in *Mayo Collaborative Serv. v. Prometheus Labs., Inc.*, 132 S. Ct. 1289 (2012) and further elaborated on in *Myriad and Alice Corp. v. CLS Bank Int'l*, 134 S. Ct. 2347 (2014)

(herein referred to as the *Alice* test). The USPTO has issued guidance for evaluating applications for patent subject matter eligibility, which is presently incorporated in MPEP 2106.

Pursuant to MPEP 2016.04 (I), the first step of the two-part *Alice* test is to determine whether the claims are directed to one of the judicially recognized exceptions to the four statutory categories of invention. These include laws of nature, natural phenomena, and abstract ideas. As noted in MPEP 2106.04 (II) and emphasized by the Supreme Court, all inventions at some level "embody, use, reflect, rest upon or apply a law of nature, natural phenomenon, or abstract idea." *Alice Corp. v. CLS Bank Int'l*, 134 S. Ct. 2341, 2354 (2014). For this reason, the Supreme Court in *Alice* cautioned courts to "tread carefully in construing this exclusionary principle lest it swallow all of patent law." *Id.* Indeed, "an invention is not rendered ineligible simply because it involves an abstract concept. Applications of such concepts 'to a new and useful end,' remain eligible for patent protection." *Id.*

Regarding this first step of the *Alice* test, the § 101 rejection states that the claims are directed to the abstract idea(s) of supplementing or replacing a storyline with a local element script based on the location of the player in a game, which is said to be "an idea of itself", as it can allegedly be performed merely mentally or with a pen and paper. *See* Office Action, p. 2.

First, the examiner fails to explain how the present claims are similar to at least one concept identified by the courts as a judicial exception. As emphasized by MPEP 2016.04 (II), the designation of various types of abstract ideas is meant to guide examiners and ensure that a claimed concept is not identified as an abstract idea unless it is "similar to at least one concept that the courts have identified as an abstract idea." However, here the examiner makes a conclusory statement that the claims are directed to an abstract idea without explaining how the present claims are similar to those in any particular case.

The examiner's conclusory analysis fails to properly establish the reasoning for the examiner's rejection and meet the examiner's burden under 35 U.S.C. § 132 to provide notice and reasons for the rejection. As per MPEP 2106.07(b), it is only after the examiner identifies and explains in the record why the claim is for the abstract idea that the burden shifts to the applicant. For the reasons above, the § 101 rejection is improper and should be withdrawn.

While not cited by the examiner, the *In re Smith* decision is perhaps appropriate as it pertains to "game rules". *See In re Ray Smith, Amanda Tears Smith*, 815 F.3d 816 (Fed. Cir. 2016).

Although the CAFC found in that case that the claims were ineligible, the reason for their ineligibility was not the mere fact of pertaining to game rules. The CAFC found that the disputed claims in *In re Smith* were "directed to rules for conducting a wagering game" which is "effectively, a method of exchanging and resolving financial obligations." *Id.* at 818. The claims were "drawn to an abstract idea much like Alice's method of exchanging financial obligations." *Id.* at 819. By contrast, the present claims are not drawn to any type of financial obligation exchange.

Further, even if the claims are directed to an abstract idea, the second step of the *Alice* test confirms the claims are patent eligible. The second step of the two-part *Alice* test is for the examiner to determine if the claims recite additional elements that amount to "significantly more" than the judicial exception. Although what constitutes "significantly more" is not a bright line test, MPEP 2106.05 points to a number of cases decided by the Court of Appeals for the Federal Circuit that provide examples of cases that both did and did not meet this prong of the test.

The CAFC held in *In re Smith* that the disputed claims failed the second step because shuffling and dealing a standard deck of cards are purely conventional activities. However, unlike *In re Smith*, the present claims recite specific and concrete steps that are not conventional. For example, claim 1 requires:

- "providing access to a video game"
- "detecting with [a] location sensor the real world player location of the player"
- "using the computing device to retrieve mapping information related to the real world player location"
- "[actuating] a local element script in the video game"

The recited claim limitations introduce substantial elements that are not game rules and that are not purely conventional steps. Thus, the present claims include elements that alone and when taken as a whole amount to significantly more.

MPEP 2106.05 (II) states that "examiners should rely on what the courts have recognized, or those of ordinary skill in the art would recognize, as elements that describe well-understood, routine activities." Aside from conclusory statements, the examiner does not demonstrate why these claimed limitations would constitute conventional and well understood activities in rejecting the claims under U.S.C. § 101.

Further, in *In re Smith*, the CAFC stated in their ruling that they "could envisage… claims directed to conducting a game using a new or original deck of cards potentially surviving step two of Alice." *In re Smith*, 815 F.3d 816 at 819. The present claims are related to a new type of virtual world video game using location sensing which is analogous to conducting a game using a new type or original deck of cards (i.e. a new game "mechanic"). Since the claims

are related to a new and original type of game with a new mechanic, the present claims are patent eligible under the second step of the *Alice* test.

In addition, the claims of the application are analogous to the claims at issue in the DDR Holdings case, which is specifically mentioned in MPEP 2106.05 (A) as an example of "significantly more" than the judicial exception. *See DDR Holdings, LLC v. Hotels.com, L.P.*, 2014 U.S. App. LEXIS 22902, 14 (Fed. Cir. Dec. 5, 2014). Similar to the reasoning in *DDR Holdings*, the claims here meet the second step of the Alice test because the claimed solution is "necessarily rooted in computer technology in order to overcome a problem specifically arising in the realm of computer networks." *Id.* at 1257.

As described in the "Background" section of the specification, the claimed invention solves a problem of how to exploit a player's emotional bond with the player's real world location in making the storyline of a virtual world "a more interesting and meaningful experience." Para. [0006]. As a result of the problem, Applicants devised to use player location sensing to affect scripts used in the gameplay. Virtual world games run on computer networks. Therefore, this is a problem specifically arising in the realm of computer networks.

To solve this computer network problem, the claimed invention uses a location sensor, retrieved mapping information, and local element scripts. Therefore, the solution is rooted in computer technology. Similar to *DDR Holdings*, the claimed invention solves a problem specifically arising in the realm of computer networks using a solution rooted in computer technology.

Accordingly, based on the above, the § 101 rejection is improper. Withdrawal of the rejection is requested.

C. Double Patenting

The pending claims are rejected on the ground of non-statutory double patenting as being unpatentable over claims 1-25 of U.S. Patent No. 8,668,592. Accordingly, a terminal disclaimer is filed herewith to overcome this rejection.

D. Rejection under 35 U.S.C. § 102

Claims 1-5, 7-14, 16-21 and 23-30 are rejected under 35 U.S.C. § 102(b) as being anticipated by Alghamdi (US 20110183754). As discussed with the examiner, claim 1 has been amended, and in particular, applicants submit that Alghamdi does not disclose any interaction between virtual characters in a video game (multiple players in real world player locations) or a local element script that also affects the other players in the other real world player locations while the player is interacting with the video game.

Alghamdi has, at most, players playing in isolation in different locations. For example, para. [0036] discusses a girl playing a cooking game in Paris, and another girl playing a cooking game in Cairo. Neither the players, nor their characters, interact. In fact, due to concerns of "local time inconsistency" expressed in paras. [0032 and 0033], Alghamdi is against overlap ("According to previous gaming systems, a player playing a game at 5 pm (local time) in Oslo will experience the same activities and environment in the game as a player in Jeddah playing at 5 pm (local time). This should not happen…")

By contrast, one of the advantages of the present method is its application in multiplayer games where player location affects multiple players and their characters. As provided in para. [0099]:

> In one embodiment, a player logs on the gaming server, a set of plot nodes associated with the local element(s) of the player location may now become available to the other players engaged in the gameplay of the virtual world. When another player logs off, the set of plot nodes associated with that

> particular location's local elements may now be unavailable to the players still playing the game. Thus the gameplay changes as players from diverse real world locations with varying sets of local elements engage and disengage in the gameplay of the virtual world.

One particular application of the present method is in massively multiplayer role playing games (MMORPGs). As provided in para. [0118]:

> In one embodiment of the invention relating to a MMORPG (Massively Multiplayer Online Role Playing Game) the local elements of the respective locations of the players engaged in the gameplay at any given time impacts the storyline. Thus for example certain branches of the storyline and/or set(s) of plot nodes may become available when players from a certain location are either logged in or logged off.

This is in no way disclosed, taught or suggested in Alghamdi.

E. Rejection under 35 U.S.C. § 103

Claim 15 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Alghamdi. Claim 15 depends from claim 1 and is believed to patentably distinguish over Alghamdi for at least the reasons set out above.

The examiner has taken the position that news and location related information is notoriously well known. Applicant believes that the examiner has not considered the full text of claim 15, denies that the subject matter is notoriously well known, and puts the examiner to the strict proof thereof.

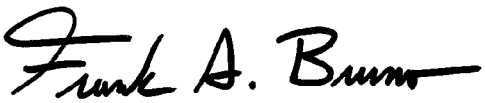
III. Conclusion

Entry of this Amendment is respectfully requested. No new matter is presented. Any fees are to be charged to Deposit Account No. 506044. Authorization is hereby given to charge Deposit Account no. 506044 for any future underpayment, or to credit any overpayments.

Please address all correspondence to ipdocket@whiteandwilliams.com. Should there be any questions or other matters that may be resolved by a telephone call, the Examiner is invited to contact the undersigned attorney at the number below.

Respectfully submitted,

Dated: February 21, 2018

By: 

Frank A. Bruno
Registration No. 46,583
White and Williams LLP
Customer No.: 112301
Direct Tel. No.: 215-864-6225

PTO/AIA/26 (04-14)
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TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT	Docket Number (Optional)

In re Application of: Yousuf Chowdhary et al.

Application No.: 15215406

Filed: July 20, 2016

For: Systems and Methods for Capture and Use of Local Elements in Gameplay

The applicant, 2343127 Ontario Inc., owner of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of **prior patent** No. 8668592 as the term of said **prior patent** is presently shortened by any terminal disclaimer. The applicant hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the **prior patent** are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the applicant does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the **prior patent**, "as the term of said **prior patent** is presently shortened by any terminal disclaimer," in the event that said **prior patent** later:

expires for failure to pay a maintenance fee;
is held unenforceable;
is found invalid by a court of competent jurisdiction;
is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
has all claims canceled by a reexamination certificate;
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Check either box 1 or 2 below, if appropriate.

1. ☐ The undersigned is the applicant. If the applicant is an assignee, the undersigned is authorized to act on behalf of the assignee.

I hereby acknowledge that any willful false statements made are punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

2. ☑ The undersigned is an attorney or agent of record. Reg. No. 46583

/Frank A. Bruno/ — Signature
2/21/18 — Date

Frank A. Bruno — Typed or printed name

Attorney — Title
215-864-6225 — Telephone Number

☑ Terminal disclaimer fee under 37 CFR 1.20(d) included.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The information provided by you in this form will be subject to the following routine uses:

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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
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PTO/SB/06 (09-11)
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 15/215,406	Filing Date 07/20/2016	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT **02/21/2018**

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 28	Minus	** 29	= 0	X $50 =	0
Independent (37 CFR 1.16(h))	* 1	Minus	***3	= 0	X $230 =	0
☐ Application Size Fee (37 CFR 1.16(s))						
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	0

AMENDMENT

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))						
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
GLORIA NORRIS

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
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Application Number	Application/Control No.	Applicant(s)/Patent under Reexamination	
	15/215,406	CHOWDHARY ET AL.	

Document Code - DISQ	Internal Document – DO NOT MAIL

TERMINAL DISCLAIMER	☒ APPROVED	☐ DISAPPROVED
Date Filed : 21 February, 2018	This patent is subject to a Terminal Disclaimer	

Approved/Disapproved by:

CHARRISSA BROWN

Technology Center: PLRC

Telephone: (571)272-1558

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/215,406	07/20/2016	Yousuf Chowdhary	0033632-00019	4322

112301 7590 05/18/2018

Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

EXAMINER
HENRY, THOMAS HAYNES

ART UNIT	PAPER NUMBER
3717	

NOTIFICATION DATE	DELIVERY MODE
05/18/2018	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipdocket@whiteandwilliams.com

Office Action Summary	Application No. 15/215,406	Applicant(s) CHOWDHARY ET AL.	
	Examiner THOMAS H. HENRY	Art Unit 3717	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5)☒ Claim(s) *1-5,7-21 and 23-30* is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-5,7-21 and 23-30* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

1. The present application is being examined under the pre-AIA first to invent provisions.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 2/21/18 has been entered.

Claim Rejections - 35 USC § 101

3. 35 U.S.C. 101 reads as follows:

> Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

4. Claims 1-5, 7-14, 16-21, and 23-30 are rejected under 35 U.S.C. 101 because the claimed invention is directed to a judicial exception (i.e., a law of nature, a natural phenomenon, or an abstract idea) without significantly more according to the guidance of the July 2015 Update to Subject Matter eligibility.

5. Claims 1-5, 7-14, 16-21, and 23-30 pass step 1 of the test for eligibility.

6. Claims 1-5, 7-14, 16-21, and 23-30 fails step 2A. The invention is directed to the abstract idea(s) of supplementing or replacing a storyline with a local element script based on the location of the player in a game. This is an idea of itself, as it can be

performed merely mentally or with a pen and paper as per *Cybersource*, such as in a tabletop style RPG game, wherein a first user sets a scenario for a second user, and the first user can supplant the storyline with a storyline related to a local event.

7. With respect to step 2B, claims 1-5, 7-14, 16-21, and 23-30 do not include additional elements that are sufficient to amount to significantly more than the judicial exception identified in step 2A because generically recited computer elements do not add a meaningful limitation to the abstract idea because they would be routine in any computer implementation. In particular the steps of “providing access to at least one video game”, “detecting at the computer device a player location and storing the location on the storage means" and "retrieving from a database” are all generically recited computer elements, which generically recite accessing, storing and retrieving of information. (See MPEP 2106.05(d) II. Electronic record keeping as per *Alice Corp*, Storing and retrieving information in memory as per *Versata Dev. Group*, receiving or transmitting data over a network as per *Symantec*, performing repetitive calculations as per *Flook*.)

8. Dependent claims merely set forth additional elements of the abstract idea and do incorporate the significantly more required to overcome the 35 U.S.C. 101 hurdle.

Claim Rejections - 35 USC § 103

9. In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of

rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.

10. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

11. Claims 1-5, 7-21, and 23-30 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Alghamdi (US 20110183754) in view of Ahmed (US 20130079144)

12. In re claim 1, Alghamdi discloses

- Providing access to a video game having a virtual character with a virtual character statistic (paragraph 29. The virtual character is described. With respect to a “virtual character statistic” this is broad language which appears to merely require something stored in the computing device relating to a virtual character. A wide variety of "virtual character statistics” appear in the prior art, for example paragraph 29’s “aspects” of the virtual character are the “statistic” of the character. Paragraph 25 describes “people’s names appearing in the game” as an example of a statistic, or paragraph 34 is "suitable clothes” as a statistic. Paragraph 36 discloses the clothes a virtual character is cooking, which could also be a “virtual character statistic” as it is what the virtual character is interacting with) in which a player in a real world player location interacts with the video game according to a storyline (paragraph 7)

- Detecting with the location sensor (paragraph 17, GPS receiver) a real world player location and storing the real world location in the storage means (paragraph 8)
- Creating in a database a local element script actuatable in the video game (paragraph 36)
- Using the computing device to retrieve mapping information related to the real world player location and to actuate the local element script in the video game, wherein the local element script modifies the virtual character statistic (paragraph 29, 25, 34, 36),

13. Alghamdi does not disclose that the player interacts with other players in other real world player locations playing other virtual characters (paragraph 34 discloses different players in other real world player locations playing with other virtual characters, but does not disclose the player playing **with** the other players) and the local element script also affects the other players virtual characters in the other real world player locations while the player is interacting with the video game, however Ahmed discloses the player interacting with other players in other real world player locations playing other virtual characters (paragraph 33, multi player) and the local element script also affects the other players virtual characters in the other real world player locations while the player is interacting with the video game (paragraph 33, the player characters are displayed as graphical avatars, with the game state also being displayed, thus the cooking of a French Omelet or particular French Clothing of the primary reference would be displayed in the games of the other players playing the game.) It would have been

obvious to one of ordinary skill in the art at the time the invention was made to combine Alghamdi with Ahmed in order to allow for multi player of Alghamdi.

14. In re claim 2 Alghamdi detecting a second or subsequent location in the course of gameplay and retrieving a second or further local element script, the second or further local element script being related to the second or subsequent location and its element (paragraph 8)

15. In re claim 3, Alghamdi discloses the correlating of the local element takes account of an operating context within the game (paragraph 36)

16. In re claim 4, Alghamdi discloses the video game includes at least one virtual character and the local element script modifies the virtual character's appearance, facial or body expression or health (paragraph 34)

17. In re claim 5, Alghamdi discloses the local element script modifies the tools, weapons, equipment or clothing of the virtual character (paragraphs 34)

18. In re claim 7, Alghamdi discloses the local element is used to determine overall mood or tension of a location and the local element script modifies character statistics representing mood or aggression in the virtual character (paragraph 36)

19. In re claim 8, Alghamdi discloses one or a combination of plot, plot nodes, character interactions, encounters, scene, setting, aesthetics, levels, premise or theme (paragraph 36)

20. In re claim 9, Alghamdi discloses modifying the scene or setting of the storyline (paragraph 36)

21. In re claim 10, Alghamdi discloses modifying or introducing non player characters, game monsters, enemies, traps, or puzzles corresponding to the local element (paragraph 36. The cooking game provides different food to cook depending on location which is interpreted as a puzzle)

22. In re claim 11, Alghamdi discloses a combination of local events, indicators, and celebrities or news figures (paragraph 36)

23. In re claim 12, Alghamdi discloses a local news item and modifying the storyline to reflect that news item (paragraph 36)

24. In re claim 13, Alghamdi discloses a crowd of non player characters (paragraph 36

25. In re claim 14, Alghamdi discloses a social indicator (paragraph 36, religion)

26. In re claim 16, Alghamdi discloses a key word extracted from the news stream of local news items (paragraph 36)

27. In re claim 17, Alghamdi discloses a change based on a change of location (paragraph 8 discloses real time location determination)

28. In re claim 18, Alghamdi discloses a default location if the location is unsupported (paragraph 16 discloses that the default is that a player may manually input a location)

29. In re claim 19, Alghamdi discloses that an approximate match is determined (paragraph 16 discloses that either approximate or more specific information can be used)

30. In re claims 20 and 21, Alghamdi discloses the storage means being local storage, and inbuilt memory (paragraph 39)

31. In re claim 23, Alghamdi discloses retrieving player location from a sensor (paragraph 3)

32. In re claim 24, Alghamdi discloses a mobile device (paragraph 10)

33. In re claim 25, Alghamdi discloses GPS (paragraph 3)

34. In re claim 26, Alghamdi a fantasy location (paragraph 45)

35. In re claim 27, Alghamdi discloses retrieval of a map location from a map (paragraph 3)

36. In re claims 28 and 29, Alghamdi discloses the location is detected at login or during gameplay (paragraph 34)

37. In re claim 30, Alghamdi discloses retrieving from a database using the computing device a local element based on the real world player location (paragraphs 25, 29, 34, 36)

38. In re claim 15, Alghamdi in view of Ahmed discloses the claimed invention except introducing a local celebrity or news figure, however official notice was taken in the non final dated 10/14/16 and was not argued in the arguments of 4/13/17, thus it is taken as applicant admitted prior art that this is notoriously well known news and location related information, as such it would have been obvious to one of ordinary skill in the art to incorporate this type of information into the storyline of a video game as taught by Alghamdi.

39.

Response to Arguments

40. Applicant's amendments overcome the rejection of Alghamdi, however a new grounds of rejection is made in view of Ahmed.

41. Applicant argues that the 101 is improper as examiner has not pointed to a particular piece of case law. Examiner now properly provides *Cybersource* as the case law behind the "pen and paper" reasoning of examiner's abstract idea rejection. Applicant provided no argument as to how the abstract idea identified by examiner could not merely be performed by pen and paper such as in a tabletop RPG.

42. Applicant argues that the invention amounts to significantly more than the abstract idea, however applicant claims generically recited computer elements found abstract by the courts, such as Electronic record keeping as per *Alice Corp*, Storing and retrieving information in memory as per *Versata Dev. Group*, receiving or transmitting data over a network as per *Symantec*, performing repetitive calculations as per *Flook*.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to THOMAS H. HENRY whose telephone number is (571)270-3905. The examiner can normally be reached on M-F 10 AM - 5 PM.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kang Hu can be reached on 571-270-1344. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/THOMAS H HENRY/
Examiner
Art Unit 3717

/KANG HU/
Supervisory Patent Examiner, Art Unit 3717

Notice of References Cited	Application/Control No. 15/215,406	Applicant(s)/Patent Under Reexamination CHOWDHARY ET AL.	
	Examiner THOMAS H. HENRY	Art Unit 3717	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-2013/0079144 A1	03-2013	Ahmed; Neshay	A63F13/87	463/42
	B	US-				
	C	US-				
	D	US-				
	E	US-				
	F	US-				
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FOREIGN PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	241	(A63F13/65).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:18
S2	119	(A63F13/60).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S3	6605	(A63F13/10).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S4	7979	(A63F13/12).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S5	0	change with story with local with game	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:57
S6	1	change with story with location with game	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:57
S7	83	("463").clas. and (location with customize)	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:58
S8	33	("20060189371" | "7484176" | "20080139306" | "20080070669" | "5941772" | "20110190066" | "20070077978" | "20090156179" | "20070259713" | "20080026838" | "6476830" | "20070093299" | "6887157" | "7090576" | "20050037845" | "20080020788" | "20090023489" | "20110201414" | "20030083943" | "20080167106" | "20030188306" | "20050137015" | "20060240894" | "20070060330" | "20120322550" | "20090124384" | "20050227811" | "20030073494" | "20090124386" | "20020042740" | "20070197296" | "20080181535" | "20100137067").PN.	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:04
S9	23	S8 and location	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:04
S10	1133	("463").clas. and (location with (item story storyline building))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:10
S11	15408	game and (location with (item story storyline building))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:10
S12	812	("463").clas. and (location with (item story storyline))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:11

S13	98	("463").clas. and (location with (story storyline))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:11
S14	1	"20070021203"	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:13
S15	1	"20110319148"	US-PGPUB; USPAT	OR	OFF	2016/01/06 20:00
S16	60	("463").clas. and (player with location) same (story storyline)	US-PGPUB; USPAT	OR	OFF	2016/01/11 16:12
S17	9	("463").clas. and (geographic with location) same (story storyline)	US-PGPUB; USPAT	OR	OFF	2016/01/11 16:12
S18	2	"13325151"	US-PGPUB; USPAT	OR	OFF	2017/07/24 08:48

EAST Search History (Interference)

< This search history is empty>

5/ 14/ 2018 1:25:59 PM
C:\ Users\ thenry\ Documents\ EAST\ Workspaces\ 14084113.wsp

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15215406	CHOWDHARY ET AL.
	Examiner	Art Unit
	THOMAS H HENRY	3717

CPC- SEARCHED		
Symbol	Date	Examiner
A63F13/65, 13/60, 13/10, 13/12	10/1/16	TH

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

SEARCH NOTES		
Search Notes	Date	Examiner
EAST search	10/1/16	TH
Inventor Name Search	10/1/16	TH
updated search	7/19/17	TH
updated search	5/14/18	TH

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/215,406	07/20/2016	Yousuf Chowdhary	0033632-00019	4322

112301 7590 12/13/2018

Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

EXAMINER
HENRY, THOMAS HAYNES

ART UNIT	PAPER NUMBER
3717	

NOTIFICATION DATE	DELIVERY MODE
12/13/2018	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipdocket@whiteandwilliams.com

Notice of Abandonment	Application No.	Applicant(s)
	15/215,406	CHOWDHARY ET AL.
	Examiner	Art Unit
	THOMAS H. HENRY	3717

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

This application is abandoned in view of:

1. ☒ Applicant's failure to timely file a proper reply to the Office letter mailed on *18 May 2018*.
   (a) ☐ A reply was received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the period for reply (including a total extension of time of _____ month(s)) which expired on _____.
   (b) ☐ A proposed reply was received on _____, but it does not constitute a proper reply under 37 CFR 1.113 to the final rejection.
   (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) if this is utility or plant application, a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. Note that RCEs are not permitted in design applications.)
   (c) ☐ A reply was received on _____ but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).
   (d) ☒ No reply has been received.

2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).
   (a) ☐ The issue fee and publication fee, if applicable, was received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).
   (b) ☐ The submitted fee of $_____ is insufficient. A balance of $_____ is due.
   The issue fee required by 37 CFR 1.18 is $_____. The publication fee, if required by 37 CFR 1.18(d), is $_____.
   (c) ☐ The issue fee and publication fee, if applicable, has not been received.

3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).
   (a) ☐ Proposed corrected drawings were received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the period for reply.
   (b) ☐ No corrected drawings have been received.

4. ☐ The letter of express abandonment which is signed by the attorney or agent of record or other party authorized under 37 CFR 1.33(b). See 37 CFR 1.138(b).

5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34) upon the filing of a continuing application.

6. ☐ The decision by the Board of Patent Appeals and Interference rendered on _____ and because the period for seeking court review of the decision has expired and there are no allowed claims.

7. ☐ The reason(s) below:

/KANG HU/ Supervisory Patent Examiner, Art Unit 3717	/THOMAS H HENRY/ Examiner Art Unit: 3717

Petitions to revive under 37 CFR 1.137, or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.

Attorney Docket No.: 0033632-00019

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yousuf Chowdhary et al.	:	Group Art No.: 3717
Serial No.: 15/215,406	:	Confirmation No.: 4322
Filed: July 20, 2016	:	Examiner: Thomas Haynes Henry

For: *Systems and Methods for Capture and Use of Local Elements in Gameplay*

Commissioner for Patents
P.O. Box 1450
Arlington, Virginia 22313-1450

RESPONSE TO NON-FINAL OFFICE ACTION

Dear Sir/Madam:

Applicant respectfully submits this Response to the Non-Final Office Action mailed May 18, 2018, along with a Petition to Revive Application. The application is respectfully requested to be amended as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.

CLAIMS

1. (Presently amended) A computer-implemented method of enabling virtual gameplay on a computing device in communication with a storage means and a location sensor, the method comprising the steps of:

providing access to a video game having a virtual character with a virtual character statistic in which a player in a real world player location interacts with the video game and with other players in other real world player locations playing other virtual characters;

detecting with the location sensor the real world player location of the player, and storing the real world player location in the storage means;

creating in a database a local element script actuatable in the video game; and

using the computing device to retrieve mapping information related to the real world player location and to actuate the local element script in the video game, wherein the local element script modifies the virtual character statistic, and the local element script also affects one or more of a virtual character statistic and a plot node of the other players' virtual characters in the other real world player locations while the player is interacting with the video game.

2. (Previously presented) The method of claim 1, further comprising detecting a second or subsequent location in the course of gameplay, and creating a second or further local element script, the second or further local element script being related to the second or subsequent location.

3. (Previously presented) The method of claim 1, wherein the creation of the local element script takes account of an operating context within the game.

4. (Previously presented) The method of claim 1, wherein the local element script modifies the virtual character's appearance, facial or body expression or health.

5. (Previously presented) The method of claim 1, wherein the local element script modifies the tools, weapons, equipment or clothing of the virtual character.

6. (Cancelled)

7. (Previously presented) The method of claim 30, wherein the local element is used to determine overall mood or tension of a location, and the local element script modifies character statistics representing mood or aggression in the virtual character.

8. (Previously presented) The method of claim 1, wherein the player is able to interact with the video game according to a storyline which comprises one or a combination of plot, plot nodes, character interactions, encounters, scene, setting, aesthetics, levels, premise, or theme.

9. (Original) The method of claim 8, wherein the local element script modifies the scene or setting of the storyline.

10. (Previously presented) The method of claim 30, wherein the local element script modifies or introduces non-player characters, game monsters, enemies, traps or puzzles corresponding to the local element.

11. (Previously presented) The method of claim 30, wherein the local element comprises one or a combination of local events, local indicators, and local celebrities or news figures.

12. (Previously presented) The method of claim 30, wherein the local element is a local news item and the local element script modifies the storyline to reflect that news item.

13. (Original) The method of claim 12, wherein, if the news item refers to a crowd of people, the local element script introduces a crowd of non-player characters into the storyline.

14. (Previously presented) The method of claim 30, wherein the local element is a weather, social, political, economic, stock market, demographic, traffic, crime, or construction indicator

relevant to the location, and the local element script modifies the storyline to reflect that indicator.

15. (Previously presented) The method of claim 30, wherein the local element is a local celebrity or news figure, and the local element script modifies the storyline to introduce a non-player character representing that local celebrity or news figure.

16. (Original) The method of claim 12, wherein the local element comprises a keyword extracted from a news stream of local news items.

17. (Original) The method of claim 1, wherein the location is re-detected at intervals, and in the event of a change in the location, a virtual character is shown moving to a new scene in the storyline.

18. (Original) The method of claim 1, wherein if a null location is detected or the detected location is unsupported, a default or random storyline is provided.

19. (Original) The method of claim 1, wherein if the location does not match a local element in the database, an approximate match is used.

20. (Original) The method of claim 1, wherein the storage means is provided by one or a combination of: a local fixed memory, a local removable memory, a remote fixed memory, a remote removable memory, and a virtual memory.

21. (Original) The method of claim 1, wherein the storage means is selected from the group consisting of: a local data storage of a game console, a local inbuilt memory, a user provided memory, an online server, and a shared folder on a network.

22. (Cancelled)

23. (Original) The method of claim 1, wherein the player is enabled to play the game using a game device, and the player location is detected by an on-board sensor on the game device.

24. (Original) The method of claim 23, wherein the game device is a mobile device.

25. (Original) The method of claim 1, wherein the detecting step includes retrieving player location from one or a combination of GPS, A-GPS, WiFi, IP address, account or billing address, and player provided location information.

26. (Original) The method of claim 25, wherein the player provided location information is a fantasy location.

27. (Previously presented) The method of claim 1, wherein the mapping information includes at least one map from a map database representing the detected location.

28. (Original) The method of claim 1, wherein the location is detected at login.

29. (Original) The method of claim 1, wherein the location is detected during gameplay.

30. (Previously presented) The method of claim 1, further comprising retrieving from a database using the computing device a local element based on the real world player location.

REMARKS

I. Status of Claims

Claims 1-5, 7-14, 16-21, and 23-30 were pending.

Claims 1-5, 7-14, 16-21, and 23-30 were rejected in the non-final office action.

Claim 1 is hereby amended.

II. Responses to Rejections

A. Rejection under 35 U.S.C. § 101

Claims 1-5, 7-14, 16-21, and 23-30 were rejected under 35 U.S.C. § 101 because the claimed invention is directed to a judicial exception (i.e., a law of nature, a natural phenomenon, or an abstract idea) without significantly more. Applicants assert the amended claims constitute patentable subject matter in light of the USPTO's 2019 Revised Patent Subject Matter Eligibility Guidance.

B. Rejection under 35 U.S.C. § 103

Claims 1-5, 7-14, 16-21, and 23-30 were rejected under 35 U.S.C. §103 as unpatentable over Alghamdi (US 20110183754) in view of Ahmed (US 20130079144). Applicants assert none of the cited references, alone or in combination, show or suggest the elements of the claims.

In particular, neither reference shows or suggests "the local element script also affects one or more of a virtual character statistic and a plot node of the other players' virtual characters in the other real world player locations while the player is interacting with the video game," as recited in amended independent claim 1. Support for this amendment is found in the specification of the present application: "the different Player Characters, Non-Player Characters, and settings for virtual character statistics may also vary with the changing local elements"; Spec. at. para. [0097]; and "a player logs on the gaming server, a set of plot nodes associated with the local element(s) of the player location may now become available to the other players

engaged in the gameplay of the virtual world." Spec. at para. [0099]. Applicants submit the claims are in condition for allowance, and request fresh consideration in light of this response.

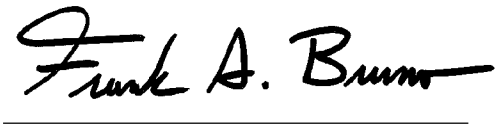
III. Conclusion

Entry of this Amendment is respectfully requested. No new matter is presented. Any fees are to be charged to Deposit Account No. 506044. Authorization is hereby given to charge Deposit Account no. 506044 for any future underpayment, or to credit any overpayments.

Please address all correspondence to ipdocket@whiteandwilliams.com. Should there be any questions or other matters that may be resolved by a telephone call, the Examiner is invited to contact the undersigned attorney at the number below.

Respectfully submitted,

Dated: June 11, 2019

By: 

Frank A. Bruno
Registration No. 46,583
White and Williams LLP
Customer No.: 112301
Direct Tel. No.: 215-864-6225

Electronic Patent Application Fee Transmittal

Application Number:	15215406
Filing Date:	20-Jul-2016
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Filer:	Frank Anthony Bruno/Claire Volpe
Attorney Docket Number:	0033632-00019

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
PET. REVIVE ABANDON APP, DELAY PYMT-RESP	2453	1	1000	1000
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**1000**

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Decision Date June 11, 2019

In re Application of Yousuf Chowdhary

Application No. 15215406

Filed: 20-Jul-2016

DECISION ON PETITION

UNDER CFR 1.137(a)

Attorney Docket No. 0033632-00019

This is an electronic decision on the petition under 37 CFR 1.137(a), June 11, 2019 , to revive the above-identified application.

The petition is **GRANTED**.

The above-identified application became abandoned for failure to reply in a timely manner to the outstanding Office communication. The date of abandonment is the day after the last day of the period set for reply in the Office action plus any applicable extensions of time properly requested.

The electronic petition satisfies the conditions for revival pursuant to the provisions of 37 CFR 1.137(a) in that (1) the reply in the form of aresponse; (2) the petition fee as set forth in 37 CFR 1.17 (m); and (3) the required statement of unintentional delay have been received. Accordingly, the response is accepted as having been unintentionally delayed.

Telephone inquiries concerning this decision should be directed to the Patent Electronic Business Center (EBC) at 866-217-9197.

This application file is being directed to the Technology Center.

Office of Petitions

Electronic Acknowledgement Receipt

EFS ID:	36260508
Application Number:	15215406
International Application Number:	
Confirmation Number:	4322
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Customer Number:	112301
Filer:	Frank Anthony Bruno/Claire Volpe
Filer Authorized By:	Frank Anthony Bruno
Attorney Docket Number:	0033632-00019
Receipt Date:	11-JUN-2019
Filing Date:	20-JUL-2016
Time Stamp:	10:45:40
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$1000
RAM confirmation Number	061119INTEFSW00009408506044
Deposit Account	506044
Authorized User	Claire Volpe

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

37 CFR 1.19 (Document supply fees)

37 CFR 1.20 (Post Issuance fees)

37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Petition automatically granted by EFS	petition-request.pdf	33710 fbaf7e5ba3125ded86d21baf1eb463a3f6c2d994	no	2
Warnings:					
Information:					
2		19_RESPONSE.pdf	162435 27f0db8d0a1f3779297caa4e8a298d8d0443d57b	yes	7

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Claims	2	5
	Applicant Arguments/Remarks Made in an Amendment	6	7

Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	30548 31397edf6c737363b6dc5563aea0c95841db3e7b	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	226693		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Doc Code: PET.AUTO Document Description: Petition automatically granted by EFS-Web	PTO/SB/64 U.S. Patent and Trademark Office Department of Commerce

Electronic Petition Request	**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(a)**
Application Number	15215406
Filing Date	20-Jul-2016
First Named Inventor	Yousuf Chowdhary
Attorney Docket Number	0033632-00019
Title	Systems and Methods for Capture and Use of Local Elements in Gameplay

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus any extensions of time actually obtained.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:
(1) Petition fee;
(2) Reply and/or issue fee;
(3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
(4) Statement that the entire delay was unintentional

Petition Fee

- (◉) Small Entity
- ( ) Micro Entity
- ( ) Regular Undiscounted

2. Reply and/or fee

( ) I certify, in accordance with 37 CFR 1.4(d)(4) that the amendment and response have already been filed in the above-identified application on

(◉) Amendment and response are attached

RCE request,submission, and fee.

( ) I certify, in accordance with 37 CFR 1.4(d)(4) that the RCE Request, Submission, and Fee have already been filed in the above-identified application on

( ) RCE Request, Submission, and Fee are attached

Notice of Appeal

( ) I certify, in accordance with 37 CFR 1.4(d)(4) that the Notice of Appeal and Fee have already been filed in the above-identified application on

○ Notice of Appeal and Fee are attached 3. Terminal Disclaimer is not required, since the Electronic Petition format is not support for Design applications and applications filed before June 8, 1995. Please file using regular petition format for review by the Office of Petitions. ☒ STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(a) was unintentional.
THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES I certify, in accordance with 37 CFR 1.4(d)(4) that I am: ◉ An attorney or agent registered to practice before the Patent and Trademark Office who has been given power of attorney in this application. ○ An attorney or agent registered to practice before the Patent and Trademark Office, acting in a representative capacity. ○ A sole inventor ○ A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors as evidenced by the power of attorney in the application ○ A joint inventor; all of whom are signing this e-petition

Signature	/Frank A. Bruno/
Name	Frank A. Bruno
Registration Number	46583

Doc Code: ECOMM.AUTH/ECOMM.WTDW
Doc Description: Internet Communications Authorized/Internet Communications Authorization Withdrawn

PTO/SB/439 (11-15)

AUTHORIZATION FOR INTERNET COMMUNICATIONS IN A PATENT APPLICATION OR REQUEST TO WITHDRAW AUTHORIZATION FOR INTERNET COMMUNICATIONS		
	Application No.	15215406
	Filing Date	July 20, 2016
	First Named Inventor	Yousuf Chowdhary
	Art Unit	3717
	Examiner Name	Thomas Haynes Henry
	Practitioner Docket No.	0033632-00019

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I. To authorize permission for Internet Communications.

☑ Recognizing that Internet communications are not secure, I hereby authorize the USPTO to communicate with the undersigned and practitioners in accordance with 37 CFR 1.33 and 37 CFR 1.34 concerning any subject matter of this application via video conferencing, instant messaging, or electronic mail. I understand that a copy of these communications will be made of record in the application file. (MPEP 502.03)

II. To withdraw authorization for Internet Communications.

☐ The authorization given on _____, to the USPTO to communicate with the undersigned and any practitioner in accordance with 37 CFR 1.33 and 37 CFR 1.34 concerning any subject matter of this application via Internet communications such as video conferencing, instant messaging, or electronic mail is hereby withdrawn. I understand that the withdrawal is effective when approved rather than when received.

I am the

☐ applicant.

☑ attorney or agent of record. Registration number 46583.

☐ attorney or agent acting under 37 CFR 1.34. Registration number _____.

/Frank A. Bruno/ — Signature

June 11, 2019 — Date

_____ — Typed or printed name

_____ — Telephone Number

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Juristic entities must be represented by a patent practitioner (see 37 CFR 1.31, which is applicable to any paper filed on or after September 16, 2012, that is presented on behalf of a juristic entity, regardless of application filing date). Submit multiple forms if more than one signature is required, see below*.

☑ * Total of 1 forms are submitted.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	36261959
Application Number:	15215406
International Application Number:	
Confirmation Number:	4322
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Customer Number:	112301
Filer:	Frank Anthony Bruno/Claire Volpe
Filer Authorized By:	Frank Anthony Bruno
Attorney Docket Number:	0033632-00019
Receipt Date:	11-JUN-2019
Filing Date:	20-JUL-2016
Time Stamp:	11:59:48
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Internet Communications Authorized	19_AUTHORIZATION.pdf	92228 c9d43ef17b0e359f714aa8ea152e5095699096db	no	2

Warnings:

Information:	
Total Files Size (in bytes):	92228

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 15/215,406	Filing Date 07/20/2016	☐ To be Mailed

ENTITY: ☐ LARGE ☑ SMALL ☐ MICRO

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A		N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*		x $40 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $210 =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))					
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT	06/11/2019	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 28	Minus	** 29	= 0		x $50 =	0
	Independent (37 CFR 1.16(h))	* 1	Minus	*** 3	= 0		x $230 =	0
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	0

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=		x $0 =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x $0 =	
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.	LIE
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".	/THUY T TA/
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".	
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.	

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

USPTO Automated Interview Request (AIR)

Jun 11 2019

This paper requesting to schedule and/or conduct an interview is appropriate because:

I have previously submitted an authorization for internet communications in a patent application. See form SB/0439.

Name(s):
Frank A. Bruno

S-signature:
/Frank A Bruno/

Registration Number:
46583

U.S. Application Number:
15215406

Confirmation Number:
4322

E-mail Address:
brunof@whiteandwilliams.com

Phone Number:
+1 2158646225

Proposed Time of Interview:
6-18-2019 2:00 PM ET

Alternative Proposed Time(s) of Interview:
6-19-2019 2:00 PM ET

Alternative Proposed Time(s) of Interview:
6-20-2019 2:00 PM ET

Prefered Interview Type:
Telephonic

I am the applicant or applicant's representative for this application.

Topic for Discussion:
Response to Non-Final Office Action

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/215,406	07/20/2016	Yousuf Chowdhary	0036177-00002	4322

112301 7590 08/22/2019

Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

EXAMINER	
HENRY, THOMAS HAYNES	

ART UNIT	PAPER NUMBER
3715	

NOTIFICATION DATE	DELIVERY MODE
08/22/2019	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipdocket@whiteandwilliams.com

Office Action Summary	Application No. 15/215,406	Applicant(s) Chowdhary et al.	
	Examiner THOMAS H HENRY	Art Unit 3715	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☑ Responsive to communication(s) filed on 6/11/19.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☑ This action is **FINAL.** 2b) ☐ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☑ Claim(s) 1-5,7-21 and 23-30 is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6) ☐ Claim(s) _____ is/are allowed.

7) ☑ Claim(s) 1-5,7-21 and 23-30 is/are rejected.

8) ☐ Claim(s) _____ is/are objected to.

9) ☐ Claim(s) _____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov.**

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.

4) ☐ Other: _____.

1. The present application is being examined under the pre-AIA first to invent provisions.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 2/21/18 has been entered.

Claim Rejections - 35 USC § 103

3. In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.

4. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

5. Claims 1-5, 7-21, and 23-30 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Alghamdi (US 20110183754) in view of Ahmed (US 20130079144)

6. In re claim 1, Alghamdi discloses

- Providing access to a video game having a virtual character with a virtual character statistic (paragraph 29. The virtual character is described. With respect to a “virtual character statistic” examiner has interpreted the broadest reasonable interpretation to merely require something stored in the computing device relating to a virtual character. A wide variety of "virtual

character statistics" appear in the prior art, for example paragraph 29's "aspects" of the virtual character are the "statistic" of the character. Paragraph 25 describes "people's names appearing in the game" as an example of a statistic, or paragraph 34 is "suitable clothes" as a statistic. Paragraph 36 discloses the clothes a virtual character is cooking, which could also be a "virtual character statistic" as it is what the virtual character is interacting with) in which a player in a real world player location interacts with the video game according to a storyline (paragraph 7)

- Detecting with the location sensor (paragraph 17, GPS receiver) a real world player location and storing the real world location in the storage means (paragraph 8)
- Creating in a database a local element script actuatable in the video game (paragraph 36)
- Using the computing device to retrieve mapping information related to the real world player location and to actuate the local element script in the video game, wherein the local element script modifies the virtual character statistic (paragraph 29, 25, 34, 36),

7. Alghamdi does not disclose that the player interacts with other players in other real world player locations playing other virtual characters (paragraph 34 discloses different players in other real world player locations playing with other virtual characters, but does not disclose the player playing **with** the other players) and the local element script also affects the other players virtual characters in the other real world player locations while the player is interacting with the video game, however Ahmed discloses the player interacting with other players in other real world player locations playing other virtual characters (paragraph 33, multi player) and the local element script also affects one or more of a virtual character statistic and a plot node of the other players virtual characters in the other real world player locations while the player is interacting with the video game (paragraph 33, the player characters are displayed as graphical avatars, with the game state of the player characters also being displayed, thus the cooking of a French Omelet or particular French Clothing of the primary reference

would be displayed in the games of the other players playing the game. As described above, the French omelet or French clothing would be a "virtual character statistic" of the other players. This could also be a "plot node".) It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Alghamdi with Ahmed in order to allow for multi player of Alghamdi.

8. In re claim 2 Alghamdi detecting a second or subsequent location in the course of gameplay and retrieving a second or further local element script, the second or further local element script being related to the second or subsequent location and its element (paragraph 8)

9. In re claim 3, Alghamdi discloses the correlating of the local element takes account of an operating context within the game (paragraph 36)

10. In re claim 4, Alghamdi discloses the video game includes at least one virtual character and the local element script modifies the virtual character's appearance, facial or body expression or health (paragraph 34)

11. In re claim 5, Alghamdi discloses the local element script modifies the tools, weapons, equipment or clothing of the virtual character (paragraphs 34)

12. In re claim 7, Alghamdi discloses the local element is used to determine overall mood or tension of a location and the local element script modifies character statistics representing mood or aggression in the virtual character (paragraph 36)

13. In re claim 8, Alghamdi discloses one or a combination of plot, plot nodes, character interactions, encounters, scene, setting, aesthetics, levels, premise or theme (paragraph 36)

14. In re claim 9, Alghamdi discloses modifying the scene or setting of the storyline (paragraph 36)

15. In re claim 10, Alghamdi discloses modifying or introducing non player characters, game monsters, enemies, traps, or puzzles corresponding to the local element (paragraph 36. The cooking game provides different food to cook depending on location which is interpreted as a puzzle)

16. In re claim 11, Alghamdi discloses a combination of local events, indicators, and celebrities or news figures (paragraph 36)

17. In re claim 12, Alghamdi discloses a local news item and modifying the storyline to reflect that news item (paragraph 36)

18. In re claim 13, Alghamdi discloses a crowd of non player characters (paragraph 36

19. In re claim 14, Alghamdi discloses a social indicator (paragraph 36, religion)

20. In re claim 16, Alghamdi discloses a key word extracted from the news stream of local news items (paragraph 36)

21. In re claim 17, Alghamdi discloses a change based on a change of location (paragraph 8 discloses real time location determination)

22. In re claim 18, Alghamdi discloses a default location if the location is unsupported (paragraph 16 discloses that the default is that a player may manually input a location)

23. In re claim 19, Alghamdi discloses that an approximate match is determined (paragraph 16 discloses that either approximate or more specific information can be used)

24. In re claims 20 and 21, Alghamdi discloses the storage means being local storage, and inbuilt memory (paragraph 39)

25. In re claim 23, Alghamdi discloses retrieving player location from a sensor (paragraph 3)

26. In re claim 24, Alghamdi discloses a mobile device (paragraph 10)

27. In re claim 25, Alghamdi discloses GPS (paragraph 3)

28. In re claim 26, Alghamdi a fantasy location (paragraph 45)

29. In re claim 27, Alghamdi discloses retrieval of a map location from a map (paragraph 3)

30. In re claims 28 and 29, Alghamdi discloses the location is detected at login or during gameplay (paragraph 34)

31. In re claim 30, Alghamdi discloses retrieving from a database using the computing device a local element based on the real world player location (paragraphs 25, 29, 34, 36)

32. In re claim 15, Alghamdi in view of Ahmed discloses the claimed invention except introducing a local celebrity or news figure, however official notice was taken in the non final dated 10/14/16 and was not argued in the arguments of 4/13/17, thus it is taken as applicant admitted prior art that this is notoriously well known news and location related information, as such it would have been obvious to one of ordinary skill in the art to incorporate this type of information into the storyline of a video game as taught by Alghamdi.

Response to Arguments

33. Applicant's amendments overcome the rejection of Alghamdi, however a new grounds of rejection is made in view of Ahmed.

34. Applicant's amendments and arguments along with the 2019 PEG overcome the 101 rejection

35. Applicant argues that the prior art fails to disclose that the local element script also affects one or more of a virtual character statistic and a plot node of other characters, however the secondary reference of Ahmed discloses a multiplayer game that graphically shows the appearance and status of the player as well as other characters, which would be a change of a virtual character statistic or plot node. It is noted by examiner that the term "virtual character statistic" and "plot node" have no particulars as to what they entail, or what is required. Thus the broadest reasonable interpretation of a virtual character statistic and/or plot node would be taught by viewing other characters appearance and actions (and thus other virtual players virtual characters viewing the virtual player's virtual character)

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to THOMAS HAYNES HENRY whose telephone number is (571)270-3905. The examiner can normally be reached on M-F 10-6.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kang Hu can be reached on 571-270-1344. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/THOMAS H HENRY/
Examiner, Art Unit 3715

/KANG HU/
Supervisory Patent Examiner, Art Unit 3715

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15/215,406	Chowdhary et al.
	Examiner	Art Unit
	THOMAS H HENRY	3715

CPC - Searched*		
Symbol	Date	Examiner
A63F13/65, 13/60, 13/10, 13/12	10/1/16	TH

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
EAST search	10/1/16	TH
Inventor Name Search	10/1/16	TH
updated search	7/19/17	TH
updated search	5/14/18	TH
updated search	08/05/2019	TH

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

	/THOMAS H HENRY/ Examiner, Art Unit 3715

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	241	(A63F13/65).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:18
S2	119	(A63F13/60).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S3	6605	(A63F13/10).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S4	7979	(A63F13/12).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S5	0	change with story with local with game	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:57
S6	1	change with story with location with game	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:57
S7	83	("463").clas. and (location with customize)	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:58
S8	33	("20060189371" | "7484176" | "20080139306" | "20080070669" | "5941772" | "20110190066" | "20070077978" | "20090156179" | "20070259713" | "20080026838" | "6476830" | "20070093299" | "6887157" | "7090576" | "20050037845" | "20080020788" | "20090023489" | "20110201414" | "20030083943" | "20080167106" | "20030188306" | "20050137015" | "20060240894" | "20070060330" | "20120322550" | "20090124384" | "20050227811" | "20030073494" | "20090124386" | "20020042740" | "20070197296" | "20080181535" | "20100137067").PN.	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:04
S9	23	S8 and location	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:04
S10	1133	("463").clas. and (location with (item story storyline building))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:10
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S12	812	("463").clas. and (location with (item story storyline))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:11

S13	98	("463").clas. and (location with (story storyline))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:11
S14	1	"20070021203"	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:13
S15	1	"20110319148"	US-PGPUB; USPAT	OR	OFF	2016/01/06 20:00
S16	60	("463").clas. and (player with location) same (story storyline)	US-PGPUB; USPAT	OR	OFF	2016/01/11 16:12
S17	9	("463").clas. and (geographic with location) same (story storyline)	US-PGPUB; USPAT	OR	OFF	2016/01/11 16:12
S18	2	"13325151"	US-PGPUB; USPAT	OR	OFF	2017/07/24 08:48
S19	152	iphone with docking with station	US-PGPUB; USPAT	OR	OFF	2018/05/16 12:39

EAST Search History (Interference)

< This search history is empty>

8/ 5/ 2019 3:53:42 AM
C:\ Users\ thenry\ Documents\ EAST\ Workspaces\ 14084113.wsp

UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/215,406	07/20/2016	Yousuf Chowdhary	0036177-00002	4322

112301 7590 01/27/2020

Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

EXAMINER
HENRY, THOMAS HAYNES

ART UNIT	PAPER NUMBER
3715	

NOTIFICATION DATE	DELIVERY MODE
01/27/2020	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipdocket@whiteandwilliams.com

Applicant-Initiated Interview Summary	Application No. 15/215,406	Applicant(s) Chowdhary et al.	
	Examiner THOMAS H HENRY	Art Unit 3715	AIA (FITF) Status No

All participants (applicant, applicants representative, PTO personnel):

(1) THOMAS HAYNES. HENRY. (3) _____.

(2) Frank Bruno. (4) _____.

Date of Interview: 17 January 2020.

Type: ☑ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☑ No.
If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☐102 ☑103 ☐Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 1.

Identification of prior art discussed: Alghamdi, Ahmed.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Discussed proposed amendments to the claims. Examiner indicated that under the broadest reasonable interpretation of the proposed claims, the newly added limitations of the forking point with two or more event pathways still may be taught by the prior art however a further search and/or consideration is required. Discussion was had as to a secondary potential amendment which would be related to the concept of identifying that a plurality of plot nodes are each related to a particular real world area, wherein when a new player joins from a real world area which was not previously represented, the plot node for that respective region is made available to all users. Examiner indicated that a claiming of this type of concept would require a further search and/or consideration. No agreement was reached..

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☑ Attachment

/THOMAS H HENRY/ Examiner, Art Unit 3715	/KANG HU/ Supervisory Patent Examiner, Art Unit 3715

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record
A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) 1.133 Interviews
Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.
All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiners responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicants correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:
- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:
1) A brief description of the nature of any exhibit shown or any demonstration conducted,-
2) an identification of the claims discussed,
3) an identification of the specific prior art discussed,
4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
6) a general indication of any other pertinent matters discussed, and
7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicants record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiners version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, Interview Record OK on the paper recording the substance of the interview along with the date and the examiners initials.

1. (Presently amended) A computer-implemented method of enabling virtual gameplay on a computing device in communication with a storage means and a location sensor, the method comprising the steps of:

providing access to a video game having a virtual character with a virtual character statistic in which a player in a real world player location interacts with the video game and with other players in other real world player locations playing other virtual characters;

detecting with the location sensor the real world player location of the player, and storing the real world player location in the storage means;

creating in a database a local element script actuatable in the video game; and

using the computing device to retrieve mapping information related to the real world player location and to actuate the local element script in the video game, wherein the local element script modifies the virtual character statistic, and the local element script also affects one or more of a virtual character statistic and a plot node of at least one of the other players' virtual characters in the other real world player locations while the player is interacting with the video game, wherein the local element script makes available or makes unavailable a plot node, where a plot node is a forking point with two or more event pathways for a virtual character.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 15/215,406	Filing Date 07/20/2016	☐ To be Mailed

ENTITY: ☐ LARGE ☑ SMALL ☐ MICRO

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A		N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*		x $40 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $210 =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))					
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT	02/11/2020	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 28	Minus	** 29	= 0		x $50 =	0
	Independent (37 CFR 1.16(h))	* 1	Minus	*** 3	= 0		x $230 =	0
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	0

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=		x $0 =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x $0 =	
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.	LIE
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".	/POLIN ANG/
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".	
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.	

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/30 (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Request for Continued Examination (RCE) Transmittal

Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	15/215,406
Filing Date	July 20, 2016
First Named Inventor	Yousuf Chowdhary
Art Unit	3715
Examiner Name	Thomas Haynes Henry
Attorney Docket Number	0036177-00002

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. Submission required under 37 CFR 1.114 Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

   a. ☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

      i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

      ii. ☐ Other _____

   b. ☑ Enclosed

      i. ☑ Amendment/Reply

      ii. ☐ Affidavit(s)/ Declaration(s)

      iii. ☐ Information Disclosure Statement (IDS)

      iv. ☐ Other _____

2. Miscellaneous

   a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

   b. ☐ Other _____

3. Fees The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

   a. ☑ The Director is hereby authorized to charge the following fees, any underpayment of fees, or credit any overpayments, to Deposit Account No. 506044.

      i. ☑ RCE fee required under 37 CFR 1.17(e)

      ii. ☑ Extension of time fee (37 CFR 1.136 and 1.17)

      iii. ☐ Other _____

   b. ☐ Check in the amount of $ _____ enclosed

   c. ☐ Payment by credit card (Form PTO-2038 enclosed)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Signature	/Frank A. Bruno/	Date	February 11, 2020
Name (Print/Type)	Frank A. Bruno	Registration No.	46583

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Signature			
Name (Print/Type)		Date	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for RCEs

(not to be submitted to the USPTO)

NOTES:

An RCE is not a new application, and filing an RCE will not result in an application being accorded a new filing date.

Filing Qualifications:

The application must be a utility or plant application filed on or after June 8, 1995. The application cannot be a provisional application, a utility or plant application filed before June 8, 1995, a design application, or a patent under reexamination. See 37 CFR 1.114(e).

Filing Requirements:

Prosecution in the application must be closed. Prosecution is closed if the application is under appeal, or the last Office action is a final action, a notice of allowance, or an action that otherwise closes prosecution in the application (e.g., an Office action under *Ex parte Quayle*). See 37 CFR 1.114(b).

A submission and a fee are required at the time the RCE is filed. If reply to an Office action under 35 U.S.C. 132 is outstanding (e.g., the application is under final rejection), the submission must meet the reply requirements of 37 CFR 1.111. If there is no outstanding Office action, the submission can be an information disclosure statement, an amendment, new arguments, or new evidence. See 37 CFR 1.114(c). The submission may be a previously filed amendment (e.g., an amendment after final rejection).

WARNINGS:

Request for Suspension of Action:

All RCE filing requirements must be met before suspension of action is granted. A request for a suspension of action under 37 CFR 1.103(c) does not satisfy the submission requirement and does not permit the filing of the required submission to be suspended.

Improper RCE will NOT toll Any Time Period:

Before Appeal - If the RCE is improper (e.g., prosecution in the application is not closed or the submission or fee has not been filed) and the application is not under appeal, the time period set forth in the last Office action will continue to run and the application will be abandoned after the statutory time period has expired if a reply to the Office action is not timely filed. No additional time will be given to correct the improper RCE.

Under Appeal - If the RCE is improper (e.g., the submission or the fee has not been filed) and the application is under appeal, the improper RCE is effective to withdraw the appeal. Withdrawal of the appeal results in the allowance or abandonment of the application depending on the status of the claims. If there are no allowed claims, the application is abandoned. If there is at least one allowed claim, the application will be passed to issue on the allowed claim(s). See MPEP 1215.01.

See MPEP 706.07(h) for further information on the RCE practice.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	15215406
Filing Date:	20-Jul-2016
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Filer:	Frank Anthony Bruno/Claire Volpe
Attorney Docket Number:	0036177-00002

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension - 3 months with $0 paid	2253	1	700	700
Miscellaneous:				
RCE- 2ND AND SUBSEQUENT REQUEST	2820	1	950	950
		Total in USD ($)		**1650**

Electronic Acknowledgement Receipt

EFS ID:	38555228
Application Number:	15215406
International Application Number:	
Confirmation Number:	4322
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Customer Number:	112301
Filer:	Frank Anthony Bruno/Claire Volpe
Filer Authorized By:	Frank Anthony Bruno
Attorney Docket Number:	0036177-00002
Receipt Date:	11-FEB-2020
Filing Date:	20-JUL-2016
Time Stamp:	15:24:00
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$1650
RAM confirmation Number	E20202AF24272429
Deposit Account	506044
Authorized User	Claire Volpe

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

37 CFR 1.19 (Document supply fees)

37 CFR 1.20 (Post Issuance fees)

37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		02_RESPONSE.pdf	165054 bf058adf6eafb9c517da3f1c5a512f344795004e	yes	9

Multipart Description/PDF files in .zip description		
Document Description	**Start**	**End**
Response After Final Action	1	1
Claims	2	7
Applicant Arguments/Remarks Made in an Amendment	8	9

Warnings:

Information:

2	Extension of Time	02_EOT.pdf	167179 70231db6d694a8c6b424245093ab194c7ffb0fed	no	2

Warnings:

Information:

3	Request for Continued Examination (RCE)	02_RCE.pdf	313417 6419cd929ed7b094cc3786294a9d21e6a65072f5	no	3

Warnings:

This is not a USPTO supplied RCE SB30 form.

Information:

4	Fee Worksheet (SB06)	fee-info.pdf	32489 7eb23c8c5172822b8752853a2f97f18068b1628f	no	2

Warnings:

Information:

Total Files Size (in bytes):	678139

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yousuf Chowdhary et al.	:	Group Art No.: 3717
Serial No.: 15/215,406	:	Confirmation No.: 4322
Filed: July 20, 2016	:	Examiner: Thomas Haynes Henry

For: *Systems and Methods for Capture and Use of Local Elements in Gameplay*

Commissioner for Patents
P.O. Box 1450
Arlington, Virginia 22313-1450

RESPONSE TO FINAL OFFICE ACTION

Dear Sir/Madam:

Applicant respectfully submits this Response to the Final Office Action mailed August 22, 2019. The application is respectfully requested to be amended as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

CLAIMS

1. (Presently amended) A computer-implemented method of enabling virtual gameplay on a computing device in communication with a storage means and a location sensor, the method comprising the steps of:

providing access to a video game having a virtual character with a virtual character statistic in which a player in a real world player location interacts with the video game and with other players in other real world player locations playing other virtual characters;

detecting with the location sensor the real world player location of the player, and storing the real world player location in the storage means;

creating in a database a local element script actuatable in the video game; and

using the computing device to retrieve mapping information related to the real world player location and to actuate the local element script in the video game, wherein the local element script modifies the virtual character statistic, and the local element script also affects one or more of a virtual character statistic and a plot node of at least one of the other players' virtual characters in the other real world player locations while the player is interacting with the video game, wherein a geographic area has a corresponding plot node that is added when a player located in that geographic area joins the video game.

para 54 user decision

para 120 plurality of plot notes each assoc with local are; if new player in local area then add corresponding plot node.

2. (Previously presented) The method of claim 1, further comprising detecting a second or subsequent location in the course of gameplay, and creating a second or further local element

script, the second or further local element script being related to the second or subsequent location.

3. (Previously presented) The method of claim 1, wherein the creation of the local element script takes account of an operating context within the game.

4. (Previously presented) The method of claim 1, wherein the local element script modifies the virtual character's appearance, facial or body expression or health.

5. (Previously presented) The method of claim 1, wherein the local element script modifies the tools, weapons, equipment or clothing of the virtual character.

6. (Previously cancelled)

7. (Previously presented) The method of claim 30, wherein the local element is used to determine overall mood or tension of a location, and the local element script modifies character statistics representing mood or aggression in the virtual character.

8. (Previously presented) The method of claim 1, wherein the player is able to interact with the video game according to a storyline which comprises one or a combination of plot, plot nodes, character interactions, encounters, scene, setting, aesthetics, levels, premise, or theme.

9. (Original) The method of claim 8, wherein the local element script modifies the scene or setting of the storyline.

10. (Previously presented) The method of claim 30, wherein the local element script modifies or introduces non-player characters, game monsters, enemies, traps or puzzles corresponding to the local element.

11. (Previously presented) The method of claim 30, wherein the local element comprises one or a combination of local events, local indicators, and local celebrities or news figures.

12. (Previously presented) The method of claim 30, wherein the local element is a local news item and the local element script modifies the storyline to reflect that news item.

13. (Original) The method of claim 12, wherein, if the news item refers to a crowd of people, the local element script introduces a crowd of non-player characters into the storyline.

14. (Previously presented) The method of claim 30, wherein the local element is a weather, social, political, economic, stock market, demographic, traffic, crime, or construction indicator relevant to the location, and the local element script modifies the storyline to reflect that indicator.

15. (Previously presented) The method of claim 30, wherein the local element is a local celebrity or news figure, and the local element script modifies the storyline to introduce a non-player character representing that local celebrity or news figure.

16. (Original) The method of claim 12, wherein the local element comprises a keyword extracted from a news stream of local news items.

17. (Original) The method of claim 1, wherein the location is re-detected at intervals, and in the event of a change in the location, a virtual character is shown moving to a new scene in the storyline.

18. (Original) The method of claim 1, wherein if a null location is detected or the detected location is unsupported, a default or random storyline is provided.

19. (Original) The method of claim 1, wherein if the location does not match a local element in the database, an approximate match is used.

20. (Original) The method of claim 1, wherein the storage means is provided by one or a combination of: a local fixed memory, a local removable memory, a remote fixed memory, a remote removable memory, and a virtual memory.

21. (Original) The method of claim 1, wherein the storage means is selected from the group consisting of: a local data storage of a game console, a local inbuilt memory, a user provided memory, an online server, and a shared folder on a network.

22. (Previously cancelled)

23. (Original) The method of claim 1, wherein the player is enabled to play the game using a game device, and the player location is detected by an on-board sensor on the game device.

24. (Original) The method of claim 23, wherein the game device is a mobile device.

25. (Original) The method of claim 1, wherein the detecting step includes retrieving player location from one or a combination of GPS, A-GPS, WiFi, IP address, account or billing address, and player provided location information.

26. (Original) The method of claim 25, wherein the player provided location information is a fantasy location.

27. (Previously presented) The method of claim 1, wherein the mapping information includes at least one map from a map database representing the detected location.

28. (Original) The method of claim 1, wherein the location is detected at login.

29. (Original) The method of claim 1, wherein the location is detected during gameplay.

30. (Previously presented) The method of claim 1, further comprising retrieving from a database using the computing device a local element based on the real world player location.

REMARKS

I. Status of Claims

Claims 1-5, 7-21, and 23-30 were pending.

Claims 1-5, 7-21, and 23-30 were rejected in the office action.

Claim 1 is hereby amended.

II. Responses to Rejections

Rejection under 35 U.S.C. § 103

Claims 1-5, 7-21, and 23-30 were rejected under 35 U.S.C. § 103 as unpatentable over Alghamdi (US 20110183754) in view of Ahmed (US 20130079144). Applicants assert none of the cited references, alone or in combination, show or suggest the elements of the claims.

In particular, neither reference shows nor suggests "wherein a geographic area has a corresponding plot node that is added when a player located in that geographic area joins the video game," as recited in amended independent claim 1. Support for this amendment is found in the specification of the present application at paras. 0054 and 00120-123. Applicants submit the claims are in condition for allowance, and request fresh consideration in light of this response.

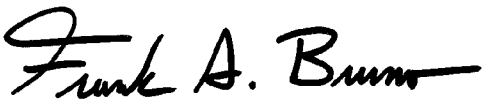
III. Conclusion

Entry of this Amendment is respectfully requested. No new matter is presented. Any fees are to be charged to Deposit Account No. 506044. Authorization is hereby given to charge Deposit Account no. 506044 for any future underpayment, or to credit any overpayments.

Please address all correspondence to ipdocket@whiteandwilliams.com. Should there be any questions or other matters that may be resolved by a telephone call, the Examiner is invited to contact the undersigned attorney at the number below.

Respectfully submitted,

Dated: February 11, 2020

By: 

Frank A. Bruno
Registration No. 46,583
White and Williams LLP
Customer No.: 112301
Direct Tel. No.: 215-864-6225

PTO/AIA/22 (03-13)
Approved for use through 7/31/2016. OMB 0651-0031
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PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)	Docket Number (Optional) 0036177-00002
Application Number 15/215,406	Filed July 20, 2016
For Systems and Methods for Capture and Use of Local Elements in Gameplay	
Art Unit 3715	Examiner Thomas Haynes Henry

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

		Fee	Small Entity Fee	Micro Entity Fee	
☐	One month (37 CFR 1.17(a)(1))	$200	$100	$50	$
☐	Two months (37 CFR 1.17(a)(2))	$600	$300	$150	$
☑	Three months (37 CFR 1.17(a)(3))	$1,400	$700	$350	$ 700.00
☐	Four months (37 CFR 1.17(a)(4))	$2,200	$1,100	$550	$
☐	Five months (37 CFR 1.17(a)(5))	$3,000	$1,500	$750	$

☑ Applicant asserts small entity status. See 37 CFR 1.27.

☐ Applicant certifies micro entity status. See 37 CFR 1.29.
Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director has already been authorized to charge fees in this application to a Deposit Account.

☑ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 506044.

☑ Payment made via EFS-Web.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

I am the

☐ applicant.

☑ attorney or agent of record. Registration number 46583.

☐ attorney or agent acting under 37 CFR 1.34. Registration number _____.

/Frank A. Bruno/ — Signature

February 11, 2020 — Date

Frank A. Bruno — Typed or printed name

215-864-6225 — Telephone Number

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.

☑ * Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PTO/AIA/80 (07-17)
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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(c).

I hereby appoint:

[XX] Practitioners associated with Customer Number: 112301

OR

[ ] Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

As attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(c).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(c) to:

[ ] The address associated with Customer Number:

OR

[ ]

Firm or individual name		
Address		
City	State	Zip
Country		
Telephone	Email	

Assignee name and address: Imagination Park Technologies, Inc.
707 West 38th Street, Suite 230
Erie, PA 16508

A copy of this form, together with a statement under 37 CFR 3.73(c) (Form PTO/AIA/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(c) may be completed by one of the practitioners appointed in this form, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

Signature	Date
Name Alen Paul Silverrstieen	Telephone
Title President	

This collection of information is required by 37 CFR 1.31, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public, which is to update (and by the USPTO to process) the file of a patent or reexamination proceeding. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 18 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	38556986
Application Number:	15215406
International Application Number:	
Confirmation Number:	4322
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Customer Number:	112301
Filer:	Frank Anthony Bruno/Claire Volpe
Filer Authorized By:	Frank Anthony Bruno
Attorney Docket Number:	0036177-00002
Receipt Date:	11-FEB-2020
Filing Date:	20-JUL-2016
Time Stamp:	16:38:45
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Req to correct/update/change appl name until pay issue fee	02_REQUEST.pdf	193661 c56da6eaf03db8431e28effa4f3a2761d1824158	no	2

Warnings:

Information:					
2	Assignee showing of ownership per 37 CFR 3.73	02_373c.pdf	121573 05fcb4ae6f6bb5ec3c3c2fd24b715fa7613f3e4c	no	3
Warnings:					
Information:					
3	Application Data Sheet	02_ADS.pdf	861988 c5c11a9a101fe932d3307b844eecd34ef888f229	no	8
Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					
4	Power of Attorney	ExecutedPOA.pdf	193575 ce65c955b6d27d01fea1bea7ac384d48abba28c3	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	1370797		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Doc Code: R46C.REQ
Document Description: Request under 37 CFR 1.46(c) to correct, update or change the applicant.

PTO/AIA/41 (04-15)
Approved for use through 11/30/2020. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
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REQUEST TO CORRECT OR UPDATE THE NAME OF THE APPLICANT UNDER 37 CFR 1.46(c)(1), OR CHANGE THE APPLICANT UNDER 37 CFR 1.46(c)(2)
(FOR USE ONLY IN APPLICATIONS FILED ON OR AFTER SEPTEMBER 16, 2012)

Application Number	15215406
Filing Date	July 20, 2016
First Named Inventor	Yousuf Chowdhary
Art Unit	3715
Examiner Name	Thomas Haynes Henry
Practitioner Docket Number	0036177-00002

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicant hereby **requests that the name of the applicant be corrected or updated under 37 CFR 1.46(c)(1), or that the applicant be changed under 37 CFR 1.46(c)(2),** in the above-identified application. **Requests under 37 CFR 1.46(c)(1) or (c)(2) cannot be submitted after payment of the issue fee or if the application has been patented.**

Please check the applicable box(es) below.

☐ 1. This request is to **correct or update the name of the applicant** (**under 37 CFR 1.46(c)(1)**) and includes:

☐ An application data sheet (ADS) in accordance with 37 CFR 1.76(c) with the corrected or updated information shown with markings (*e.g.*, underlining for insertions, strikethrough for deletions). A Corrected Web-based ADS may be used.

Note: Requests under 37 CFR 1.46(c)(1) may be filed to correct typographical errors in the name of the § 1.46 applicant, or for updating the name of the § 1.46 applicant (*i.e.*, where there is no change in the applicant itself but just in the applicant's name). See the Manual of Patent Examining Procedure (MPEP) section 605.01.

■ 2. This request is to **change the applicant** (**under 37 CFR 1.46(c)(2)**) and includes:

■ An application data sheet (ADS) in accordance with 37 CFR 1.76(c) that identifies the changes with proper markings (underlining for insertions and strikethrough for deletions). A Corrected Web-based ADS may be used.

■ A Statement Under 37 CFR 3.73(c) (Form PTO/AIA/96 or equivalent). See MPEP 325.

I am the

☐ applicant* ■ attorney or agent of record Registration number 46583 ☐ attorney or agent acting under 37 CFR 1.34 Registration number _____

Signature /Frank A. Bruno/
Typed or printed name Frank A. Bruno
Date February 11, 2020

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. *Juristic entities must be represented by a patent practitioner (See 37 CFR 1.31, applicable to any paper filed on or after September 16, 2012 that is presented on behalf of a juristic entity, regardless of application filing date). Submit multiple forms if more than one signature is required, see below**.

■ ** Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Privacy Act Statement

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The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PTO/AIA/96 (08-12)
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STATEMENT UNDER 37 CFR 3.73(c)

Applicant/Patent Owner: Imagination Park Technologies, Inc.

Application No./Patent No.: 15215406 Filed/Issue Date: July 20, 2016

Titled: Systems and Methods for Capture and Use of Local Elements in Gameplay

Imagination Park Technologies, Inc., a corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that, for the patent application/patent identified above, it is (choose **one** of options 1, 2, 3 or 4 below):

1. ☑ The assignee of the entire right, title, and interest.

2. ☐ An assignee of less than the entire right, title, and interest (check applicable box):

   ☐ The extent (by percentage) of its ownership interest is _____%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.

   ☐ There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

   Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. ☐ The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

   Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. ☐ The recipient, via a court proceeding or the like (*e.g.*, bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose **one** of options A or B below):

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

B. ☑ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

   1. From: XMG Studio Inc. To: Imagination Park Technologies, Inc.

      The document was recorded in the United States Patent and Trademark Office at

      Reel 049249, Frame 0617, or for which a copy thereof is attached.

   2. From: _____ To: _____

      The document was recorded in the United States Patent and Trademark Office at

      Reel _____, Frame _____, or for which a copy thereof is attached.

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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STATEMENT UNDER 37 CFR 3.73(c)

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

4. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

5. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

6. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☑ As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Frank A. Bruno/	February 11, 2020
Signature	Date
Frank A. Bruno	46583
Printed or Typed Name	Title or Registration Number

[Page 2 of 2]

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	~~0933632-00819~~ 0036177-00002
	Application Number	15215406
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.
This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secrecy Order 37 CFR 5.2:

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 — Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Yousuf		Chowdhary	

Residence Information (Select One) ○ US Residency ● Non US Residency ○ Active US Military Service

City	Country of Residence	
Maple, Ontario		CA

Mailing Address of Inventor:

Address 1	191 Athabaska Drive
Address 2	

City	State/Province	Postal Code	Country
Maple	ON	L6A 3R9	CA

Inventor 2 — Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Jeffrey		Brunet	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Country of Residence	
Aurora, Ontario		CA

Mailing Address of Inventor:

Address 1	9 Candac Valley Drive
Address 2	

City	State/Province	Postal Code	Country
Aurora	ON	L4G 6W7	CA

Inventor 3 — Remove

Legal Name

PTO/AIA/14 (11-15)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	~~0033632-00019~~ 0036177-00002
	Application Number	15215406
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

Prefix	Given Name	Middle Name	Family Name	Suffix
	Ravinder ("Ray")		Sharma	

Residence Information (Select One) US Residency (•) Non US Residency Active US Military Service

City: Toronto | Country of Residence[1]: CA

Mailing Address of Inventor:

Address 1	7 Tudor Gate
Address 2	
City	Toronto
State/Province	ON
Postal Code	M2L 1N3
Country[i]	CA

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

☐ **An Address is being provided for the correspondence Information of this application.**

Customer Number	112301		
Email Address	ipdocket@whiteandwilliams.com	Add Email	Remove Email

Application Information:

Title of the Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay		
Attorney Docket Number	0033632-00019	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	4	Suggested Figure for Publication (if any)	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	~~0033632-00019~~ 0036177-00002
	Application Number	15215406
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

Publication Information:

☐	Request Early Publication (Fee required at time of Request 37 CFR 1.219)
☐	**Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).
Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	• Customer Number	US Patent Practitioner	○ Limited Recognition (37 CFR 11.9)
Customer Number	112301		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.
When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status			Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Continuation of	14/084113	2013-11-19
Prior Application Status			Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
14084113	Claims benefit of provisional	61796715	2012-11-19

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button. Add

Foreign Priority Information:

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	~~0033632-00010~~ 036177-00002
	Application Number	15215406
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)[1] the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Remove

Application Number	Country[1]	Filing Date (YYYY-MM-DD)	Access Code[1] (if applicable)

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button. Add

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	~~0033032-00019~~ 003617-00002
	Application Number	15215406
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	~~0033632.00019~~ 0036177-00002
	Application Number	15215406
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1 Remove

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section. Clear

● Assignee	Legal Representative under 35 U.S.C. 117	Joint Inventor
Person to whom the inventor is obligated to assign.	Person who shows sufficient proprietary interest	

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here. ☒

Organization Name	~~2343127 Ontario Inc.~~ IMAGINATION PARK TECHNOLOGIES, INC.		
Mailing Address Information For Applicant:			
Address 1	~~67 Yonge Street~~ 707 W. 38TH ST.		
Address 2	~~Suite 1600~~ SUITE 230		
City	~~Toronto~~ ERIE	State/Province	PA
Country	~~CA~~ US	Postal Code	~~M5E 1J8~~ 16508
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button. Add

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	~~0033632-00019~~ 0036177-00002
	Application Number	15215406
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

Remove

If the Assignee or Non-Applicant Assignee is an Organization check here. ☐

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1			
Address 2			
City		**State/Province**	
Country i		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button. Add

Signature:

Remove

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Frank A. Bruno/			Date (YYYY-MM-DD)	2016-07-20
First Name	Frank A.	Last Name	Bruno	Registration Number	46583

Additional Signature may be generated within this form by selecting the Add button. Add

PTO/AIA/14 (11-15)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	~~9033632-00019~~ 0036177-00002
	Application Number	15215406
Title of Invention	Systems and Methods for Capture and Use of Local Elements in Gameplay	

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
15/215,406	07/20/2016	3715	1090	0036177-00002	29	1

CONFIRMATION NO. 4322

CORRECTED FILING RECEIPT

112301
Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

OC000000114711603

Date Mailed: 02/14/2020

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Yousuf Chowdhary, Maple, CANADA;
Jeffrey Brunet, Aurora, CANADA;
Ravinder ("Ray") Sharma, Toronto, CANADA;

Applicant(s)

IMAGINATION PARK TECHNOLOGIES, INC., ERIE, PA;

Power of Attorney: The patent practitioners associated with Customer Number 112301

Domestic Priority data as claimed by applicant

This application is a CON of 14/084,113 11/19/2013 ABN
which claims benefit of 61/796,715 11/19/2012

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 08/03/2016

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 15/215,406**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

Systems and Methods for Capture and Use of Local Elements in Gameplay

Preliminary Class

463

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific

countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

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Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
15/215,406	07/20/2016	Yousuf Chowdhary	0036177-00002

CONFIRMATION NO. 4322

POA ACCEPTANCE LETTER

112301
Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

OC000000114711588

Date Mailed: 02/14/2020

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 02/11/2020.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/sstephanos/

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/215,406	07/20/2016	Yousuf Chowdhary	0036177-00002	4322

112301 7590 04/06/2020

Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

EXAMINER	
HENRY, THOMAS HAYNES	

ART UNIT	PAPER NUMBER
3715	

NOTIFICATION DATE	DELIVERY MODE
04/06/2020	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipdocket@whiteandwilliams.com

Office Action Summary	Application No. 15/215,406	Applicant(s) Chowdhary et al.	
	Examiner THOMAS H HENRY	Art Unit 3715	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☑ Responsive to communication(s) filed on 2/11/20.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☐ This action is **FINAL.** 2b) ☑ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☑ Claim(s) 1-5,7-21 and 23-30 is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6) ☐ Claim(s) _____ is/are allowed.

7) ☑ Claim(s) 1-5,7-21 and 23-30 is/are rejected.

8) ☐ Claim(s) _____ is/are objected to.

9) ☐ Claim(s) _____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov.**

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.

4) ☐ Other: _____.

1. The present application is being examined under the pre-AIA first to invent provisions.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 2/11/20 has been entered.

Claim Objections

Claim 1-5, 7-21, and 23-30 are objected to because of the following informalities: applicant appears to have inadvertently included what appears to be notes related to potential amendments "para 54 user decision para 120 plurality of plot nodes each assoc with local are; if new player in local area then add corresponding plot node". Examiner has ignored this language as it appears to not be intentionally included within the claim. The dependent claims are objected to for including the language of the independent claims. Appropriate correction is required.

Claim Rejections - 35 USC § 112

> The following is a quotation of 35 U.S.C. 112(b):
> (b) CONCLUSION.—The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the inventor or a joint inventor regards as the invention.
>
> The following is a quotation of 35 U.S.C. 112 (pre-AIA), second paragraph:
> The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-5, 7-21, and 23-30 are rejected under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the inventor or a joint inventor, or for pre-AIA the applicant regards as the invention.

In re claim 1, pplicant claims “a player in a real world location…” and “other players”, and later claims “added when **a player** located in the geographic area”. It is unknown whether applicant is attempting to claim “the player” previously identified, or “one of the other players” or “a second player” entirely unrelated to the other players, or some variant thereof.

Claim Rejections - 35 USC § 103

3. In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.

4. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

5. Claims 1-5, 7-21, and 23-30 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Alghamdi (US 20110183754) in view of Ahmed (US 20130079144)

6. In re claim 1, Alghamdi discloses

- Providing access to a video game having a virtual character with a virtual character statistic (paragraph 29. The virtual character is described. With respect to a “virtual character statistic” examiner has interpreted the broadest reasonable interpretation to merely require something stored in the computing device relating to a virtual character. A wide variety of "virtual character statistics” appear in the prior art, for example paragraph 29’s “aspects” of the virtual character are the “statistic” of the character. Paragraph 25 describes “people’s names appearing in the game” as an example of a statistic, or paragraph 34 is "suitable clothes” as a statistic. Paragraph 36 discloses the clothes a virtual character is cooking, which could also be a

"virtual character statistic" as it is what the virtual character is interacting with) in which a player in a real world player location interacts with the video game according to a storyline (paragraph 7)

- Detecting with the location sensor (paragraph 17, GPS receiver) a real world player location and storing the real world location in the storage means (paragraph 8)
- Creating in a database a local element script actuatable in the video game (paragraph 36)
- Using the computing device to retrieve mapping information related to the real world player location and to actuate the local element script in the video game, wherein the local element script modifies the virtual character statistic (paragraph 29, 25, 34, 36),

7. Alghamdi does not disclose that the player interacts with other players in other real world player locations playing other virtual characters (paragraph 34 discloses different players in other real world player locations playing with other virtual characters, but does not disclose the player playing **with** the other players) and the local element script also affects the other players virtual characters in the other real world player locations while the player is interacting with the video game, however Ahmed discloses the player interacting with other players in other real world player locations playing other virtual characters (paragraph 33, multi player) and the local element script also affects one or more of a virtual character statistic and a plot node of at least one of the other players virtual characters in the other real world player locations while the player is interacting with the video game wherein a geographic area has a corresponding plot node that is added when a player located in that geographic area joins the video game (paragraph 33, the player characters are displayed as graphical avatars, with the game state of the player characters also being displayed, thus the cooking of a French Omelet or particular French Clothing of the primary reference would be displayed in the games of the other players playing the game. As described above, the French omelet or French clothing would be a "virtual character statistic" of the other players. This could also be a "plot node". These plot nodes are added

when a player located in a geographic area joins the video game, as the French player making the omelet happens from the French player being within the game and playing) It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Alghamdi with Ahmed in order to allow for multi player of Alghamdi.

8. In re claim 2 Alghamdi detecting a second or subsequent location in the course of gameplay and retrieving a second or further local element script, the second or further local element script being related to the second or subsequent location and its element (paragraph 8)

9. In re claim 3, Alghamdi discloses the correlating of the local element takes account of an operating context within the game (paragraph 36)

10. In re claim 4, Alghamdi discloses the video game includes at least one virtual character and the local element script modifies the virtual character's appearance, facial or body expression or health (paragraph 34)

11. In re claim 5, Alghamdi discloses the local element script modifies the tools, weapons, equipment or clothing of the virtual character (paragraphs 34)

12. In re claim 7, Alghamdi discloses the local element is used to determine overall mood or tension of a location and the local element script modifies character statistics representing mood or aggression in the virtual character (paragraph 36)

13. In re claim 8, Alghamdi discloses one or a combination of plot, plot nodes, character interactions, encounters, scene, setting, aesthetics, levels, premise or theme (paragraph 36)

14. In re claim 9, Alghamdi discloses modifying the scene or setting of the storyline (paragraph 36)

15. In re claim 10, Alghamdi discloses modifying or introducing non player characters, game monsters, enemies, traps, or puzzles corresponding to the local element (paragraph 36. The cooking game provides different food to cook depending on location which is interpreted as a puzzle)

16. In re claim 11, Alghamdi discloses a combination of local events, indicators, and celebrities or news figures (paragraph 36)

17. In re claim 12, Alghamdi discloses a local news item and modifying the storyline to reflect that news item (paragraph 36)

18. In re claim 13, Alghamdi discloses a crowd of non player characters (paragraph 36

19. In re claim 14, Alghamdi discloses a social indicator (paragraph 36, religion)

20. In re claim 16, Alghamdi discloses a key word extracted from the news stream of local news items (paragraph 36)

21. In re claim 17, Alghamdi discloses a change based on a change of location (paragraph 8 discloses real time location determination)

22. In re claim 18, Alghamdi discloses a default location if the location is unsupported (paragraph 16 discloses that the default is that a player may manually input a location)

23. In re claim 19, Alghamdi discloses that an approximate match is determined (paragraph 16 discloses that either approximate or more specific information can be used)

24. In re claims 20 and 21, Alghamdi discloses the storage means being local storage, and inbuilt memory (paragraph 39)

25. In re claim 23, Alghamdi discloses retrieving player location from a sensor (paragraph 3)

26. In re claim 24, Alghamdi discloses a mobile device (paragraph 10)

27. In re claim 25, Alghamdi discloses GPS (paragraph 3)

28. In re claim 26, Alghamdi a fantasy location (paragraph 45)

29. In re claim 27, Alghamdi discloses retrieval of a map location from a map (paragraph 3)

30. In re claims 28 and 29, Alghamdi discloses the location is detected at login or during gameplay (paragraph 34)

31. In re claim 30, Alghamdi discloses retrieving from a database using the computing device a local element based on the real world player location (paragraphs 25, 29, 34, 36)

32. In re claim 15, Alghamdi in view of Ahmed discloses the claimed invention except introducing a local celebrity or news figure, however official notice was taken in the non final dated 10/14/16 and was not argued in the arguments of 4/13/17, thus it is taken as applicant admitted prior art that this is notoriously well known news and location related information, as such it would have been obvious to one of ordinary skill in the art to incorporate this type of information into the storyline of a video game as taught by Alghamdi.

Response to Arguments

Applicant's arguments have been fully considered but they are not persuasive.

Applicant argues the amendments overcome the prior art of record. It is first noted by examiner that the newly added limitation is extremely broad. Applicant has clamed “a geographic area” with no particular correspondence to the previously claimed “real world player location”, and has claimed a “corresponding plot node” with no particular correspondence to the previously claimed “plot node”, and is claiming “a player” which as noted in the 112 rejection might be an entirely new player unrelated to all previously claimed player. As such the new language appears to be almost entirely disconnected from the other language of the claim as far as relationship beyond being within the same “video game”. Further, this appears to be taught by Ahmed, as this appears to be mostly rephrasing the previously claimed language. This is merely claiming that a plot node is added when a player joins, so a French player making a French omelet reads on the limitation as claimed. It is noted by examiner that the particulars of the language discussed within the previous interview (“real world area which was not previously represented” “made available to all users”) are not present within the claims, and as such the newly added limitations fail to overcome the art of record.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to THOMAS HAYNES HENRY whose telephone number is (571)270-3905. The examiner can normally be reached on M-F 10-6.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kang Hu can be reached on 571-270-1344. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/THOMAS H HENRY/
Examiner, Art Unit 3715

/KANG HU/
Supervisory Patent Examiner, Art Unit 3715

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15/215,406	Chowdhary et al.
	Examiner	Art Unit
	THOMAS H HENRY	3715

CPC - Searched*		
Symbol	Date	Examiner
A63F13/65, 13/60, 13/10, 13/12	10/1/16	TH

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
EAST search	10/1/16	TH
Inventor Name Search	10/1/16	TH
updated search	7/19/17	TH
updated search	5/14/18	TH
updated search	08/05/2019	TH
updatedsearch	03/27/2020	TH

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

	/THOMAS H HENRY/ Examiner, Art Unit 3715

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	241	(A63F13/65).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:18
S2	119	(A63F13/60).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S3	6605	(A63F13/10).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S4	7979	(A63F13/12).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S5	0	change with story with local with game	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:57
S6	1	change with story with location with game	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:57
S7	83	("463").clas. and (location with customize)	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:58
S8	33	("20060189371" | "7484176" | "20080139306" | "20080070669" | "5941772" | "20110190066" | "20070077978" | "20090156179" | "20070259713" | "20080026838" | "6476830" | "20070093299" | "6887157" | "7090576" | "20050037845" | "20080020788" | "20090023489" | "20110201414" | "20030083943" | "20080167106" | "20030188306" | "20050137015" | "20060240894" | "20070060330" | "20120322550" | "20090124384" | "20050227811" | "20030073494" | "20090124386" | "20020042740" | "20070197296" | "20080181535" | "20100137067").PN.	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:04
S9	23	S8 and location	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:04
S10	1133	("463").clas. and (location with (item story storyline building))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:10
S11	15408	game and (location with (item story storyline building))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:10
S12	812	("463").clas. and (location with (item story storyline))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:11

S13	98	("463").clas. and (location with (story storyline))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:11
S14	1	"20070021203"	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:13
S15	1	"20110319148"	US-PGPUB; USPAT	OR	OFF	2016/01/06 20:00
S16	60	("463").clas. and (player with location) same (story storyline)	US-PGPUB; USPAT	OR	OFF	2016/01/11 16:12
S17	9	("463").clas. and (geographic with location) same (story storyline)	US-PGPUB; USPAT	OR	OFF	2016/01/11 16:12
S18	2	"13325151"	US-PGPUB; USPAT	OR	OFF	2017/07/24 08:48
S19	152	iphone with docking with station	US-PGPUB; USPAT	OR	OFF	2018/05/16 12:39
S20	2	"20090111556"	US-PGPUB; USPAT	OR	OFF	2019/08/05 05:34
S21	1	"15215406"	US-PGPUB; USPAT	OR	OFF	2020/01/17 13:56

EAST Search History (Interference)

<This search history is empty>

3/27/2020 6:21:55 PM
C:\Users\thenry\Documents\EAST\Workspaces\14084113.wsp

UNITED STATES PATENT AND TRADEMARK OFFICE

USPTO Automated Interview Request (AIR)

Apr 16 2020

This paper requesting to schedule and/or conduct an interview is appropriate because:

This submission is requested to be accepted as an authorization for this interview to communicate via the internet. Recognizing that Internet communications are not secure, I hereby authorize the USPTO to communicate with the undersigned concerning scheduling of the interview via video conference, instant messaging, or electronic mail, and to conduct the interview in accordance with office practice including video conferencing.

Name(s):
Frank Bruno

S-signature:
/Frank Bruno/

Registration Number:
46583

U.S. Application Number:
15215406

Confirmation Number:
4322

E-mail Address:
brunof@whiteandwilliams.com

Phone Number:
+1 2158646225

Proposed Time of Interview:
4-24-2020 2:30 PM ET

Alternative Proposed Time(s) of Interview:
4-28-2020 2:30 PM ET

Alternative Proposed Time(s) of Interview:
4-29-2020 2:30 PM ET

Prefered Interview Type:
Telephonic

I am the applicant or applicant's representative for this application.

Topic for Discussion:
Response to outstanding office action

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/215,406	07/20/2016	Yousuf Chowdhary	0036177-00002	4322

112301 7590 04/29/2020

Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

EXAMINER
HENRY, THOMAS HAYNES

ART UNIT	PAPER NUMBER
3715	

NOTIFICATION DATE	DELIVERY MODE
04/29/2020	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipdocket@whiteandwilliams.com

Applicant-Initiated Interview Summary	Application No. 15/215,406	Applicant(s) Chowdhary et al.	
	Examiner THOMAS H HENRY	Art Unit 3715	AIA (FITF) Status No

All participants (applicant, applicants representative, PTO personnel):

(1) THOMAS HAYNES. HENRY. (3) _____.

(2) Frank Bruno. (4) _____.

Date of Interview: 24 April 2020.

Type: ☑ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☑ No.
If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☐102 ☐103 ☐Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 1.

Identification of prior art discussed: Alghamdi, Ahmed.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Generally discussed potential amendments to the claims. Discussed putting the relationship of the geographic area, the plot nodes, the local element script, the virtual character statistic, and the players within the "creating a database" step, with the particular steps performed from the database in the "using the computer device" step, such that the relationship between the various portions of the claim are made clear. No agreement was reached..

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/KANG HU/ Supervisory Patent Examiner, Art Unit 3715	/THOMAS H HENRY/ Examiner, Art Unit 3715

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record
A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) 1.133 Interviews
Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.
All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiners responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicants correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:
- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:
1) A brief description of the nature of any exhibit shown or any demonstration conducted,-
2) an identification of the claims discussed,
3) an identification of the specific prior art discussed,
4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
6) a general indication of any other pertinent matters discussed, and
7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicants record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiners version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, Interview Record OK on the paper recording the substance of the interview along with the date and the examiners initials.

Attorney Docket No.: 0036177-00002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yousuf Chowdhary et al.	:	Group Art No.: 3717
Serial No.: 15/215,406	:	Confirmation No.: 4322
Filed: July 20, 2016	:	Examiner: Thomas Haynes Henry

For: *Systems and Methods for Capture and Use of Local Elements in Gameplay*

Commissioner for Patents
P.O. Box 1450
Arlington, Virginia 22313-1450

RESPONSE TO NON-FINAL OFFICE ACTION

Dear Sir/Madam:

Applicant respectfully submits this Response to the Non-Final Office Action mailed April 6, 2020. The application is respectfully requested to be amended as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

CLAIMS

1. (Currently Amended) A computer-implemented method of enabling virtual gameplay on a computing device in communication with a storage means and a location sensor, the method comprising the steps of:

providing access to a video game having a virtual character with a virtual character statistic in which a player in a real world player geographic location interacts with the video game and with other players in other real world player geographic locations playing other virtual characters;

detecting with the location sensor the real world player geographic location of the player[[,]] and storing the real world player geographic location in the storage means;

creating in a database a local element script associated with the real world player geographic location, the local element script actuatable in the video game to modify one or more of the virtual character statistic and a plot node; and

~~using the computing device to retrieve~~ retrieving from the database mapping information related to the real world player geographic location of the player and [[to actuate]] actuating the corresponding local element script in the video game,

wherein actuating the local element script [[modifies]] comprises modifying the virtual character statistic [[,]] of the player's virtual character and ~~the local element script also affects~~ modifying one or more of a virtual character statistic and a plot node of at least one of the other players' virtual characters ~~in the other real world player locations~~ while the player is interacting with the video game~~, wherein a geographic area has a corresponding plot node that is added~~

~~when a player located in that geographic area joins the video game~~ and the player's real world player geographic location is not represented by another player.

2. (Previously presented) The method of claim 1, further comprising detecting a second or subsequent location in the course of gameplay, and creating a second or further local element script, the second or further local element script being related to the second or subsequent location.

3. (Previously presented) The method of claim 1, wherein the creation of the local element script takes account of an operating context within the game.

4. (Previously presented) The method of claim 1, wherein the local element script modifies the virtual character's appearance, facial or body expression or health.

5. (Previously presented) The method of claim 1, wherein the local element script modifies the tools, weapons, equipment or clothing of the virtual character.

6. (Previously cancelled)

7. (Previously presented) The method of claim 30, wherein the local element is used to determine overall mood or tension of a location, and the local element script modifies character statistics representing mood or aggression in the virtual character.

8. (Previously presented) The method of claim 1, wherein the player is able to interact with the video game according to a storyline which comprises one or a combination of plot, plot nodes, character interactions, encounters, scene, setting, aesthetics, levels, premise, or theme.

9. (Original) The method of claim 8, wherein the local element script modifies the scene or setting of the storyline.

10. (Previously presented) The method of claim 30, wherein the local element script modifies or introduces non-player characters, game monsters, enemies, traps or puzzles corresponding to the local element.

11. (Previously presented) The method of claim 30, wherein the local element comprises one or a combination of local events, local indicators, and local celebrities or news figures.

12. (Previously presented) The method of claim 30, wherein the local element is a local news item and the local element script modifies the storyline to reflect that news item.

13. (Original) The method of claim 12, wherein, if the news item refers to a crowd of people, the local element script introduces a crowd of non-player characters into the storyline.

14. (Previously presented) The method of claim 30, wherein the local element is a weather, social, political, economic, stock market, demographic, traffic, crime, or construction indicator

relevant to the location, and the local element script modifies the storyline to reflect that indicator.

15. (Previously presented) The method of claim 30, wherein the local element is a local celebrity or news figure, and the local element script modifies the storyline to introduce a non-player character representing that local celebrity or news figure.

16. (Original) The method of claim 12, wherein the local element comprises a keyword extracted from a news stream of local news items.

17. (Original) The method of claim 1, wherein the location is re-detected at intervals, and in the event of a change in the location, a virtual character is shown moving to a new scene in the storyline.

18. (Original) The method of claim 1, wherein if a null location is detected or the detected location is unsupported, a default or random storyline is provided.

19. (Original) The method of claim 1, wherein if the location does not match a local element in the database, an approximate match is used.

20. (Original) The method of claim 1, wherein the storage means is provided by one or a combination of: a local fixed memory, a local removable memory, a remote fixed memory, a remote removable memory, and a virtual memory.

21. (Original) The method of claim 1, wherein the storage means is selected from the group consisting of: a local data storage of a game console, a local inbuilt memory, a user provided memory, an online server, and a shared folder on a network.

22. (Previously cancelled)

23. (Original) The method of claim 1, wherein the player is enabled to play the game using a game device, and the player location is detected by an on-board sensor on the game device.

24. (Original) The method of claim 23, wherein the game device is a mobile device.

25. (Original) The method of claim 1, wherein the detecting step includes retrieving player location from one or a combination of GPS, A-GPS, WiFi, IP address, account or billing address, and player provided location information.

26. (Original) The method of claim 25, wherein the player provided location information is a fantasy location.

27. (Previously presented) The method of claim 1, wherein the mapping information includes at least one map from a map database representing the detected location.

28. (Original) The method of claim 1, wherein the location is detected at login.

29. (Original) The method of claim 1, wherein the location is detected during gameplay.

30. (Previously presented) The method of claim 1, further comprising retrieving from a database using the computing device a local element based on the real world player location.

REMARKS

I. Status of Claims

Claims 1-5, 7-21, and 23-30 were pending.

Claims 1-5, 7-21, and 23-30 were rejected in the office action.

Claim 1 is hereby amended.

II. Responses to Rejections

Rejection under 35 U.S.C. § 103

Claims 1-5, 7-21, and 23-30 were rejected under 35 U.S.C. § 103 as unpatentable over Alghamdi (US 20110183754) in view of Ahmed (US 20130079144). Applicants assert none of the cited references, alone or in combination, show or suggest the elements of the claims.

In particular, neither reference shows nor suggests "wherein actuating the local element script comprises modifying the virtual character statistic of the player's virtual character and modifying one or more of a virtual character statistic and a plot node of at least one of the other players' virtual characters while the player is interacting with the video game and the player's real world player geographic location is not represented by another player" as recited in amended independent claim 1. Support for this amendment is found in the specification of the present application at paras. 0054 and 00120-123. Applicants submit the claims are in condition for allowance, and request fresh consideration in light of this response.

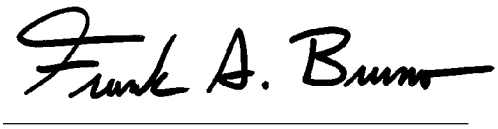
III. Conclusion

Entry of this Amendment is respectfully requested. No new matter is presented. Any fees are to be charged to Deposit Account No. 506044. Authorization is hereby given to charge Deposit Account no. 506044 for any future underpayment, or to credit any overpayments.

Please address all correspondence to ipdocket@whiteandwilliams.com. Should there be any questions or other matters that may be resolved by a telephone call, the Examiner is invited to contact the undersigned attorney at the number below.

Respectfully submitted,

Dated: May 11, 2020

By: 

Frank A. Bruno
Registration No. 46,583
White and Williams LLP
Customer No.: 112301
Direct Tel. No.: 215-864-6225

Electronic Acknowledgement Receipt

EFS ID:	39403891
Application Number:	15215406
International Application Number:	
Confirmation Number:	4322
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Customer Number:	112301
Filer:	Frank Anthony Bruno/Claire Volpe
Filer Authorized By:	Frank Anthony Bruno
Attorney Docket Number:	0036177-00002
Receipt Date:	11-MAY-2020
Filing Date:	20-JUL-2016
Time Stamp:	14:12:00
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		02_RESPONSE.pdf	166457 4b7bd7f129fdaab6ec7cf80b430c599492613e77	yes	9

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Claims	2	7
	Applicant Arguments/Remarks Made in an Amendment	8	9
Warnings:			
Information:			
	Total Files Size (in bytes):	166457	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/215,406	07/20/2016	Yousuf Chowdhary	0036177-00002	4322

112301 7590 09/04/2020

Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

EXAMINER	
HENRY, THOMAS HAYNES	

ART UNIT	PAPER NUMBER
3715	

NOTIFICATION DATE	DELIVERY MODE
09/04/2020	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipdocket@whiteandwilliams.com

Office Action Summary	Application No. 15/215,406	Applicant(s) Chowdhary et al.	
	Examiner THOMAS H HENRY	Art Unit 3715	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☑ Responsive to communication(s) filed on 5/11/20.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☑ This action is **FINAL.** 2b) ☐ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☑ Claim(s) 1-30 is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6) ☐ Claim(s) _____ is/are allowed.

7) ☑ Claim(s) 1-30 is/are rejected.

8) ☐ Claim(s) _____ is/are objected to.

9) ☐ Claim(s) _____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov.**

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.

4) ☐ Other: _____.

1. The present application is being examined under the pre-AIA first to invent provisions.

Claim Rejections - 35 USC § 103

2. In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.

3. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. Claims 1-5, 7-21, and 23-30 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Alghamdi (US 20110183754) in view of Ahmed (US 20130079144)

5. In re claim 1, Alghamdi discloses

- Providing access to a video game having a virtual character with a virtual character statistic (paragraph 29. The virtual character is described. With respect to a “virtual character statistic” examiner has interpreted the broadest reasonable interpretation to merely require something stored in the computing device relating to a virtual character. A wide variety of "virtual character statistics” appear in the prior art, for example paragraph 29’s “aspects” of the virtual character are the “statistic” of the character. Paragraph 25 describes “people’s names appearing in the game” as an example of a statistic, or paragraph 34 is "suitable clothes” as a statistic. Paragraph 36 discloses the clothes a virtual character is cooking, which could also be a “virtual character statistic” as it is what the virtual character is interacting with) in which a player in a real world player geographical location interacts with the video game (paragraph 7)

- Detecting with the location sensor (paragraph 17, GPS receiver) a real world player geographic location of the player and storing the real world geographic location in the storage means (paragraph 8)
- Creating in a database a local element script associated with the real world player geographic location, the local element script actuatable in the video game to modify one or more of the virtual character statistic and a plot node (paragraph 36)
- Retrieving from the database mapping information related to the real world geographic location of the player and actuating the corresponding local element script in the video game, wherein the local element script modifies the virtual character statistic while the player is interacting with the video game (paragraph 29, 25, 34, 36) and the players real world player geographic location is not represented by another player (In the case of Alghamdi, the modification **always** occurs, which would mean that it occurs **whether or not** the players real world player geographic location is represented by another player, however this teaches the invention as claimed, as this would teach modifying when the real world location is "not represented by another player", and applicant has not claimed what occurs in the circumstance that the players real world location is represented by another player.)

6. Alghamdi does not disclose that the player interacts with other players in other real world player locations playing other virtual characters (paragraph 34 discloses different players in other real world player locations playing with other virtual characters, but does not disclose the player playing **with** the other players) and the local element script also affects the other players virtual characters in the other real world player locations while the player is interacting with the video game, however Ahmed discloses the player interacting with other players in other real world player locations playing other virtual characters (paragraph 33, multi player) and the local element script also affects one or more of a virtual character statistic and a plot node of at least one of the other players virtual characters

in the other real world player locations while the player is interacting with the video game wherein a geographic area has a corresponding plot node that is added when a player located in that geographic area joins the video game (paragraph 33, the player characters are displayed as graphical avatars, with the game state of the player characters also being displayed, thus the cooking of a French Omelet or particular French Clothing of the primary reference would be displayed in the games of the other players playing the game. As described above, the French omelet or French clothing would be a "virtual character statistic" of the other players. This could also be a "plot node". These plot nodes are added when a player located in a geographic area joins the video game, as the French player making the omelet happens from the French player being within the game and playing) It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Alghamdi with Ahmed in order to allow for multi player of Alghamdi.

7. In re claim 2 Alghamdi detecting a second or subsequent location in the course of gameplay and retrieving a second or further local element script, the second or further local element script being related to the second or subsequent location and its element (paragraph 8)

8. In re claim 3, Alghamdi discloses the correlating of the local element takes account of an operating context within the game (paragraph 36)

9. In re claim 4, Alghamdi discloses the video game includes at least one virtual character and the local element script modifies the virtual character's appearance, facial or body expression or health (paragraph 34)

10. In re claim 5, Alghamdi discloses the local element script modifies the tools, weapons, equipment or clothing of the virtual character (paragraphs 34)

11. In re claim 7, Alghamdi discloses the local element is used to determine overall mood or tension of a location and the local element script modifies character statistics representing mood or aggression in the virtual character (paragraph 36)

12. In re claim 8, Alghamdi discloses one or a combination of plot, plot nodes, character interactions, encounters, scene, setting, aesthetics, levels, premise or theme (paragraph 36)

13. In re claim 9, Alghamdi discloses modifying the scene or setting of the storyline (paragraph 36)

14. In re claim 10, Alghamdi discloses modifying or introducing non player characters, game monsters, enemies, traps, or puzzles corresponding to the local element (paragraph 36. The cooking game provides different food to cook depending on location which is interpreted as a puzzle)

15. In re claim 11, Alghamdi discloses a combination of local events, indicators, and celebrities or news figures (paragraph 36)

16. In re claim 12, Alghamdi discloses a local news item and modifying the storyline to reflect that news item (paragraph 36)

17. In re claim 13, Alghamdi discloses a crowd of non player characters (paragraph 36

18. In re claim 14, Alghamdi discloses a social indicator (paragraph 36, religion)

19. In re claim 16, Alghamdi discloses a key word extracted from the news stream of local news items (paragraph 36)

20. In re claim 17, Alghamdi discloses a change based on a change of location (paragraph 8 discloses real time location determination)

21. In re claim 18, Alghamdi discloses a default location if the location is unsupported (paragraph 16 discloses that the default is that a player may manually input a location)

22. In re claim 19, Alghamdi discloses that an approximate match is determined (paragraph 16 discloses that either approximate or more specific information can be used)

23. In re claims 20 and 21, Alghamdi discloses the storage means being local storage, and inbuilt memory (paragraph 39)

24. In re claim 23, Alghamdi discloses retrieving player location from a sensor (paragraph 3)

25. In re claim 24, Alghamdi discloses a mobile device (paragraph 10)

26. In re claim 25, Alghamdi discloses GPS (paragraph 3)

27. In re claim 26, Alghamdi a fantasy location (paragraph 45)

28. In re claim 27, Alghamdi discloses retrieval of a map location from a map (paragraph 3)

29. In re claims 28 and 29, Alghamdi discloses the location is detected at login or during gameplay (paragraph 34)

30. In re claim 30, Alghamdi discloses retrieving from a database using the computing device a local element based on the real world player location (paragraphs 25, 29, 34, 36)

31. In re claim 15, Alghamdi in view of Ahmed discloses the claimed invention except introducing a local celebrity or news figure, however official notice was taken in the non final dated 10/14/16 and was not argued in the arguments of 4/13/17, thus it is taken as applicant admitted prior art that this is notoriously well known news and location related information, as such it would have been obvious to one of ordinary skill in the art to incorporate this type of information into the storyline of a video game as taught by Alghamdi.

Response to Arguments

Applicant's arguments have been fully considered but they are not persuasive.

Applicant argues that the newly added limitation of "actuating the local element script comprises modifying the virtual character statistic of the player's virtual character and modifying one or more of a virtual character statistic and a plot node of at least one of the other players' virtual characters while the player is interacting with the video game and the player's real world geographic location is not represented by another player" is not taught by the cited references.

Examiner believes that the particular portion of note is "the player's real world geographic location is not represented by another player." Support for this is described in paragraph 120, wherein the specification states "the system checks to see if the local elements of above said player locations are **unique**, i.e. if any other players from the same location is also engaged in the gameplay of the virtual

world at the same time." Thus, read in light of the specification, the limitation of "not represented by another player" is understood to mean a "unique" player location.

The specification goes on to state that "If player location and its local elements are **not unique** then gameplay continues **with no changes**". This limitation is not taught by Alghamdi, however this limitation is **not** within the claims, and the broadest reasonable interpretation of the claims does not include this limitation, as the claims are silent as to what occurs when the player location is not unique. As such Alghamdi discloses the limitation as claimed, as Alghamdi always modifies, whether or not the player location is unique, which means that the modification occurs when the player's real world geographic location is not represented by another player.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to THOMAS HAYNES HENRY whose telephone number is (571)270-3905. The examiner can normally be reached on M-F 10-6.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kang Hu can be reached on 571-270-1344. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see https://ppair-my.uspto.gov/pair/PrivatePair. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/THOMAS H HENRY/
Examiner, Art Unit 3715

/KANG HU/
Supervisory Patent Examiner, Art Unit 3715

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15/215,406	Chowdhary et al.
	Examiner	Art Unit
	THOMAS H HENRY	3715

CPC - Searched*		
Symbol	Date	Examiner
A63F13/65, 13/60, 13/10, 13/12	10/1/16	TH

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
EAST search	10/1/16	TH
Inventor Name Search	10/1/16	TH
updated search	7/19/17	TH
updated search	5/14/18	TH
updated search	08/05/2019	TH
updated search	03/27/2020	TH
updated search	08/10/2020	TH

	/THOMAS H HENRY/ Examiner, Art Unit 3715

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15/215,406	Chowdhary et al.
	Examiner	Art Unit
	THOMAS H HENRY	3715

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

	/THOMAS H HENRY/ Examiner, Art Unit 3715

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	241	(A63F13/65).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:18
S2	119	(A63F13/60).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S3	6,605	(A63F13/10).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S4	7,979	(A63F13/12).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S5	0	change with story with local with game	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:57
S6	1	change with story with location with game	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:57
S7	83	("463").clas. and (location with customize)	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:58
S8	33	("20060189371" | "7484176" | "20080139306" | "20080070669" | "5941772" | "20110190066" | "20070077978" | "20090156179" | "20070259713" | "20080026838" | "6476830" | "20070093299" | "6887157" | "7090576" | "20050037845" | "20080020788" | "20090023489" | "20110201414" | "20030083943" | "20080167106" | "20030188306" | "20050137015" | "20060240894" | "20070060330" | "20120322550" | "20090124384" | "20050227811" | "20030073494" | "20090124386" | "20020042740" | "20070197296" | "20080181535" | "20100137067").PN.	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:04
S9	23	S8 and location	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:04
S10	1,133	("463").clas. and (location with (item story storyline building))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:10

S11	15,408	game and (location with (item story storyline building))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:10
S12	812	("463").clas. and (location with (item story storyline))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:11
S13	98	("463").clas. and (location with (story storyline))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:11
S14	1	"20070021203"	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:13
S15	1	"20110319148"	US-PGPUB; USPAT	OR	OFF	2016/01/06 20:00
S16	60	("463").clas. and (player with location) same (story storyline)	US-PGPUB; USPAT	OR	OFF	2016/01/11 16:12
S17	9	("463").clas. and (geographic with location) same (story storyline)	US-PGPUB; USPAT	OR	OFF	2016/01/11 16:12
S18	2	"13325151"	US-PGPUB; USPAT	OR	OFF	2017/07/24 08:48
S19	152	iphone with docking with station	US-PGPUB; USPAT	OR	OFF	2018/05/16 12:39
S20	2	"20090111556"	US-PGPUB; USPAT	OR	OFF	2019/08/05 05:34
S21	1	"15215406"	US-PGPUB; USPAT	OR	OFF	2020/01/17 13:56
S22	31	unique with geographical with location and (G07F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/08/10 12:59
S23	14	unique with geographical with location and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/08/10 13:00
S24	81	unique with country and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/08/10 13:01
S25	564	unique with state and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/08/10 13:04

S26	463	map with player with location and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/08/10 13:04
S27	51	map with player with world with location and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/08/10 13:04

EAST Search History (Interference)

<This search history is empty>

8/11/2020 12:22:54 PM
C:\Users\thenry\Documents\EAST\Workspaces\14084113.wsp

UNITED STATES PATENT AND TRADEMARK OFFICE

USPTO Automated Interview Request (AIR)

Nov 19 2020

This paper requesting to schedule and/or conduct an interview is appropriate because:

This submission is requested to be accepted as an authorization for this interview to communicate via the internet. Recognizing that Internet communications are not secure, I hereby authorize the USPTO to communicate with the undersigned concerning scheduling of the interview via video conference, instant messaging, or electronic mail, and to conduct the interview in accordance with office practice including video conferencing.

Name(s):
Frank Bruno

S-signature:
/Frank Bruno/

Registration Number:
46583

U.S. Application Number:
15215406

Confirmation Number:
4322

E-mail Address:
brunof@whiteandwilliams.com

Phone Number:
+1 2158646225

Proposed Time of Interview:
11-27-2020 9:30 AM ET

Alternative Proposed Time(s) of Interview:
11-27-2020 3:30 PM ET

Alternative Proposed Time(s) of Interview:
11-30-2020 9:30 AM ET

Prefered Interview Type:
Telephonic

I am the applicant or applicant's representative for this application.

Topic for Discussion:
Outstanding office action

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 15/215,406	Filing Date 07/20/2016	☐ To be Mailed

ENTITY: ☑ LARGE ☐ SMALL ☐ MICRO

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A		N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*		x $80 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $420 =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))					
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT	11/23/2020	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 28	Minus	** 29	= 0		x $100 =	0
	Independent (37 CFR 1.16(h))	* 1	Minus	*** 3	= 0		x $480 =	0
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	0

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=		x $0 =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x $0 =	
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.	LIE
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".	/JAMES ELLIOTT/
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".	
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.	

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/30 (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Request for Continued Examination (RCE) Transmittal

Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	15/215,406
Filing Date	July 20, 2016
First Named Inventor	Yousuf Chowdhary
Art Unit	3717
Examiner Name	Thomas Haynes Henry
Attorney Docket Number	0036177-00002

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. Submission required under 37 CFR 1.114 Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

   a. ☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

      i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

      ii. ☐ Other _____

   b. ☑ Enclosed

      i. ☑ Amendment/Reply

      ii. ☐ Affidavit(s)/ Declaration(s)

      iii. ☐ Information Disclosure Statement (IDS)

      iv. ☐ Other _____

2. Miscellaneous

   a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

   b. ☐ Other _____

3. Fees The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

   a. ☑ The Director is hereby authorized to charge the following fees, any underpayment of fees, or credit any overpayments, to Deposit Account No. 506044.

      i. ☑ RCE fee required under 37 CFR 1.17(e)

      ii. ☐ Extension of time fee (37 CFR 1.136 and 1.17)

      iii. ☐ Other _____

   b. ☐ Check in the amount of $ _____ enclosed

   c. ☐ Payment by credit card (Form PTO-2038 enclosed)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Signature	/Frank A. Bruno/	Date	11/23/20
Name (Print/Type)	Frank A. Bruno	Registration No.	46583

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Signature			
Name (Print/Type)		Date	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for RCEs

(not to be submitted to the USPTO)

NOTES:

An RCE is not a new application, and filing an RCE will not result in an application being accorded a new filing date.

Filing Qualifications:

The application must be a utility or plant application filed on or after June 8, 1995. The application cannot be a provisional application, a utility or plant application filed before June 8, 1995, a design application, or a patent under reexamination. See 37 CFR 1.114(e).

Filing Requirements:

Prosecution in the application must be closed. Prosecution is closed if the application is under appeal, or the last Office action is a final action, a notice of allowance, or an action that otherwise closes prosecution in the application (e.g., an Office action under *Ex parte Quayle*). See 37 CFR 1.114(b).

A submission and a fee are required at the time the RCE is filed. If reply to an Office action under 35 U.S.C. 132 is outstanding (e.g., the application is under final rejection), the submission must meet the reply requirements of 37 CFR 1.111. If there is no outstanding Office action, the submission can be an information disclosure statement, an amendment, new arguments, or new evidence. See 37 CFR 1.114(c). The submission may be a previously filed amendment (e.g., an amendment after final rejection).

WARNINGS:

Request for Suspension of Action:

All RCE filing requirements must be met before suspension of action is granted. A request for a suspension of action under 37 CFR 1.103(c) does not satisfy the submission requirement and does not permit the filing of the required submission to be suspended.

Improper RCE will NOT toll Any Time Period:

Before Appeal - If the RCE is improper (e.g., prosecution in the application is not closed or the submission or fee has not been filed) and the application is not under appeal, the time period set forth in the last Office action will continue to run and the application will be abandoned after the statutory time period has expired if a reply to the Office action is not timely filed. No additional time will be given to correct the improper RCE.

Under Appeal - If the RCE is improper (e.g., the submission or the fee has not been filed) and the application is under appeal, the improper RCE is effective to withdraw the appeal. Withdrawal of the appeal results in the allowance or abandonment of the application depending on the status of the claims. If there are no allowed claims, the application is abandoned. If there is at least one allowed claim, the application will be passed to issue on the allowed claim(s). See MPEP 1215.01.

See MPEP 706.07(h) for further information on the RCE practice.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	15215406
Filing Date:	20-Jul-2016
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Filer:	Frank Anthony Bruno/Claire Volpe
Attorney Docket Number:	0036177-00002

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
RCE- 2ND AND SUBSEQUENT REQUEST	1820	1	2000	2000
		Total in USD ($)		**2000**

Electronic Acknowledgement Receipt

EFS ID:	41202036
Application Number:	15215406
International Application Number:	
Confirmation Number:	4322
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Customer Number:	112301
Filer:	Frank Anthony Bruno/Claire Volpe
Filer Authorized By:	Frank Anthony Bruno
Attorney Docket Number:	0036177-00002
Receipt Date:	23-NOV-2020
Filing Date:	20-JUL-2016
Time Stamp:	16:13:39
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$2000
RAM confirmation Number	E2020AMG15063942
Deposit Account	506044
Authorized User	Claire Volpe

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

37 CFR 1.19 (Document supply fees)

37 CFR 1.20 (Post Issuance fees)

37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		02_RESPONSE.pdf	201347 cba5d29b00d9e9cf99b330af7400b5912f3c4b7a	yes	8

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Applicant Arguments/Remarks Made in an Amendment	7	8
	Claims	2	6
	Election in Response to Notice of Final Determination	1	1

Warnings:

Information:

2	Request for Continued Examination (RCE)	02_RCE.pdf	313126 deb03ef37101e2a218bcd4cbaa1372902abe4d00	no	3

Warnings:

This is not a USPTO supplied RCE SB30 form.

Information:

3	Fee Worksheet (SB06)	fee-info.pdf	30636 9f3dc44e07b6635d18b20ad878261a9be2385605	no	2

Warnings:

Information:

Total Files Size (in bytes):	545109

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

REMARKS

I. Status of Claims

Claims 1-5, 7-21, and 23-30 were pending.

Claims 1-5, 7-21, and 23-30 were rejected in the office action.

Claim 1 is hereby amended.

II. Responses to Rejections

Rejection under 35 U.S.C. § 103

Claims 1-5, 7-21, and 23-30 were rejected under 35 U.S.C. § 103 as unpatentable over Alghamdi (US 20110183754) in view of Ahmed (US 20130079144). Applicants assert none of the cited references, alone or in combination, show or suggest the elements of the claims.

In the outstanding office action, the Examiner noted the cited references do not show or suggest that "If player and its local elements are **not unique** then gameplay continues with no changes." Office Action at p. 7. Accordingly, Applicant hereby amends independent claim 1 to include the following element: "wherein the local element script is not actuated when the player's real world player geographic location is represented by another player." Support for this amendment is found in the specification of the present application at para. 00120. Applicant submits the claims are in condition for allowance and request fresh consideration in light of this response.

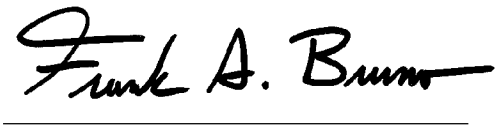
III. Conclusion

Entry of this Amendment is respectfully requested. No new matter is presented. Any fees are to be charged to Deposit Account No. 506044. Authorization is hereby given to charge Deposit Account no. 506044 for any future underpayment, or to credit any overpayments.

Please address all correspondence to ipdocket@whiteandwilliams.com. Should there be any questions or other matters that may be resolved by a telephone call, the Examiner is invited to contact the undersigned attorney at the number below.

Respectfully submitted,

Dated: November 23, 2020

By: 

Frank A. Bruno
Registration No. 46,583
White and Williams LLP
Customer No.: 112301
Direct Tel. No.: 215-864-6225

CLAIMS

1. (Currently Amended) A computer-implemented method of enabling virtual gameplay on a computing device in communication with a storage means and a location sensor, the method comprising the steps of:

providing access to a video game having a virtual character with a virtual character statistic in which a player in a real world player geographic location interacts with the video game and with other players in other real world player geographic locations playing other virtual characters;

detecting with the location sensor the real world player geographic location of the player and storing the real world player geographic location in the storage means;

creating in a database a local element script associated with the real world player geographic location, the local element script actuatable in the video game to modify one or more of the virtual character statistic and a plot node; and

retrieving from the database mapping information related to the real world player geographic location of the player and actuating the corresponding local element script in the video game,

wherein actuating the local element script comprises modifying the virtual character statistic of the player's virtual character and modifying one or more of a virtual character statistic and a plot node of at least one of the other players' virtual characters while the player is interacting with the video game and the player's real world player geographic location is not represented by another player, and

wherein the local element script is not actuated when the player's real world player geographic location is represented by another player.

2. (Previously presented) The method of claim 1, further comprising detecting a second or subsequent location in the course of gameplay, and creating a second or further local element script, the second or further local element script being related to the second or subsequent location.

3. (Previously presented) The method of claim 1, wherein the creation of the local element script takes account of an operating context within the game.

4. (Previously presented) The method of claim 1, wherein the local element script modifies the virtual character's appearance, facial or body expression or health.

5. (Previously presented) The method of claim 1, wherein the local element script modifies the tools, weapons, equipment or clothing of the virtual character.

6. (Previously cancelled)

7. (Previously presented) The method of claim 30, wherein the local element is used to determine overall mood or tension of a location, and the local element script modifies character statistics representing mood or aggression in the virtual character.

8. (Previously presented) The method of claim 1, wherein the player is able to interact with the video game according to a storyline which comprises one or a combination of plot, plot nodes, character interactions, encounters, scene, setting, aesthetics, levels, premise, or theme.

9. (Original) The method of claim 8, wherein the local element script modifies the scene or setting of the storyline.

10. (Previously presented) The method of claim 30, wherein the local element script modifies or introduces non-player characters, game monsters, enemies, traps or puzzles corresponding to the local element.

11. (Previously presented) The method of claim 30, wherein the local element comprises one or a combination of local events, local indicators, and local celebrities or news figures.

12. (Previously presented) The method of claim 30, wherein the local element is a local news item and the local element script modifies the storyline to reflect that news item.

13. (Original) The method of claim 12, wherein, if the news item refers to a crowd of people, the local element script introduces a crowd of non-player characters into the storyline.

14. (Previously presented) The method of claim 30, wherein the local element is a weather, social, political, economic, stock market, demographic, traffic, crime, or construction indicator relevant to the location, and the local element script modifies the storyline to reflect that indicator.

15. (Previously presented) The method of claim 30, wherein the local element is a local celebrity or news figure, and the local element script modifies the storyline to introduce a non-player character representing that local celebrity or news figure.

16. (Original) The method of claim 12, wherein the local element comprises a keyword extracted from a news stream of local news items.

17. (Original) The method of claim 1, wherein the location is re-detected at intervals, and in the event of a change in the location, a virtual character is shown moving to a new scene in the storyline.

18. (Original) The method of claim 1, wherein if a null location is detected or the detected location is unsupported, a default or random storyline is provided.

19. (Original) The method of claim 1, wherein if the location does not match a local element in the database, an approximate match is used.

20. (Original) The method of claim 1, wherein the storage means is provided by one or a combination of: a local fixed memory, a local removable memory, a remote fixed memory, a remote removable memory, and a virtual memory.

21. (Original) The method of claim 1, wherein the storage means is selected from the group consisting of: a local data storage of a game console, a local inbuilt memory, a user provided memory, an online server, and a shared folder on a network.

22. (Previously cancelled)

23. (Original) The method of claim 1, wherein the player is enabled to play the game using a game device, and the player location is detected by an on-board sensor on the game device.

24. (Original) The method of claim 23, wherein the game device is a mobile device.

25. (Original) The method of claim 1, wherein the detecting step includes retrieving player location from one or a combination of GPS, A-GPS, WiFi, IP address, account or billing address, and player provided location information.

26. (Original) The method of claim 25, wherein the player provided location information is a fantasy location.

27. (Previously presented) The method of claim 1, wherein the mapping information includes at least one map from a map database representing the detected location.

28. (Original) The method of claim 1, wherein the location is detected at login.

29. (Original) The method of claim 1, wherein the location is detected during gameplay.

30. (Previously presented) The method of claim 1, further comprising retrieving from a database using the computing device a local element based on the real world player location.

Attorney Docket No.: 0036177-00002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yousuf Chowdhary et al.	:	Group Art No.: 3717
Serial No.: 15/215,406	:	Confirmation No.: 4322
Filed: July 20, 2016	:	Examiner: Thomas Haynes Henry

For: *Systems and Methods for Capture and Use of Local Elements in Gameplay*

Commissioner for Patents
P.O. Box 1450
Arlington, Virginia 22313-1450

RESPONSE TO FINAL OFFICE ACTION

Dear Sir/Madam:

Applicant respectfully submits this Response to the Final Office Action mailed September 4, 2020. The application is respectfully requested to be amended as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

PTO-2326 (12-2020)
Approved for use through 03/31/2021. OMB 0651-0043
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR REFUND

Reference # *(Patent #, Application #, Trademark Serial #, Registration #, etc.)*	**Title of Invention or Mark Information**	
15/215,406	Systems and Methods for Capture and Use of Local Elements in Gameplay	
Attorney Docket # *(if applicable)*	**Payment Date** *(mm/dd/yyyy)*	**Refund Request Amount**
0036177-00002	11/23/2020	$1,000.00

Refund Option *(Select one)*

- (●) If approved, issue the refund to the account associated with the original payment.
- ( ) If approved, and the original payment was a check, issue the refund to deposit account # _____.
- ( ) If approved, and the original payment was a check, issue the refund as a U.S. Treasury check.

Reason for Refund Request *Refund requests must generally be filed within 2 years of payment date (37 CFR 1.26 and 2.209)*

- [ ] Duplicate Payment
- [ ] No Fee Due
- [x] Office Error
- [ ] Small Entity Later Established* (*must be filed within 3 months of payment date, 37 CFR 1.28)
- [ ] Other _____

Rationale *(Supporting documentation may be submitted with this form)*

The Request for Continued Examination was erroneously filed under large entity status. Imagination Park Technologies is a small entity.

Requester's Information

Company or Firm Name *(if applicable)*		
White and Williams LLP		
Address Line 1	**City**	**State/Region**
1650 Market St., Ste. 1800	Philadelphia	PA
Address Line 2 *(if applicable)*	**Country**	**Zip/Postal Code**
	US	19103
Email Address *(You will receive an acknowledgment of receipt only if you provide a valid email address)*	**Phone Number**	
ipdocket@whiteandwilliams.com	215-864-6225	
Requester's Name		**Registration Number** *(if applicable)*
Frank A. Bruno		46583
Signature		**Date** *(mm/dd/yyyy)*
/Frank A. Bruno/		12/16/20

Submit online: EFS-Web *(registered users only; select "Request for Refund" from the document description menu)*, or
Fax to: 571-273-6500, or
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United States Patent and Trademark Office

Office of the Chief Financial Officer

Monthly Statement for November 2020

Deposit Account 506044

DA506044

WHITE AND WILLIAMS LLP
TERRY LONG
1650 MARKET STREET, ONE LIBERTY PLACE,
SUITE 1800
PHILADELPHIA, PA 19103

DATE RANGE	TOTAL CREDITS	TOTAL DEBITS
11/01/2020 - 11/30/2020	$0.00	($2,295.00)

Date Posted	Transaction Reference #	Attorney Docket #	Status	Transaction ID	Type	Total Credit (+) / Debit (-)	Balance
Opening Balance on 11/01/2020							$24,871.00
11/04/2020	63109381	0016562-00085	Processed	E2020A4A05185713	Payment	($150.00)	$24,721.00

Sale Item Reference #	Attorney Docket #	Status	Sale ID	Fee Code	Item Price	Quantity	Item Total	Customer
63109381	0016562-00085	Processed	E2020A4A05185713	2005	$150.00	1	$150.00	Frank Bruno

11/19/2020	8071666	4419500	Processed	E2020AIF47430527	Payment	($35.00)	$24,686.00

Sale Item Reference #	Attorney Docket #	Status	Sale ID	Fee Code	Item Price	Quantity	Item Total	Customer
8071666	4419500	Processed	E2020AIF47430527	8007	$35.00	1	$35.00	Claire Volpe

11/23/2020	15215406	0036177-00002	Processed	E2020AMG15063942	Payment	($2,000.00)	$22,686.00

Sale Item Reference #	Attorney Docket #	Status	Sale ID	Fee Code	Item Price	Quantity	Item Total	Customer
15215406	0036177-00002	Processed	E2020AMG15063942	1620	$2,000.00	1	$2,000.00	Claire Volpe

11/25/2020	16750865	0033726-00028	Processed	E2020AOI10388473	Payment	($110.00)	$22,576.00

Sale Item Reference #	Attorney Docket #	Status	Sale ID	Fee Code	Item Price	Quantity	Item Total	Customer
16750865	0033726-00028	Processed	E2020AOI10388473	2251	$110.00	1	$110.00	Claire Volpe

Closing Balance not yet available

An asterisk (*) in the Sale ID column means that an item with that Sale ID may have been paid for by more than one transaction.
A caret (^) in the Sale ID column means that only a partial payment for an item with that sale ID has been received by USPTO.

Electronic Acknowledgement Receipt

EFS ID:	41404486
Application Number:	15215406
International Application Number:	
Confirmation Number:	4322
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Customer Number:	112301
Filer:	Frank Anthony Bruno/Claire Volpe
Filer Authorized By:	Frank Anthony Bruno
Attorney Docket Number:	0036177-00002
Receipt Date:	16-DEC-2020
Filing Date:	20-JUL-2016
Time Stamp:	14:36:50
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Refund Request	02_REFUND.pdf	247716 97c34d072e42381a4a8eb7c6899291c2c1491977	no	2

Warnings:

Information:	
Total Files Size (in bytes):	247716

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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P.O. Box 1450
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NOTICE OF ALLOWANCE AND FEE(S) DUE

112301 7590 01/19/2021

Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

EXAMINER
HENRY, THOMAS HAYNES

ART UNIT	PAPER NUMBER
3715	

DATE MAILED: 01/19/2021

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/215,406	07/20/2016	Yousuf Chowdhary	0036177-00002	4322

TITLE OF INVENTION: Systems and Methods for Capture and Use of Local Elements in Gameplay

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$600	$0.00	$0.00	$600	04/19/2021

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

112301 7590 01/19/2021

Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/215,406	07/20/2016	Yousuf Chowdhary	0036177-00002	4322

TITLE OF INVENTION: Systems and Methods for Capture and Use of Local Elements in Gameplay

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$600	$0.00	$0.00	$600	04/19/2021

EXAMINER	ART UNIT	CLASS-SUBCLASS
HENRY, THOMAS HAYNES	3715	463-042000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. Fees submitted: ❑ Issue Fee ❑ Publication Fee (if required) ❑ Advance Order - # of Copies _____

4b. Method of Payment: *(Please first reapply any previously paid fee shown above)*

❑ Electronic Payment via EFS-Web ❑ Enclosed check ❑ Non-electronic payment by credit card (Attach form PTO-2038)

❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. **Change in Entity Status** (from status indicated above)

❑ Applicant certifying micro entity status. See 37 CFR 1.29

❑ Applicant asserting small entity status. See 37 CFR 1.27

❑ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/215,406	07/20/2016	Yousuf Chowdhary	0036177-00002	4322

112301 7590 01/19/2021

Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

EXAMINER	
HENRY, THOMAS HAYNES	
ART UNIT	**PAPER NUMBER**
3715	

DATE MAILED: 01/19/2021

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 15/215,406	Applicant(s) Chowdhary et al.	
	Examiner THOMAS H HENRY	Art Unit 3715	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☑ This communication is responsive to RCE filed 11/23/20.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☑ The allowed claim(s) is/are 1-5,7-21 and 23-30 . As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information , please see **http://www.uspto.gov/patents/init_events/pph/index.jsp** or send an inquiry to **PPHfeedback@uspto.gov.**

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   a) ☐ All b) ☐ Some *c) ☐ None of the:

   1. ☐ Certified copies of the priority documents have been received.
   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
   3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____.
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.
4. ☑ Interview Summary (PTO-413), Paper No./Mail Date. Attached.
5. ☑ Examiner's Amendment/Comment
6. ☑ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/ROBERT T CLARKE JR/ Primary Examiner, Art Unit 3715	/THOMAS H HENRY/ Examiner, Art Unit 3715

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in an interview with Frank A. Bruno, Reg. No. 46,583 on December 30, 2020.

The application has been amended as follows:

IN THE CLAIMS:

Replacement claims: please replace claims 1 and 30 as follows:

1. A computer-implemented method of enabling virtual gameplay on a computing device in communication with a storage means and a location sensor, the method comprising the steps of:

providing access to a video game having a virtual character with a virtual character statistic in which a player in a real world player geographic location interacts with the video game and with other players in other real world player geographic locations playing other virtual characters;

detecting with the location sensor the real world player geographic location of the player and storing the real world player geographic location in the storage means;

creating in a database a local element script associated with the real world player geographic location, the local element script actuatable in the video game to modify one or more of the virtual character statistic and a plot node; and

retrieving from the database mapping information related to the real world player geographic location of the player and actuating the corresponding local element script in the video game while the player is interacting with the video game and the player's real world player

geographic location is not represented by another player and not actuating the corresponding local element script when the player's real world player geographic location is represented by another player,

wherein actuating the local element script comprises modifying the virtual character statistic of the player's virtual character and modifying one or more of a virtual character statistic and a plot node of at least one of the other players' virtual characters.

30. The method of claim 1, further comprising retrieving from the database using the computing device a local element based on the real world player location.

Reasons for Allowance

The following is an examiner's statement of reasons for allowance: the closest prior art is U.S. Patent Publication No. 2011/0183754 to Alghamdi ("Alghamdi"). Alghamdi discloses a game that provides virtual characters with "suitable clothes" based on the real world location of the player of the game. However, with respect to independent claim 1, Alghamdi does not disclose, in combination with the other claimed limitations, with emphasis added, "retrieving from the database mapping information related to the real world player geographic location of the player and actuating the corresponding local element script in the video game while the player is interacting with the video game and the player's real world player geographic location is not represented by another player and not actuating the corresponding local element script when the player's real world geographic location is represented by another player". The examiners notes that although limitations from the specification are not read into the claims, the claims are interpreted in light of the specification. [0120] of the current application publication discloses that new unique local elements are added to the gameplay and the gameplay is modified, however when the player's location and its local elements are not unique, the gameplay continues with no changes. In view thereof, the examiner interprets "retrieving from the database mapping

information related to the real world player geographic location of the player and actuating the corresponding local element script in the video game while the player is interacting with the video game and the player's real world player geographic location is not represented by another player and not actuating the corresponding local element script when the player's real world geographic location is represented by another player" as including that the game gets modified based on a player's real world geographic location by actuating an associated local element script, but only in the case that the player's real world geographic location is not already being represented by another player. As such the claims are allowable over the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to THOMAS HAYNES HENRY whose telephone number is (571)270-3905. The examiner can normally be reached on M-F 10-6.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kang Hu can be reached on 571-270-1344. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see https://ppair-my.uspto.gov/pair/PrivatePair. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/THOMAS H HENRY/
Examiner, Art Unit 3715

/ROBERT T CLARKE JR/
Primary Examiner, Art Unit 3715

Examiner-Initiated Interview Summary	Application No. 15/215,406	Applicant(s) Chowdhary et al.	
	Examiner THOMAS H HENRY	Art Unit 3715	AIA (FITF) Status No

All participants (applicant, applicant's representative, PTO personnel):

(1) THOMAS HAYNES. HENRY. (3) _____.

(2) Frank A. Bruno, Reg. No. 46,583. (4) _____.

Date of Interview: 30 December 2020.

Type: ☑ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☑ No.
If Yes, brief description: _____.

Issues Discussed ☐ 101 ☐ 112 ☐ 102 ☐ 103 ☑ Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 1.

Identification of prior art discussed: N/A.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Discussed amendments to overcome a 112 issue with the claims and place the case in condition for allowance. Agreement was reached and the amendment is set forth in the examiners amendment..

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/ROBERT T CLARKE JR/ Primary Examiner, Art Unit 3715	/THOMAS H HENRY/ Examiner, Art Unit 3715

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15/215,406	Chowdhary et al.
	Examiner	Art Unit
	THOMAS H HENRY	3715

CPC						
Symbol					Type	Version
A63F	/	13	/	65	F	2014-09-02
A63F	/	13	/	12	I	2013-01-01
A63F	/	13	/	60	I	2014-09-02
A63F	/	13	/	10	I	2013-01-01
A63F	/	13	/	216	I	2014-09-02
A63F	/	13	/	327	I	2014-09-02
A63F	/	13	/	33	I	2014-09-02
A63F	/	2300	/	205	A	2013-01-01
A63F	/	2300	/	8082	A	2013-01-01
A63F	/	2300	/	206	A	2013-01-01

CPC Combination Sets							
Symbol					Type	Set	Ranking	Version
	/		/					

/THOMAS H HENRY/ Examiner, Art Unit 3715	30 December 2020	Total Claims Allowed:	
(Assistant Examiner)	(Date)	28	
/ROBERT T CLARKE JR/ Primary Examiner, Art Unit 3715	31 December 2020	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

U.S. Patent and Trademark Office — Part of Paper No.: 20201230

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15/215,406	Chowdhary et al.
	Examiner	Art Unit
	THOMAS H HENRY	3715

INTERNATIONAL CLASSIFICATION				
CLAIMED				
A63F	/	13	/	65
A63F	/	13	/	216
A63F	/	13	/	327
A63F	/	13	/	33
A63F	/	13	/	60

NON-CLAIMED				
	/		/	

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

CROSS REFERENCES(S)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					

/THOMAS H HENRY/ Examiner, Art Unit 3715	30 December 2020	Total Claims Allowed:	
(Assistant Examiner)	(Date)	28	
/ROBERT T CLARKE JR/ Primary Examiner, Art Unit 3715	31 December 2020	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

U.S. Patent and Trademark Office — Part of Paper No.: 20201230

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15/215,406	Chowdhary et al.
	Examiner	**Art Unit**
	THOMAS H HENRY	3715

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☑ T.D. ☐ R.1.47

CLAIMS

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	10	19	19	29	28	15								
2	2	11	20	20	30										
3	3	12	21	21	7										
4	4	13	23	22	10										
5	5	14	24	23	11										
6	8	15	25	24	12										
7	9	16	26	25	13										
8	17	17	27	26	16										
9	18	18	28	27	14										

/THOMAS H HENRY/ Examiner, Art Unit 3715	30 December 2020	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	28	
/ROBERT T CLARKE JR/ Primary Examiner, Art Unit 3715	31 December 2020	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

U.S. Patent and Trademark Office Part of Paper No.: 20201230

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15/215,406	Chowdhary et al.
	Examiner	Art Unit
	THOMAS H HENRY	3715

CPC - Searched*		
Symbol	Date	Examiner
A63F13/65, 13/60, 13/10, 13/12	10/1/16	TH
A63F$, G07F$	12/23/2020	TH

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
EAST search	10/1/16	TH
Inventor Name Search	10/1/16	TH
updated search	7/19/17	TH
updated search	5/14/18	TH
updated search	08/05/2019	TH
updated search	03/27/2020	TH
updated search	08/10/2020	TH
updated search	12/30/2020	TH

/ROBERT T CLARKE JR/ Primary Examiner, Art Unit 3715	/THOMAS H HENRY/ Examiner, Art Unit 3715

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15/215,406	Chowdhary et al.
	Examiner	Art Unit
	THOMAS H HENRY	3715

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
A63F	13/65, 13/60, 13/10, 13/12	12/30/2020	TH

/ROBERT T CLARKE JR/ Primary Examiner, Art Unit 3715	/THOMAS H HENRY/ Examiner, Art Unit 3715

Bibliographic Data

Application No: 15/215,406

Foreign Priority claimed: ○ Yes ◉ No

35 USC 119 (a-d) conditions met: ☐ Yes ☑ No ☐ Met After Allowance

Verified and Acknowledged: _____ _____

Examiner's Signature | Initials

Title: Systems and Methods for Capture and Use of Local Elements in Gameplay

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FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
07/20/2016	463	3715	0036177-00002
RULE			

APPLICANTS

IMAGINATION PARK TECHNOLOGIES, INC., ERIE, PA,

INVENTORS

Yousuf Chowdhary, Maple, CANADA

Jeffrey Brunet, Aurora, CANADA

Ravinder ("Ray") Sharma, Toronto, CANADA

CONTINUING DATA

This application is a CON of 14084113 11/19/2013ABN

14084113 has PRO of 61796715 11/19/2012

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

08/03/2016

**** SMALL ENTITY ****

STATE OR COUNTRY

CANADA

ADDRESS

Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395
UNITED STATES

FILING FEE RECEIVED

$1,090

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	241	(A63F13/65).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:18
S2	119	(A63F13/60).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S3	6,605	(A63F13/10).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S4	7,979	(A63F13/12).cpc.	US-PGPUB; USPAT	OR	OFF	2015/12/31 19:19
S5	0	change with story with local with game	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:57
S6	1	change with story with location with game	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:57
S7	83	("463").clas. and (location with customize)	US-PGPUB; USPAT	OR	OFF	2016/01/06 18:58
S8	33	("20060189371" | "7484176" | "20080139306" | "20080070669" | "5941772" | "20110190066" | "20070077978" | "20090156179" | "20070259713" | "20080026838" | "6476830" | "20070093299" | "6887157" | "7090576" | "20050037845" | "20080020788" | "20090023489" | "20110201414" | "20030083943" | "20080167106" | "20030188306" | "20050137015" | "20060240894" | "20070060330" | "20120322550" | "20090124384" | "20050227811" | "20030073494" | "20090124386" | "20020042740" | "20070197296" | "20080181535" | "20100137067").PN.	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:04
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S10	1,133	("463").clas. and (location with (item story storyline building))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:10

S11	15,408	game and (location with (item story storyline building))	US-PGPUB; USPAT	OR	OFF	2016/01/06 19:10
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S15	1	"20110319148"	US-PGPUB; USPAT	OR	OFF	2016/01/06 20:00
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S17	9	("463").clas. and (geographic with location) same (story storyline)	US-PGPUB; USPAT	OR	OFF	2016/01/11 16:12
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S19	152	iphone with docking with station	US-PGPUB; USPAT	OR	OFF	2018/05/16 12:39
S20	2	"20090111556"	US-PGPUB; USPAT	OR	OFF	2019/08/05 05:34
S21	1	"15215406"	US-PGPUB; USPAT	OR	OFF	2020/01/17 13:56
S22	31	unique with geographical with location and (G07F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/08/10 12:59
S23	14	unique with geographical with location and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/08/10 13:00
S24	81	unique with country and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/08/10 13:01
S25	564	unique with state and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/08/10 13:04

S26	463	map with player with location and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/08/10 13:04
S27	51	map with player with world with location and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/08/10 13:04
S28	74	real with world with activate and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 15:02
S29	0	real with world with actuate and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 15:02
S30	62	real with world with unlock and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 15:02
S31	114	location with unlock and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 15:03
S32	601	location with (actuate activate) and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 15:03
S33	96	friend with unlock and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 15:03
S34	74,948	friend with activateand (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 15:03
S35	12	friend with activate and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 15:03
S36	13	geographic with location same (unlock activate)	US-PGPUB; USPAT	AND	OFF	2020/12/23 15:12
S37	10	gps with unlock and (A63F$).cpc.	US-PGPUB; USPAT	AND	OFF	2020/12/23 15:22
S38	10	global with positioning with system with unlock and (A63F$).cpc.	US-PGPUB; USPAT	AND	OFF	2020/12/23 15:22
S45	385	location with sensor and unlock and (A63F$).cpc.	US-PGPUB; USPAT	AND	OFF	2020/12/23 20:35
S46	1,422	location with sensor and activate and (A63F$).cpc.	US-PGPUB; USPAT	AND	OFF	2020/12/23 20:35

S47	58	location with sensor same activate and (A63F$).cpc.	US-PGPUB; USPAT	AND	OFF	2020/12/23 20:36
S48	48	location with sensor same modify and (A63F$).cpc.	US-PGPUB; USPAT	AND	OFF	2020/12/23 20:36
S49	2	global with positioning with system with modify and (A63F$).cpc.	US-PGPUB; USPAT	AND	OFF	2020/12/23 20:36
S50	210	real with world with modify and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 20:36
S51	21	friend with modify with game and (A63F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 20:36
S52	3,087	unique with location and (G07F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 20:37
S53	204	unique with gps and (G07F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 20:37
S54	0	modify with plot with node and (G07F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 20:40
S55	0	plot with node and (G07F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 20:40
S56	1	local with element with script and (G07F$).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 20:40
S57	5	("2011/0183754").URPN.	USPAT	OR	OFF	2020/12/23 20:42
S58	9	("2013/0079144").URPN.	USPAT	OR	OFF	2020/12/23 20:42
S59	13	("2012/0157197").URPN.	USPAT	OR	OFF	2020/12/23 20:42

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S39	2,547	(A63F13/65).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 15:11
S40	1,163	(A63F13/60).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 15:11

S41	6,319	(A63F13/10).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 15:11
S42	8,267	(A63F13/12).cpc.	US-PGPUB; USPAT	OR	OFF	2020/12/23 15:11
S43	14	(local script virtual character).clm.	US-PGPUB; USPAT	AND	OFF	2020/12/23 15:11

12/30/2020 8:55:21 PM
C:\Users\thenry\Documents\EAST\Workspaces\14084113.wsp

Document Code:WFEE

User :72376

Sale Accounting Date:01/22/2021

Sale Item Reference Number	Effective Date
15215406	11/23/2020

Document Number	Fee Code	Fee Code Description	Amount Paid	Payment Method
I20211LA00256898	2820	RCE- 2ND AND SUBSEQUENT REQUEST	$1,000.00	Deposit Account

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

112301 7590 01/19/2021

Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/215,406	07/20/2016	Yousuf Chowdhary	0036177-00002	4322

TITLE OF INVENTION: Systems and Methods for Capture and Use of Local Elements in Gameplay

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$600	$0.00	$0.00	$600	04/19/2021

EXAMINER	ART UNIT	CLASS-SUBCLASS
HENRY, THOMAS HAYNES	3715	463-042000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 White and Williams LLP
2
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: Imagination Park Technologies, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY): Erie, PA, USA

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ☒ Corporation or other private group entity ❑ Government

4a. Fees submitted: ☒ Issue Fee ❑ Publication Fee (if required) ❑ Advance Order - # of Copies _____

4b. Method of Payment: *(Please first reapply any previously paid fee shown above)*

❑ Electronic Payment via EFS-Web ❑ Enclosed check ❑ Non-electronic payment by credit card (Attach form PTO-2038)

☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. 506044

5. **Change in Entity Status** (from status indicated above)

❑ Applicant certifying micro entity status. See 37 CFR 1.29

❑ Applicant asserting small entity status. See 37 CFR 1.27

❑ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Frank A. Bruno/ Date February 10, 2021

Typed or printed name Frank A. Bruno Registration No. 46583

Electronic Patent Application Fee Transmittal

Application Number:	15215406
Filing Date:	20-Jul-2016
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Filer:	Frank Anthony Bruno/Claire Volpe
Attorney Docket Number:	0036177-00002

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
UTILITY APPL ISSUE FEE	2501	1	600	600

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**600**

Electronic Acknowledgement Receipt

EFS ID:	41892933
Application Number:	15215406
International Application Number:	
Confirmation Number:	4322
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Customer Number:	112301
Filer:	Frank Anthony Bruno/Claire Volpe
Filer Authorized By:	Frank Anthony Bruno
Attorney Docket Number:	0036177-00002
Receipt Date:	10-FEB-2021
Filing Date:	20-JUL-2016
Time Stamp:	16:40:59
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$600
RAM confirmation Number	E202120G41402709
Deposit Account	506044
Authorized User	Claire Volpe

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

37 CFR 1.19 (Document supply fees)

37 CFR 1.20 (Post Issuance fees)

37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	02_ISSUEFEE.pdf	120129 c746105e06e38de475878f538586c0a877ec797b	no	1
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30154 5dd3bae09bf748296ed95474d2e92dfdc8b08870	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	150283		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/215,406	03/16/2021	10946284	0036177-00002	4322

112301 7590 02/24/2021

Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

Yousuf Chowdhary, Maple, CANADA;
IMAGINATION PARK TECHNOLOGIES, INC., ERIE, PA;
Jeffrey Brunet, Aurora, CANADA;
Ravinder ("Ray") Sharma, Toronto, CANADA;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

PTO/AIA/81A (02-15)
Approved for use through 01/31/2018. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

PATENT - POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

Patent Number	10946248
Issue Date	03/16/2021
First Named Inventor	Yousuf Chowdhary
Title	Systems and Methods for Capture and Use of Local Elements in Gameplay
Attorney Docket No.	0036177-00002

I hereby revoke all previous powers of attorney given in the above-identified patent.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint Practitioner(s) associated with the Customer Number identified in the box at right as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith: 112301

OR

☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Practitioner(s) Name	Registration Number

Please recognize or change the correspondence address for the above-identified patent to:

☐ The address associated with the above-identified Customer Number.

OR

☐ The address associated with the Customer Number identified in the box at right:

OR

☐ Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the:

☒ Applicant.

OR

☐ Patent owner.

Statement under 37 CFR 3.73(c) (Form PTO/AIA/96) submitted herewith or filed on _____.

SIGNATURE of Applicant or Patent Owner

Signature	/Alen Paul Silverrstieen/	Date	
Name	Alen Paul Silverrstieen	Telephone	
Title and Company	CEO		

NOTE: Signatures of all the applicants or patent owners of the entire interest or their representative(s) are required. If more than one signature is required, submit multiple forms, check the box below, and identify the total number of forms submitted in the blank below.

☑ A total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public, which is to update (and by the USPTO to process) the file of a patent or reexamination proceeding. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	46432049
Application Number:	15215406
International Application Number:	
Confirmation Number:	4322
Title of Invention:	Systems and Methods for Capture and Use of Local Elements in Gameplay
First Named Inventor/Applicant Name:	Yousuf Chowdhary
Customer Number:	112301
Filer:	Frank Anthony Bruno/Claire Volpe
Filer Authorized By:	Frank Anthony Bruno
Attorney Docket Number:	0036177-00002
Receipt Date:	17-AUG-2022
Filing Date:	20-JUL-2016
Time Stamp:	16:03:08
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	02_POA.pdf	133777 a8d138e6f037398852e8e1a52248ead9a309f67b	no	2

Warnings:

Information:	
Total Files Size (in bytes):	133777

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
15/215,406	07/20/2016	Yousuf Chowdhary	0036177-00002

CONFIRMATION NO. 4322

IMPROPER CPOA LETTER

112301
Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

OC00000013600524 1

Date Mailed: 08/24/2022

NOTICE REGARDING POWER OF ATTORNEY

This is in response to the power of attorney filed 08/17/2022. The power of attorney in this application is not accepted for the reason(s) listed below:

The power of attorney filed 08/17/2022 has not been accepted because the power of attorney must be signed by the applicant for patent. See 37 CFR 1.32(b)(4).

- The person or entity attempting the change to power of attorney is not the applicant of record in the application. Any request to change the applicant once the applicant has been specified must include (1) an application data sheet (ADS) specifying the new applicant in the Applicant Information section, and (2) a statement under 37 CFR 3.73(c) (USPTO Form PTO/AIA/96 or an equivalent) to show chain of title to the new applicant. The ADS must contain markings to show the information that is being changed, with underlining for insertions and strike-through or brackets for text removed. See 37 CFR 1.76(c)(2).

Because the request to change or update the applicant cannot be accepted, the power of attorney is not properly signed by the applicant and cannot be accepted. The change to applicant must be acceptable before the new applicant can appoint power of attorney.

/sltorres/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

112301
Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395
UNITED STATES

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7668575

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME

CONVEYING PARTY DATA

Name	Execution Date
IMAGINATION PARK TECHNOLOGIES, INC.	06/25/2019

RECEIVING PARTY DATA

Name:	IMAGINE AR, INC.
Street Address:	707 W. 38TH STREET
Internal Address:	SUITE 230
City:	ERIE
State/Country:	PENNSYLVANIA
Postal Code:	16508

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	10946284

CORRESPONDENCE DATA

Fax Number:

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.

Email: ipdocket@whiteandwilliams.com
Correspondent Name: WHITE AND WILLIAMS LLP
Address Line 1: 1650 MARKET STREET
Address Line 2: SUITE 1800
Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	0036177-00002
NAME OF SUBMITTER:	FRANK A. BRUNO
SIGNATURE:	/Frank A. Bruno/
DATE SIGNED:	11/30/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2
source=DENameChange#page1.tif
source=DENameChange#page2.tif

Delaware

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "IMAGINATION PARK TECHNOLOGIES INC.", CHANGING ITS NAME FROM "IMAGINATION PARK TECHNOLOGIES INC." TO "IMAGINE AR INC.", FILED IN THIS OFFICE ON THE TWENTY-FIFTH DAY OF JUNE, A.D. 2019, AT 2:28 O`CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.





6484106 8100
SR# 20195650260

Authentication: 203112089
Date: 06-27-19

You may verify this certificate online at corp.delaware.gov/authver.shtml

State of Delaware
Secretary of State
Division of Corporations
Delivered 02:28 PM 06/25/2019
FILED 02:28 PM 06/25/2019
SR 20195650260 - File Number 6484106

STATE OF DELAWARE
CERTIFICATE OF AMENDMENT
OF CERTIFICATE OF INCORPORATION
OF IMAGINATION PARK TECHNOLOGIES INC.

Imagination Park Technologies Inc. (the "Corporation"), organized and existing under and by virtue of the General Corporation Law of the State of Delaware, does hereby certify:

1. This Certificate of Amendment (the "Certificate of Amendment") amends the provisions of the Corporation's Certificate of Incorporation originally filed with the Secretary of State of Delaware on July 19, 2017 and subsequently amended on March 4, 2019 (the "Certificate of Incorporation").

2. Article 1 of the Certificate of Incorporation is hereby amended and restated in its entirety as follows:

"The name of the Corporation is Imagine AR Inc."

3. This amendment was duly adopted in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware.

4. All other provisions of the Certificate of Incorporation shall remain in full force and effect.

IN WITNESS WHEREOF, said corporation has caused this certificate to be signed this 24th day of June, 2019.

By: _____
Name: Alen Paul Silverrstieen
Title: President and Authorized Officer

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI574799

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Correct Receiving Party Name, Receiving Party Address, Supporting Documents Previously Recorded previously recorded on Reel 62626 Frame 528. Assignor(s) hereby confirms the Certificate of Incorporation for ImagineAR, Inc..

CONVEYING PARTY DATA

Name	Execution Date
Imagine AR, Inc.	06/25/2019

RECEIVING PARTY DATA

Company Name:	ImagineAR, Inc.
Street Address:	250-750 West Pender Street
City:	Vancouver
State/Country:	CANADA
Postal Code:	V6C 2T7

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	15215406
Patent Number:	10946284

CORRESPONDENCE DATA

Fax Number:

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: 2158646336
Email: ipdocket@whiteandwilliams.com
Correspondent Name: Frank Bruno Esq.
Address Line 1: One Liberty Place, Suite 1800
Address Line 2: 1650 Market Street
Address Line 4: Philadelphia, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	0036177-00002
NAME OF SUBMITTER:	Claire Volpe
SIGNATURE:	Claire Volpe
DATE SIGNED:	10/21/2024
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

source=assignment-pat-62445-223 (002)#page1.tiff
source=assignment-pat-62445-223 (002)#page2.tiff
source=assignment-pat-62445-223 (002)#page3.tiff
source=assignment-pat-62445-223 (002)#page4.tiff

Delaware

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "IMAGINATION PARK TECHNOLOGIES INC.", CHANGING ITS NAME FROM "IMAGINATION PARK TECHNOLOGIES INC." TO "IMAGINE AR INC.", FILED IN THIS OFFICE ON THE TWENTY-FIFTH DAY OF JUNE, A.D. 2019, AT 2:28 O`CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.





6484106 8100
SR# 20195650260

Authentication: 203112089
Date: 06-27-19

You may verify this certificate online at corp.delaware.gov/authver.shtml

State of Delaware
Secretary of State
Division of Corporations
Delivered 02:28 PM 06/25/2019
FILED 02:28 PM 06/25/2019
SR 20195650260 - File Number 6484106

STATE OF DELAWARE
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OF CERTIFICATE OF INCORPORATION
OF IMAGINATION PARK TECHNOLOGIES INC.

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IN WITNESS WHEREOF, said corporation has caused this certificate to be signed this 24th day of June, 2019.

By: _____
Name: Alen Paul Silverrstieen
Title: President and Authorized Officer

Certificate of Amendment

Canada Business Corporations Act

Certificat de modification

Loi canadienne sur les sociétés par actions

ImagineAR Inc.

Corporate name / Dénomination sociale

1136401-4

Corporation number / Numéro de société

I HEREBY CERTIFY that the articles of the above-named corporation are amended under section 178 of the *Canada Business Corporations Act* as set out in the attached articles of amendment.

JE CERTIFIE que les statuts de la société susmentionnée sont modifiés aux termes de l'article 178 de la *Loi canadienne sur les sociétés par actions*, tel qu'il est indiqué dans les clauses modificatrices ci-jointes.

Raymond Edwards

Director / Directeur

2020-04-16

Date of amendment (YYYY-MM-DD)
Date de modification (AAAA-MM-JJ)

Canada

PATENT
REEL: 062445 FRAME: 0228

Form 4
Articles of Amendment
Canada Business Corporations Act (CBCA) (s. 27 or 177)

Formulaire 4
Clauses modificatrices
Loi canadienne sur les sociétés par actions (LCSA) (art. 27 ou 177)

1 Corporate name
Dénomination sociale
Imagination Park Technologies Inc.

2 Corporation number
Numéro de la société
1136401-4

3 The articles are amended as follows
Les statuts sont modifiés de la façon suivante

The corporation changes its name to:
La dénomination sociale est modifiée pour :
ImagineAR Inc.

4 Declaration: I certify that I am a director or an officer of the corporation.
Déclaration : J'atteste que je suis un administrateur ou un dirigeant de la société.

Original signed by / Original signé par
Alen Paul Silverrstieen

Alen Paul Silverrstieen
917-567-5207

Misrepresentation constitutes an offence and, on summary conviction, a person is liable to a fine not exceeding $5000 or to imprisonment for a term not exceeding six months or both (subsection 250 (1) of the CBCA).

Faire une fausse déclaration constitue une infraction et son auteur, sur déclaration de culpabilité par procédure sommaire, est passible d'une amende maximale de 5 000 $ et d'un emprisonnement maximal de six mois, ou l'une de ces peines (paragraphe 250(1) de la LCSA).

You are providing information required by the CBCA. Note that both the CBCA and the *Privacy Act* allow this information to be disclosed to the public. It will be stored in personal information bank number IC/PPU-049.

Vous fournissez des renseignements exigés par la LCSA. Il est à noter que la LCSA et la *Loi sur les renseignements personnels* permettent que de tels renseignements soient divulgués au public. Ils seront stockés dans la banque de renseignements personnels numéro IC/PPU-049.

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI623194

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	11/11/2013

CONVEYING PARTY DATA

Name	Execution Date
Mr. Oliver Timberlake Watkins	11/11/2024

RECEIVING PARTY DATA

Company Name:	2343127 Ontario Inc.
Street Address:	67 Yonge Street
Internal Address:	Suite 1600
City:	Toronto
State/Country:	CANADA
Postal Code:	M5E1J8

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	61796715
Application Number:	15215406

CORRESPONDENCE DATA

Fax Number:

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: 2158647000
Email: ipdocket@whiteandwilliams.com,volpec@whiteandwilliams.com
Correspondent Name: Frank Bruno
Address Line 1: 1650 Market Street
Address Line 4: Philadelphia, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	0036177-00002
NAME OF SUBMITTER:	Frank Bruno
SIGNATURE:	Frank Bruno
DATE SIGNED:	11/11/2024
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2
source=Nunc Pro Tunc Assignment Agmt (Watkins to 2343127 Ontario)(703150895.1).docx#page1.tiff

source=Nunc Pro Tunc Assignment Agmt (Watkins to 2343127 Ontario)(703150895.1).docx#page2.tiff

Docusign Envelope ID: D4369E75-3548-4848-BD92-53B7749EE68B

NUNC PRO TUNC ASSIGNMENT AGREEMENT

This *Nunc Pro Tunc* Assignment Agreement ("Agreement"), effective as of November 11, 2013, is made between Oliver Timberlake Watkins, Jr. located at 1123 20th St., San Francisco, CA, 94107 ("Assignor") and 2343127 Ontario Inc., a foreign corporation located at 67 Yonge Street, Suite 1600, Toronto, Ontario, M5E 1J8, Canada ("Assignee") (together, the "Parties"). In consideration of the mutual promises hereinafter set forth as well as additional valuable consideration including the sum of one dollar ($1), the receipt and sufficiency of which are hereby acknowledged, Assignor agrees as follows:

1. *Nunc Pro Tunc* Assignment Grant. Assignor hereby grants to Assignee, *nunc pro tunc*, as of November 11, 2013, Assignor's worldwide right, title, and interest to the invention(s) described and/or claimed in U.S. Patent Application No. 61/796,715, filed November 19, 2012, and entitled "Systems and Methods For Capture and Use of Local Elements," and to any and all patents of the United States, Canada, and all other countries of the world that may be granted for the invention(s) described and/or claimed in said application, including to any and all divisions, continuations, continuations-in-part, reissues, and/or extensions of said application and any and all patent application or patent claiming priority to said application (collectively, "Invention"). Assignor also hereby grants to Assignee, *nunc pro tunc* as of November 11, 2013, all rights and privileges under any patent application or patent which may be granted on the Invention, including his rights to: (i) make, use, and/or sell any product or process embodying the Invention, (ii) exclude others from making, using, and selling any product or process covered by the Invention, and (iii) sue for all past infringements which may have occurred before the execution of the Agreement.

2. Warranty. Assignor represents, covenants, and warrants to Assignee that, as of November 11, 2013, Assignor possesses all right, title, and interest necessary to grant to Assignee the assignment as set forth in this Agreement, and that the right, title, and interest being granted are valid and protectable intellectual property rights free of any encumbrances.

3. Execution of Papers. Assignor agrees to execute all necessary papers to be used in connection with the Agreement or Invention that Assignee may deem necessary or expedient.

4. Binding on Successors. This Agreement shall be binding on and shall inure to the benefit of Assignee, its heirs, administrators, successors, parents, and subsidiaries.

5. Severability. If any provision hereof is held invalid or unenforceable by a court of competent jurisdiction, such invalidity shall not affect the validity or operation of any other provision and such invalid provision shall be deemed to be severed from the Agreement.

Docusign Envelope ID: D4369E75-3548-4848-BD92-53B7749EE68B

6. Entire Agreement. This Agreement contains the entire understanding of the Parties with respect to the *nunc pro tunc* assignment of the Invention. No changes, amendment or modification of this Agreement are valid or binding upon the Parties unless made in writing and manually signed by a duly authorized representative of each party.

This *Nunc Pro Tunc* Assignment Agreement, executed hereinbelow so as to be effective as of November 11, 2013, by Assignor.

Oliver Timberlake Watkins, Jr.

DocuSigned by:

By: Oliver T Watkins Jr
3A6FFA39A1DD478...

Execution Date: 11/11/2024

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI625924

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee name and address previously recorded on Reel 62020 Frame 528. Assignor(s) hereby confirms the Change of Name.

CONVEYING PARTY DATA

Name	Execution Date
Imagine AR, Inc.	06/24/2019

RECEIVING PARTY DATA

Company Name:	ImagineAR, Inc,
Street Address:	250-750 West Pender Street
City:	Vancouver
State/Country:	CANADA
Postal Code:	V6C2T7

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	10946284

CORRESPONDENCE DATA

Fax Number:

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: 2158646225
Email: ipdocket@whiteandwilliams.com
Correspondent Name: Frank Bruno Esq.
Address Line 1: One Liberty Place, Suite 1800
Address Line 2: 1650 Market Street
Address Line 4: Philadelphia, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	0036177-00002
NAME OF SUBMITTER:	Claire Volpe
SIGNATURE:	Claire Volpe
DATE SIGNED:	11/12/2024
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5
source=CANAMECHANGE#page1.tiff
source=CANAMECHANGE#page2.tiff

source=DENameChange#page1.tiff
source=DENameChange#page2.tiff
source=Notice#page1.tiff

Certificate of Amendment

Canada Business Corporations Act

Certificat de modification

Loi canadienne sur les sociétés par actions

ImagineAR Inc.

Corporate name / Dénomination sociale

1136401-4

Corporation number / Numéro de société

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R Edwards

Raymond Edwards

Director / Directeur

2020-04-16

Date of amendment (YYYY-MM-DD)
Date de modification (AAAA-MM-JJ)

Canada

Form 4
Articles of Amendment
Canada Business Corporations Act (CBCA) (s. 27 or 177)

Formulaire 4
Clauses modificatrices
Loi canadienne sur les sociétés par actions (LCSA) (art. 27 ou 177)

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Dénomination sociale
Imagination Park Technologies Inc.

2 Corporation number
Numéro de la société
1136401-4

3 The articles are amended as follows
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Déclaration : J'atteste que je suis un administrateur ou un dirigeant de la société.

Original signed by / Original signé par
Alen Paul Silverrstieen

Alen Paul Silverrstieen
917-567-5207

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You are providing information required by the CBCA. Note that both the CBCA and the *Privacy Act* allow this information to be disclosed to the public. It will be stored in personal information bank number IC/PPU-049.

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Delaware

The First State

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A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

Jeffrey W. Bullock, Secretary of State

6484106 8100
SR# 20195650260

Authentication: 203112089
Date: 06-27-19

You may verify this certificate online at corp.delaware.gov/authver.shtml

State of Delaware
Secretary of State
Division of Corporations
Delivered 02:28 PM 06/25/2019
FILED 02:28 PM 06/25/2019
SR 20195650260 - File Number 6484106

STATE OF DELAWARE
CERTIFICATE OF AMENDMENT
OF CERTIFICATE OF INCORPORATION
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2. Article 1 of the Certificate of Incorporation is hereby amended and restated in its entirety as follows:

"The name of the Corporation is Imagine AR Inc."

3. This amendment was duly adopted in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware.

4. All other provisions of the Certificate of Incorporation shall remain in full force and effect.

IN WITNESS WHEREOF, said corporation has caused this certificate to be signed this 24th day of June, 2019.

By: _____
Name: Alen Paul Silverrstieen
Title: President and Authorized Officer

UNITED STATES PATENT AND TRADEMARK OFFICE
UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 12, 2022

PTAS

WHITE AND WILLIAMS LLP
1650 MARKET STREET
SUITE 1800
PHILADELPHIA, PA 19103

507621682

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 11/30/2022 REEL/FRAME: 062020/0528
NUMBER OF PAGES: 3

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 0036177-00002

ASSIGNOR:
IMAGINATION PARK TECHNOLOGIES, INC. DOC DATE: 06/25/2019

ASSIGNEE:
IMAGINE AR, INC.
707 W. 38TH STREET
SUITE 230
ERIE, PENNSYLVANIA 16508

APPLICATION NUMBER: 15215406 FILING DATE: 07/20/2016
PATENT NUMBER: 10946284 ISSUE DATE: 03/16/2021
TITLE: SYSTEMS AND METHODS FOR CAPTURE AND USE OF LOCAL ELEMENTS IN GAMEPLAY

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
15/215,406	**11/12/2024 05:20:33 PM Z ET**	**0036177-00002**

Title of Invention

Systems and Methods for Capture and Use of Local Elements in Gameplay

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	10946284
CONFIRMATION #	4322	FILED BY	Frank Bruno
PATENT CENTER #	67937192	FILING DATE	07/20/2016
CUSTOMER #	112301	FIRST NAMED INVENTOR	Yousuf Chowdhary
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	-

Documents

TOTAL DOCUMENTS: 1

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
Petition_Correct_inventorship_284.-final.pdf	14	Petition for review by the Office of Petitions	2428 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
Petition_Correct_inventorship_284.-final.pdf	0D95BB2488CBB78EA15EDBB9C2EDF857E1B8C4D8927CDFB885DA68643CA9E8DCA6E0E1031B1F4146517CD118C13DA7ADFFDB2AF278E1DB5BC55BEFAD4FBF63D5

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC PAYMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
15/215,406	**11/12/2024 05:20:33 PM Z ET**	**0036177-00002**

Title of Invention

Systems and Methods for Capture and Use of Local Elements in Gameplay

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	10946284
CONFIRMATION #	4322	FILED BY	Frank Bruno
PATENT CENTER #	67937192	AUTHORIZED BY	-
CUSTOMER #	112301	FILING DATE	07/20/2016
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Yousuf Chowdhary

Payment Information

PAYMENT METHOD	PAYMENT TRANSACTION ID	PAYMENT AUTHORIZED BY
DA / 506044	**E2024ABH20578003**	**Frank Bruno**

PRE-AUTHORIZED ACCOUNT	PRE-AUTHORIZED CATEGORY
506044	**37 CFR 1.16 (National application filing, search, and examination fees); 37 CFR 1.17 (Patent application and reexamination processing fees); 37 CFR 1.19 (Document supply fees); 37 CFR 1.20 (Post Issuance fees); 37 CFR 1.21 (Miscellaneous fees and charges)**

FEE CODE	DESCRIPTION	ITEM PRICE($)	QUANTITY	ITEM TOTAL($)
2816	PROCESSING FEE FOR CORRECTING INVENTORSHIP IN A PATENT	160.00	1	160.00
			TOTAL AMOUNT:	**$160.00**

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	Yousuf Chowdhary et al.	Examiner:	Thomas Haynes Henry
Patent No.	10,946,284	Granted:	March 16, 2021
Serial No.:	15/215,406	Group Art Unit:	3715
Filed:	July 20, 2016	Docket No.:	0036177-00002
Title:	**SYSTEMS AND METHODS FOR CAPTURE AND USE OF LOCAL ELEMENTS IN GAMEPLAY**		
Customer No.:	112301	Confirmation No.:	4322

CERTIFICATE OF TRANSMISSION

I hereby certify that this document is being transmitted electronically to the United States Patent and Trademark Office via the EFS Web e-Filing system on November 12, 2024

/Frank A. Bruno /
Name: Frank A. Bruno

PETITION UNDER 37 CFR 1.324

Mailstop Petitions
Commissioner for Patents
Post Office Box 1450
Alexandria, Virginia 22313-1450

Dear Sir or Madam:

ImagineAR, Inc., owner of 100% all right, title and interest in United States Patent No. 10,946,284 as evidenced by the attached *nunc pro tunc* assignment from co-inventor Oliver Timberlake Watkins, Jr. effective November 11, 2013, and by assignments recorded in the Assignment Branch of the USPTO at Reel 031633, Frame 0244 (co-inventors Chowdhary, Brunet, and Sharma to 2343127 Ontario Inc., filed 11/19/2013); Reel 045888, Frame 0036 (Name change, 2343127 Ontario Inc. to XMG Studio Inc., filed 4/9/2018); Reel 049249, Frame 0617 (XMG Studio Inc. to Imagination Park Technologies Inc., filed 5/21/19); Reel 062020, Frame 0528 (Name change, Imagination Park

Technologies to Imagine AR, Inc., filed 11/30/2022); and Reel TBD, Frame TBD (Name change, Imagine AR, Inc. to ImagineAR, Inc., filed 10/21/2024, attached hereto), hereby requests correction of inventorship of this patent.

Attached are:

Statements of named inventors Yousuf Chowdhary, Jeffrey Brunet, and Ravinder Sharma;

Statement of additional inventor Oliver "Lake" Watkins and executed Assignment; and

Statement of current assignee ImagineAR, Inc.

Authorization is hereby given to charge the required fee under 37 CFR 1.20(b) to Deposit Account No. 506044.

Please ensure that Attorney Docket Number 0036177-00002 is referred to when charging any payments or credits for this case.

Respectfully submitted,

Date: November 12, 2024

/Frank Bruno/
Frank Bruno
Reg. No. 46,583

White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395
Phone:(215) 864-6225
E-mail:brunof@whiteandwilliams.com

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	Yousuf Chowdhary et al.	Examiner:	Thomas Haynes Henry
Patent No.	10,946,284	Granted:	March 16, 2021
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Customer No.:	112301	Confirmation No.:	4322

STATEMENT OF YOUSUF CHOWDHARY IN SUPPORT OF PETITION UNDER 37 CFR 1.324

1. I, Yousuf Chowdhary, hereby state that I have reviewed and understand the contents of the above-identified patent, including its claims.

2. I believe I am an original joint inventor of a claimed invention in the above-identified patent.

3. I agree that Oliver Timberlake Watkins, Jr. should be added as a named co-inventor on the above-identified US Patent No. 10,946,284.

24th Oct, 2024
Date

Yousuf Chowdhary

Docusign Envelope ID: D12D6A58-5917-42FF-9AC2-9C2CDB118A94

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	Yousuf Chowdhary et al.	Examiner:	Thomas Haynes Henry
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Customer No.:	112301	Confirmation No.:	4322

STATEMENT OF JEFFREY BRUNET IN SUPPORT OF PETITION UNDER 37 CFR 1.324

1. I, Jeffrey Brunet, hereby state that I have reviewed and understand the contents of the above-identified patent, including its claims.

2. I believe I am an original joint inventor of a claimed invention in the above-identified patent.

3. I agree that Oliver Timberlake Watkins, Jr. should be added as a named co-inventor on the above-identified US Patent No. 10,946,284.

Signed by:
Jeffrey Brunet
C0EAA19D79154C2...

November 1, 2024
Date

Jeffrey Brunet

Docusign Envelope ID: B48E1D22-6A26-4FE2-989B-E2ACB1863129

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	Yousuf Chowdhary et al.	Examiner:	Thomas Haynes Henry
Patent No.	10,946,284	Granted:	March 16, 2021
Serial No.:	15/215,406	Group Art Unit:	3715
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Title:	**SYSTEMS AND METHODS FOR CAPTURE AND USE OF LOCAL ELEMENTS IN GAMEPLAY**		
Customer No.:	112301	Confirmation No.:	4322

STATEMENT OF RAVINDER SHARMA IN SUPPORT OF PETITION UNDER 37 CFR 1.324

1. I, Ravinder ("Ray") Sharma, hereby state that I have reviewed and understand the contents of the above-identified patent, including its claims.

2. I believe I am an original joint inventor of a claimed invention in the above-identified patent.

3. I agree that Oliver Timberlake Watkins, Jr. should be added as a named co-inventor on the above-identified US Patent No. 10,946,284.

Signed by:
Ravinder Sharma
AD96ABAB57364D8...

October 29, 2024
Date

Ravinder "Ray" Sharma

Docusign Envelope ID: D4369E75-3548-4848-BD92-53B7749EE68B

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	Yousuf Chowdhary et al.	Examiner:	Thomas Haynes Henry
Patent No.	10,946,284	Granted:	March 16, 2021
Serial No.:	15/215,406	Group Art Unit:	3715
Filed:	July 20, 2016	Docket No.:	0036177-00002
Title:	**SYSTEMS AND METHODS FOR CAPTURE AND USE OF LOCAL ELEMENTS IN GAMEPLAY**		
Customer No.:	112301	Confirmation No.:	4322

STATEMENT OF OLIVER TIMBERLAKE WATKINS, JR. IN SUPPORT OF PETITION UNDER 37 CFR 1.324

1. I, Oliver Timberlake Watkins, Jr., hereby state that I have reviewed and understand the contents of the above-identified patent, including its claims.

2. I believe I am an original joint inventor of a claimed invention in the above-identified patent.

3. I agree that I should be added as a named co-inventor on the above-identified US Patent No. 10,946,284.

11/11/2024
Date

DocuSigned by:
Oliver T Watkins Jr
3A6FFA39A1DD478...
Oliver Timberlake Watkins

Docusign Envelope ID: D4369E75-3548-4848-BD92-53B7749EE68B

NUNC PRO TUNC ASSIGNMENT AGREEMENT

This *Nunc Pro Tunc* Assignment Agreement ("Agreement"), effective as of November 11, 2013, is made between Oliver Timberlake Watkins, Jr. located at 1123 20th St., San Francisco, CA, 94107 ("Assignor") and 2343127 Ontario Inc., a foreign corporation located at 67 Yonge Street, Suite 1600, Toronto, Ontario, M5E 1J8, Canada ("Assignee") (together, the "Parties"). In consideration of the mutual promises hereinafter set forth as well as additional valuable consideration including the sum of one dollar ($1), the receipt and sufficiency of which are hereby acknowledged, Assignor agrees as follows:

1. *Nunc Pro Tunc* Assignment Grant. Assignor hereby grants to Assignee, *nunc pro tunc*, as of November 11, 2013, Assignor's worldwide right, title, and interest to the invention(s) described and/or claimed in U.S. Patent Application No. 61/796,715, filed November 19, 2012, and entitled "Systems and Methods For Capture and Use of Local Elements," and to any and all patents of the United States, Canada, and all other countries of the world that may be granted for the invention(s) described and/or claimed in said application, including to any and all divisions, continuations, continuations-in-part, reissues, and/or extensions of said application and any and all patent application or patent claiming priority to said application (collectively, "Invention"). Assignor also hereby grants to Assignee, *nunc pro tunc* as of November 11, 2013, all rights and privileges under any patent application or patent which may be granted on the Invention, including his rights to: (i) make, use, and/or sell any product or process embodying the Invention, (ii) exclude others from making, using, and selling any product or process covered by the Invention, and (iii) sue for all past infringements which may have occurred before the execution of the Agreement.

2. Warranty. Assignor represents, covenants, and warrants to Assignee that, as of November 11, 2013, Assignor possesses all right, title, and interest necessary to grant to Assignee the assignment as set forth in this Agreement, and that the right, title, and interest being granted are valid and protectable intellectual property rights free of any encumbrances.

3. Execution of Papers. Assignor agrees to execute all necessary papers to be used in connection with the Agreement or Invention that Assignee may deem necessary or expedient.

4. Binding on Successors. This Agreement shall be binding on and shall inure to the benefit of Assignee, its heirs, administrators, successors, parents, and subsidiaries.

5. Severability. If any provision hereof is held invalid or unenforceable by a court of competent jurisdiction, such invalidity shall not affect the validity or operation of any other provision and such invalid provision shall be deemed to be severed from the Agreement.

Docusign Envelope ID: D4369E75-3548-4848-BD92-53B7749EE68B

6. Entire Agreement. This Agreement contains the entire understanding of the Parties with respect to the *nunc pro tunc* assignment of the Invention. No changes, amendment or modification of this Agreement are valid or binding upon the Parties unless made in writing and manually signed by a duly authorized representative of each party.

This *Nunc Pro Tunc* Assignment Agreement, executed hereinbelow so as to be effective as of November 11, 2013, by Assignor.

Oliver Timberlake Watkins, Jr.

DocuSigned by:

By: Oliver T Watkins Jr
3A6FFA39A1DD478...

Execution Date: 11/11/2024

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	Yousuf Chowdhary et al.	Examiner:	Thomas Haynes Henry
Patent No.	10,946,284	Granted:	March 16, 2021
Serial No.:	15/215,406	Group Art Unit:	3715
Filed:	July 20, 2016	Docket No.:	0036177-00002
Title:	**SYSTEMS AND METHODS FOR CAPTURE AND USE OF LOCAL ELEMENTS IN GAMEPLAY**		
Customer No.:	112301	Confirmation No.:	4322

STATEMENT OF IMAGINE AR, INC. IN SUPPORT OF PETITION UNDER 37 CFR 1.324

1. Oliver Timberlake Watkins, Jr. has assigned all of his right, title and interest in and to US Patent No. 10,946,284, *nunc pro tunc* as of, or effective, November 11, 2013, to 2343127 Ontario Inc attached.

2. ImagineAR, Inc. is the owner of 100% of all right, title and interest in and to United States Patent No. 10,946,284 by the attached *nunc pro tunc* assignment from co-inventor Oliver "Lake" Watkins and by assignments recorded in the Assignment Branch of the USPTO at:

    - Reel 031633, Frame 0244 (co-inventors Chowdhary, Brunet, and Sharma to 2343127 Ontario Inc., filed 11/19/2013);
    - Reel 045888, Frame 0036 (Name change, 2343127 Ontario Inc. to XMG Studio Inc., filed 4/9/2018);
    - Reel 049249, Frame 0617 (XMG Studio Inc. to Imagination Park Technologies Inc., filed 5/21/19);

- Reel 062020, Frame 0528 (Name change, Imagination Park Technologies to Imagine AR, Inc., filed 11/30/2022); and
- Reel TBD, Frame TBD (Name change, Imagine AR, Inc. to ImagineAR, Inc., filed 10/21/2024).

3. I am CEO of ImagineAR, Inc., and I am authorized to execute this Statement on behalf of Imagine AR, Inc.

4. I agree that Oliver "Lake" Watkins should be added as a named co-inventor on the above-identified US Patent No. 10,946,284.

11/12/2024
Date

Alen Paul Silverrstieen

Delaware

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "IMAGINATION PARK TECHNOLOGIES INC.", CHANGING ITS NAME FROM "IMAGINATION PARK TECHNOLOGIES INC." TO "IMAGINE AR INC.", FILED IN THIS OFFICE ON THE TWENTY-FIFTH DAY OF JUNE, A.D. 2019, AT 2:28 O`CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.





6484106 8100
SR# 20195650260

Authentication: 203112089
Date: 06-27-19

You may verify this certificate online at corp.delaware.gov/authver.shtml

State of Delaware
Secretary of State
Division of Corporations
Delivered 02:28 PM 06/25/2019
FILED 02:28 PM 06/25/2019
SR 20195650260 - File Number 6484106

STATE OF DELAWARE
CERTIFICATE OF AMENDMENT
OF CERTIFICATE OF INCORPORATION
OF IMAGINATION PARK TECHNOLOGIES INC.

Imagination Park Technologies Inc. (the "Corporation"), organized and existing under and by virtue of the General Corporation Law of the State of Delaware, does hereby certify:

1. This Certificate of Amendment (the "Certificate of Amendment") amends the provisions of the Corporation's Certificate of Incorporation originally filed with the Secretary of State of Delaware on July 19, 2017 and subsequently amended on March 4, 2019 (the "Certificate of Incorporation").

2. Article 1 of the Certificate of Incorporation is hereby amended and restated in its entirety as follows:

"The name of the Corporation is Imagine AR Inc."

3. This amendment was duly adopted in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware.

4. All other provisions of the Certificate of Incorporation shall remain in full force and effect.

IN WITNESS WHEREOF, said corporation has caused this certificate to be signed this 24th day of June, 2019.

By: _____
Name: Alen Paul Silverrstieen
Title: President and Authorized Officer

Certificate of Amendment

Canada Business Corporations Act

Certificat de modification

Loi canadienne sur les sociétés par actions

ImagineAR Inc.

Corporate name / Dénomination sociale

1136401-4

Corporation number / Numéro de société

I HEREBY CERTIFY that the articles of the above-named corporation are amended under section 178 of the *Canada Business Corporations Act* as set out in the attached articles of amendment.

JE CERTIFIE que les statuts de la société susmentionnée sont modifiés aux termes de l'article 178 de la *Loi canadienne sur les sociétés par actions*, tel qu'il est indiqué dans les clauses modificatrices ci-jointes.

Raymond Edwards

Director / Directeur

2020-04-16

Date of amendment (YYYY-MM-DD)
Date de modification (AAAA-MM-JJ)

Canada

PATENT
REEL: 062445 FRAME: 0228

Form 4
Articles of Amendment
Canada Business Corporations Act (CBCA) (s. 27 or 177)

Formulaire 4
Clauses modificatrices
Loi canadienne sur les sociétés par actions (LCSA) (art. 27 ou 177)

1 Corporate name
Dénomination sociale
Imagination Park Technologies Inc.

2 Corporation number
Numéro de la société
1136401-4

3 The articles are amended as follows
Les statuts sont modifiés de la façon suivante

The corporation changes its name to:
La dénomination sociale est modifiée pour :
ImagineAR Inc.

4 Declaration: I certify that I am a director or an officer of the corporation.
Déclaration : J'atteste que je suis un administrateur ou un dirigeant de la société.

Original signed by / Original signé par
Alen Paul Silverrstieen

Alen Paul Silverrstieen
917-567-5207

Misrepresentation constitutes an offence and, on summary conviction, a person is liable to a fine not exceeding $5000 or to imprisonment for a term not exceeding six months or both (subsection 250 (1) of the CBCA).

Faire une fausse déclaration constitue une infraction et son auteur, sur déclaration de culpabilité par procédure sommaire, est passible d'une amende maximale de 5 000 $ et d'un emprisonnement maximal de six mois, ou l'une de ces peines (paragraphe 250(1) de la LCSA).

You are providing information required by the CBCA. Note that both the CBCA and the *Privacy Act* allow this information to be disclosed to the public. It will be stored in personal information bank number IC/PPU-049.

Vous fournissez des renseignements exigés par la LCSA. Il est à noter que la LCSA et la *Loi sur les renseignements personnels* permettent que de tels renseignements soient divulgués au public. Ils seront stockés dans la banque de renseignements personnels numéro IC/PPU-049.

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/215,406	07/20/2016	Yousuf Chowdhary	0036177-00002	4322

112301 7590 11/21/2024

Patent Docket Administrator
White and Williams LLP
One Liberty Place, Suite 1800
1650 Market Street
Philadelphia, PA 19103-7395

EXAMINER	
HENRY, THOMAS HAYNES	

ART UNIT	PAPER NUMBER
3715	

NOTIFICATION DATE	DELIVERY MODE
11/21/2024	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipdocket@whiteandwilliams.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Patent No.: 10946284
Issue Date: 03/16/2021
Appl. No.: 15/215,406
Filed: 07/20/2016

PART (A) RESPONSE FOR CERTIFICATES OF CORRECTION

This is a decision on the Certificate of Correction request filed ____.

The request for issuance of Certificate of Correction for the above-identified correction(s) under the provisions of 37 CFR 1.322 and/or 1.323 is hereby:

(Check one)
☐ Approved ☐ Approved in Part ☐ Denied

Comments: ____

PART (B) PETITION UNDER 37 CFR 1.324 OR 37 CFR 1.48

☑ This is a decision on the petition filed 12 November 2024 to correct inventorship under 37 CFR 1.324.

☐ This is a decision on the request under 37 CFR 1.48, petition filed ____. In view of the fact that the patent has already issued, the request under 37 CFR 1.48 has been treated as a petition to correct inventorship under 37 CFR 1.324.

The petition is hereby: ☑ Granted ☐ Dismissed

Comment: ____

The patented filed is being forwarded to Certificate of Corrections Branch for issuance of a certificate naming only the actual inventor or inventors.

/NATHANIEL E WIEHE/
Supervisory Patent Examiner, Art Unit 3715
Technology Center 3700
Phone: (571)272-8648

Certificates of Correction Branch email: CustomerServiceCoC@uspto.gov CoC Central Phone Number: (703) 756-1814